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For the benefit of a few subscribers who continue to send us $\$ 1.50$ for their renewals, the JOURNAL wishes to again say tuat 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 compissioher 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 orofits than at any previous period.

The estimate put forward by the American Agriculturist in its annual review of harvests, to appear in the
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 prosperous 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 ${ }^{\circ}$ 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 alarming. Nobody has ever doubted that 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 Cheyenne, 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.

A Year's Cattle Exportation.
In the fiscal year ending June 30 , 1891, this co'ntry 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 for market. It is not necessary, in order
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 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.

## ur Contes

Exchange.
One of the most novel contests o 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 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:

Corn
Wheat
Ots
Oats.
Barley Rye
Buckwheat
Bushels.
$\begin{array}{r}1800000,000 \\ 585,000,000 \\ \hline\end{array}$
$58,000,000$
$700,000,060$
75,0.0,000
33,000000
12000,000
$\overline{3,905,000,000}$
The aggregate farm value of these crops will probably be about $\$ 1,500,000$,000 , estimated in the ordinary manner. Eating Alfen 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 truc of horses that we imported many more than we exported, the figares 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 Stater for the fat stock market come almost wholly from Canada, and our markets furnish to Canadian produc-
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.

Mortgaged Indebtedness.
The maticious 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 repeatediy 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 stili 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 Bustness sttuation,
Notwithstanding the ery of hard tilues, scarcity of money, etc., from al parts of the country, the Railway and 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 doubtléss are, this country will be able to export at least $200,000, \overline{000}$ bushels, and since there will be a demand for even more than that quantity, it is safe to conciude 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'कbout $33,000,000$ - 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 any hing but prosperity, and plenty of it, for the people of this country for the next year, he situation and conditions have concealed it beyond the vision of mortal eyes.

## CATTLE

The hot weather will soon be over, and, with it, the hard market will ter minate, it is hoped.
The assessed valuation of the cattle
interest in Montana is $\$ 9.675,555$, a very interest in Montana is $\$ 9,67$.
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. head. round number being $50,000,000$

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 hoif,rs, if sp tyed 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.

 was held in quarantine until last week, 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 handie from tive
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

The scarcity of money, or pather the impossibitity to get money, will greatly
diminish the demand for feeders this fall. Those who have a surplus of this
class of catle should if possible, either class of cattle should, if possible, either
prepare to feed themselves, or sell to 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 when a decided improvement may be The result of the work of the committee appointed by the cattemen's
convention held at Vinita, I. T., full proceedings of which was published in with much interest by shippers. The complished.
The scarcity of money will prevent a
great many feeders from buying as many cattle as they would otherwise
have handled, buteven those who have have handled, but even those who have 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 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 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, receive them. If you can't fatten them,
sell them to some one who can. 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 profitable steer beef, scrub heifers are
permitted to perpetuate their kind and add to the already large surplus of serub 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 ity, 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 ration will be of value. It is a good plan to weigh the animals every two or
three weeks while feeding, to deterthree weeks while feeding, to deter-
mine if they are making a satisfactory progress. If not, a change or in crease of feed may be tried, but oyer feeding is a useless waste of material, as only a certain quantity of food can be digested.
Predicting better times for cattlemen has grown t., be something of a "chestnut," but it is clear that so far as some classes or catle-owners are concerned, good times are already here. A barrel
of money has been made, for instance, of money has been made, for instance,
by those who took advantage of the by those who took advantage ork to
low prices current a few years back to place well graded cattle upon the Northdollare for steors that were bought at dollare for steers that were bought at
$\$ 10$ to $\$ 12$ and with few intervening losses represents the profit pocketed by losses represents the profit pocketed by nerve during the darker hours of depression. That an era of profitable production has now fully set in is too generaly believed o admit of serious
question. The opportunity for favorqule 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
'hicago Breeders' Gazette.

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 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:
commenced feeding cattle on 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, so as to avoid having over 200 head in any one lot; in fact, 100 head to the
pasture would probably give better re results. 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 rayely 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 1 always 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 peek in eaeh 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 ench 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 $\$ 40 \mathrm{a}$ 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 tail ings, the ones that were fed but little, brought $\$ 3.40$ on last week's hard mar ket. I never offer my steers for sale but always ship direct to my commis sion merchants.

## Feeding for Best Results.

The time for making money on halffat shipping beef has past never to re turn. 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 stesrs 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 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, sum mer 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 three year old steers can be made to weigh from 1100 to 1200 pounds, and to
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 fol-

Scrubs and Poor Judgment Combine Agatinst hime.

## 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 hie 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.

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 this 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. (itry of toledo,

FRANK J. CuENEY makes oath that he is the senior partner of the firm of F.J. Chener \& Co.
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be cured by thy use of HALASC Sworn to before me and subscribed in $m$ y $\overbrace{\text { seal }}^{\text {presen }}$
Halls Catarrh Cure is taken internally and acts directly on the blood and mucous surface of the system. Send for testimoniais, free.
F. SHENEY \& CO., Toledo, $\mathbf{O}$
Sold Druggists, 75c.

Caution.-Buy only Dr. Isaac Thomp son's Eye Water. Carefully examine the outside wrapper. None nther renuine
Subscribe, for and read the Texas Live Stock Journal.

The Cheviot breeders claim for their sheep that they are "the hardiest on sheep that they are the
1
The Journal repeats its advice heretofore given; Don't sell your wool at present $p$
to do so.
An average of about 1000 sheep and lambs a day are received into the United States from Canada for consumption
New England and New York City.
The buck-man is here again, and flockmasters will remember the JourNAL'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 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 cre-
ation, and India belongs to John Bull.
The best profit with sheep is secured can carry to the best advantage, and can carry to the best advantage, and depending on buying and selling out from time to time.
The present system of sheè raising and wool growing is one that is adapted to the country, climate and existing con-
ditions, and is conducted on such a ditions, and is conducted on such a
asis that returns are not only sure but asis that returns are not only su
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 interests. Texas can furnish any number ot proper men to take the range
interests in charge.

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 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 hus bandry. Sheepmen are about as truly religious as other men, but having for some years past had no personal experience with the poverty business they
are not cranks in religious subjects. 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 coupte of years and then sold for as much or
more than he originally cost. It is more than he originally cost. It is
better, however, to use olier 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 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 mare more clear money than could be made length of time.
They have a broad way of doing things out in the wild and wooly West.

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 has no less than 60,000 head of sheep
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
thit it will not end in talk only. There should be North Texas, Central. Texas, Southwest Texas, Wes; Texas and Panhandle Wool Growers' associations, al1
tributary to the Texas Wool Growers tributary to
association.
French Merino rams from California are being offered for sale in the San
Angelo market. In 1883 a great miny 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 pur-
chased. But the demand for them was chased. But the demand for them was
not kept up in later years, though the not kept up in later years, though now
Journal believes a French crop now and then would be an advantage.
Notwithstanding the continued low price of wool, the Journal has un-
wavering confidence in good sheep as being good property. At all events, if any of its flockmaster readers have be come discouraged, and are keen to close out and quit the business, they
can find, by applying to the Journal, can find, by applying to the Journal, first-class farm lands ima first-class
farming section of Texas, and in a farming section of Texas, and in a
quarter of a mile of a depot, to be exquarter of a mile of a depot
changed 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
hittle end of the horn." If any of the Journal's readers
sheep on shares, or to take sheep out share , 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 sheep to patronize a bed-ground, even
if there is no fence around it. Indeed 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 is 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 awakening within the past year and a
half in the matter of sheep breeding
and throughout the country. And it is needless to say that the heavier carcassed breeds are in the ascendant. extremes in this direction. The tendency in the direction of meat production may takeon the speculative teature and loss and disappointment result. Size in carcass is not all that is wanted
One of the esteemed contemporaries of the JOURNAL suggests that it isn' the best policy for the stock and farm papers to have so much to say about wool. And wool. And yet it has all along been first duty to tell its readers the truth about everything in which they are interested. 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 wh
and suppress the facts.
"Two heads are better than one, if one is a sheep's head." At least that
is what used to be said long years ago when the editor of the sheop and woo ebartment of the JourNal was "a
kid." And yet there are several kid. And yet there are several
thousand flockmasters in Texas, who, when it comes to the business of shee husbandry, seem to have an idea that here isn the slightest advantage to engaged in the same line of business It is the strangest thing imaginuble that woo! growers and sheep breeder aloof from meetings called in their interest.
Mr. Frank L. Cooper, wititing from near Fort Davis, says: "I am herding sheep, temporarily, in this section, an
find the Live STOCK Jourval fried. LIVE STOCK JoukNal aibood it, but a friend near me, who is an old subscriber. has been lending me his pay, however, I will send you $\$ 2$, and have you send the paper to me direct. and the STOCK JouRN is fullof hint ard suggestioas that I find valuable. have just had my first lesson in di ${ }_{i}$ ping
to cure scab, and used the lime lye and sulphur dip you recommended, and I think it has done the work eff octually, without injury to the sheep.
The opponents of the scalp law tacked on the jack rabbit and prairie doy
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 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
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 soiy. Wool is
a standard product of commerce and has a certain intrinsic value. Wool is not merely a useful article, but a necessity, as much so as wheat or cor something to wear. Clothed, inner man asserts a claim and the the sheep meets by supplying 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 better appreciated.
In looking over sheop husbandry as
whole in the United States, says a a whole in the United States, ssays a
writer, stnd thinking out its foture, it must be apparent to every one that new conditions have risen which will compel some changes from the policy form-
erly found to answer. The growth of population in industrial centers wi call for an increased suppiy of both
wool and mutton. The large quantities of ineat heretofore produced upon the Western cattle ranges will bucome less with each succeeding vear, partly
from the lands being put under cultivafrom the lands being put under cultiva
tion, and partly because the increasing population will demand a larger por tion for food. It, therefore, looks to me as if the farmer in this state, and
those surrounding it, who gives attenthose surrounding it, who gives atten-
tion to the production of mutton and wool, must enjoy for many years a good demand for his products. In view to sheep husbandry than to any other to sheep husband of agriculture.
sheep vs. Cattle.
Helena (Mont.) Herald.
It is reported upon reliable authority
that many of the big herds of eattle in Northern Montana are to bs sent to nurket this year. Some companies are prepsring to ship everything and go out of the business. This is rendered
a matter of necessity in some localities anter of necessily in som9 localtites. aro settling in thickly and are fencing up sheepment aro 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. Smill 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 Montans 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 winyers and deep them. The stock able lo tike care of really be benefited. There will be more and better stock to be gathered yearly for the market. The ranges will aways be gøod for sheep, which ure greatly on the increase.

The Popular Sclence Monthiry.
The wool comes into the mill dirty, greasy, burry, sometimes washed by the farmer, but 2generally just as it is wholesome 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 manufacturer
separates, 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 to the pound, everything depends upon care in the selection of the fleece and pregnated with These sorts are imcalled 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, comof from 50 to 70 per
tubs, much as our wives their wool in scompour cothestoday. In the hand washing 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 The sumb squersed out lie water. the same principle is applied in the ireat forks or 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 witbout tearing the fiber.
ForMalaria, Luves is ou-
ble, or Indigestion, $u=$
BROWN'S IRON BITTERS
Beecham's Pills cures sick-headache.

Sales of Texas and Indian Territory

## The following sales of Texas and In-

 dian Territory cattle were made at the $p$ sints, 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, $925 \mathrm{lbs}, \$ 2.75$. August $24-\mathrm{D}$ D Swearinger, Childress, 19 steers, 708 lbs , $\$ 2.35 ; 11$ cows, $683 \mathrm{lbs}, \$ 2.05 ; 17$ heifers, $566 \mathrm{lbs}, \$ 2$; Smith \& T, Childress, 32 cows, $640 \mathrm{lbs}, \$ 2.05 ; 27$ steers, 802 lbs , \$2.45; J Scharbauer, Midland, 259 sheep, $72 \mathrm{lbs}, \$ 3.55$. August $25-$ White
Bros, Elgin, Kans, 399 steers, 1000 lbs , Bros, Elgin, Kans, 399 steers, 1000 lbs ,
$\$ 2.65$; J O Hall, Vinita, I T, 231 steers, $1045 \mathrm{lbs}, \$ 3.25, \mathrm{~J}$ Leadbetter, Quanah, 116 steers, $980 \mathrm{lbs}, \$ 2.85$; G W Morris, Quanah, 93 steers, $1040,1 \mathrm{bs}, \$ 2.75 ; \mathrm{F}$
Milwee, Quanah, 26 cows, 702 lbs, $\$ 2$; Milwee, Quanah, 26 cows, $702 \mathrm{lbs}, \$ 2$;
W Scott, Vinita, 228 steers, 1087 lbs , $\$ 3.25 ; 12$ steers, $1022 \mathrm{lbs}, \$ 3.25$.
August 19-Gregory, Cooley \& Co
sold for Indian Live Stock GGm-Minco, sold for Indian Live Stočk CO F -Minco,
I T, 111 steers, 102: lbs, $\$ 2.90: 24$ bulls, $1201 \mathrm{lbs}, \$ 1.40 ; 241$ cows, $731 \mathrm{lbs}, \$ 1.60$; J H Presnall, Kansas City, Mo, 296
steers, $1113 \mathrm{lbs}, \$ 2.75 ;$ A L Rush, Fort Worth, 48 steers, $831 \mathrm{lbs}, \$ 2.30 ; 67$ cows, $623 \mathrm{lbs}, \$ 1.85$. August $20-\mathrm{L} \mathrm{R}$ Hastinge, 47 sterer, $1017 \mathrm{llbs}, 48,36$ cows, 530
 stoers, 9787 lib, 82,65 , H H Halaell, Curliste, 199 steers, 555 I lbs, 52.55 ; Halseell




 $730 \mathrm{lbs}, \$ 2.25 ; \mathrm{W}$ L Underwood, Chil-
dress, 25 steers, $952 \mathrm{lbs}, \$ 2.75 ; 25$ cows $764 \mathrm{bbs}, \$ 2.25$; Lee McGrady, Childress,
 lbs, 92.60 . August $25-$-Harris \&
Colorado City, 550 sheep, $88 \mathrm{lbs}, \$ 4$. August 20-The Evans-Snider-Buel sold for W Waddingham, Kans s ity, 154 cows, $823 \mathrm{lbs}, \$ 1.90 ;$ L H \&. W lbs, $\$ 2.90 ; 22$ steers, $1041 \mathrm{lbs}, \$ 2.90$; Hall \& W, Burlingame, Kans, 71 fed steers, $1128 \mathrm{lbs}, \$ 3.30$. August $21-$
Halff \& Bro, Elgin, 283 steers, 958 lbs , $\$ 2.55$; Forsythe P Co, Elgin, 42 steers, $1154 \mathrm{lbs}, \$ 2.80 ; 126$ steers, 1157 lbs,
$\$ 2.75 ;$ J Roff, Kansas City, 33 cows, 700 lbs, \$1.90; 66 cows, $659 \mathrm{lbs}, 81.90$; Callan \& Co, Elgin, 92 steers, 1050 lbs , $\$ 2$ 65; L Russell, Elgin, 139 steers, 1017 1bs, 92.75 . August 25 -Parramore \& Coo, Abilene, 324 cows, 807 Ibs, $\$ 2.25 ;$ is H
Merchant, Leliaetta, 88 steers, 1097 lbs, *3.35; Magnolia C Co, Colorado City, 200 cows, $725 \mathrm{lbs}, \$ 1.95$; Gibson, Leliaetta, 98 steers, $855 \mathrm{lbs}, \$ 2.55$.
August 19 -Keenan \& Sons sold for P W Reynolds, San Angelo, 39 calves, $150 \mathrm{lbs}, \$ 3.65 ; 40$ cows, $733 \mathrm{lbs}, \$ 1.85$; Monroe C Co, San Angelo, 27 cows, 752 $\mathrm{lbs}, 42$; J Pa'es, San. Angelo, 21 calves, 147 lbs , 83.65 ; 17 cows, $719 \mathrm{lbs}, \$ 1.85$; M T Benson, San Angelo, 28 cows, 700 lbs, $\$ 1.85$. August $25-\mathrm{Jackson} \& \mathrm{M}$, Bartlett, 13 calves, 214 lbs, $83 ; 8$ steers, 1053 lbs, $\$ 3 ; 23$ steers, $740 \mathrm{lbs}, \$ 2.30 ; 29$ cows, 729 lbs, $\$ 1.90 ; 14$ cows, 496 lbs, $\$ 1.50$.

August 18-Godair, Harding \& Co sold for Montgomery \& B, Tulsa, I T, 192 steers, $1047 \mathrm{lbs}, \$ 2.65$; W H Godair,

Tulsa, 88 cows, $764 \mathrm{lbs}, \$ 2$; 90 steers, 1076 lbs, 82.70; W S Kelly, San Angelo, 10 steers, 739 lbs, $\$ 2.30$; 38 cows, 696 lbs, 81,80 ; S J Blocker, San Angelö, 632 calves, $162 \mathrm{lbs}, \$ 3.25 ; 10$ calves, 267 lbs , \$2; 64 heifers, $533 \mathrm{lbs}, \$ 1.80 ; 41$ heifers, $391 \mathrm{lbs}, \$ 1.50$.

August 19-The James H. Campbell o. sold for Genesee C Co, Kiowa, 46 steers, $1060 \mathrm{lbs}, \$ 2.85 ; 278$ steers, 1112 ibs, 2280 . August $21-\mathrm{W}$ I Glass, Fort Chad bourne, 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, $623 \mathrm{lbs}, \$ 1.70$. August A Matthews, Albany, 95 calves $150 \mathrm{lbs}, \$ 4.87 \frac{1}{2} ; 5$ calves, $278 \mathrm{lbs}, \$ 3.87 \frac{1}{2}$; 245 cows, $704 \mathrm{lbs}, \$ 2.10 ; 52$ cows, 721
lbs, $22 ; 18$ cows, $689 \mathrm{lbs}, \$ 2 ; 31$ calves, $211 \mathrm{lbs}, \$ 4$.

August 19-Greer, Mills \& Co sold for Belcher \& B, Henrietta, 209 steers, 1111 Ibs, 83.50 ; W H Featherstone, Henrietta, 118 steers, 946 lbs , $\$ 2.75$; 51 cows, 727 1bs, \$2; J Addington, Henrietta, 83 steers $1053 \mathrm{lbs}, \$ 2.90$; Slack \& P, Henrietta, 28 steers, $944 \mathrm{lbs}, \$ 2.80 ; \mathrm{R} \mathrm{R}$ Wade, San Angclo, 85 cows, 626 lbs , $\$ 1.85$; R Burrows, 21 steers, 926 lbs , \$2.50; Wilson \& Co, Wichita Falls, 144 steers, $931 \mathrm{lbs}, \$ 2.60 ; 46$ cows, 761 lbs ,
$\$ 2 ; 4$ bulls, $1237 \mathrm{lbs}, \$ 1.30 ; \mathrm{S}$ K Purdham, Henrietta, 45 steers, 964 lbs , $\$ 2.60$; J Gunter, Tioga, 177 steers, 858 $\mathrm{lbs}, \$ 2.50$; Kohn \& B, Apache, 22 steers, $1168 \mathrm{lbs}, \$ 2.90$; B W Jones, Quanah, 512 sheep, $83 \mathrm{lbs}, \$ 4$. August $20-\mathrm{J}$ C Smith, Big Springs, 190 lambs, 54 lbs , \$4.40; T Graham, Nocona, 124 steers, $1022 \mathrm{lbs}, \$ 2.75$; W.illiams \& $\mathrm{W}, 28$ heifers, $836 \mathrm{lbs}, \$ 2.90$. August $21-\mathrm{W}$ H Featherstone. Henrietta, 66 steers, 938 lbs, $\$ 2.65$; Baker \& W, Kennedy, 68
calves, $225 \mathrm{lbs}, \$ 3 ;$ J A Cury Calm, 19 cows, 637 Curry, Mount R, Kansas City, Mo, 25 steers, 943 lbs, $\$ 2.60$; Jot Gunter, Tioga, 453 steers, 740 lbs, $\$ 2.40$. August $22-\mathrm{A}$ Hargrove, Midland, 61 cows, 717 lbs , $\$ 2$; 38 steers, 963 lbs, $82.60 ;$ J C Smith, Big
Springs, 176 lambs, $51 \mathrm{lbs}, \$ 4.25$. August $24-J$ C Smith, Big Springs, 179 lambs, $49 \mathrm{lbs}, \$ 4.25 ; 152$ sheep, 78 lbs, $\$ 3.50 ; 164$ sheep, 711 lbs , $\$ 3.25 ; 102$ sheep, 68 lbs , $\$ 3$. August $25-\mathrm{S}$ Cut-
birth \& Co, Kiowa, I T, 252 steers, 947 lbs. $\$ 3.10$.

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

August $22-\mathrm{R}$ Strahorn \& Co sold for Ed Farmer, Aledo, 22 steers, 1019 lbs, $\$ 2.8$; 110 steers, $1024 \mathrm{lbs}, \$ 3.40 ; \mathrm{Mrs}$ C H Higbee, Aiedo, 81 steers, 738 lbs , \$2.40. August 21 -Halsell \& $P$, Carlisle, 25 steers, $924 \mathrm{lb3}, \$ 2.65 ; 52$ steers, $858^{\mathrm{l}} \mathrm{lbs}, \$ 2.75 ; 0$ T Love, Carlisle, 26 steers, $853 \mathrm{lbs}, \$ 2.75$.

Alg ast 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, $120 \mathrm{lbs}, \$ 4 ; 23$ cows, 800 lbs , \$1.55. August 18-G W Littlefield, Chillocco, I T, 260 steers, $960 \mathrm{lbs}, \$ 2.65$; 25 steers, $1101 \mathrm{lbs}, \$ 2.65$; R K Halsell, Minco, I T, 75 steers, $994 \mathrm{lbs}, 82.60 ; 25$ steers, $982 \mathrm{lbs}, \$ 2.65$; Dyment \& Lane, Mínco, 45 steers, $1005 \mathrm{lbs}, \$ 2.15$; Con nell \& Eubank, Canadian, 23 cows 916 lbs, $\$ 1.70 ; 15$ cows, $820 \mathrm{lbs}, \$ 1.70$; F M Dougherty, Miaco, I T, 298 steers, 900 $\mathrm{lbs}, \$ 2.22 \ddagger ; 147$ steers, $900 \mathrm{lbs}, \$ 2.22 \mathrm{t}$;

22 cows, $685 \mathrm{lbs}, 81.40$. August 19-Joe
Roff, Wynnewood, I T, 74 calves, each $\$ 6 ; 95$ stee"s, $284 \mathrm{lbs}, \$ 2.05 ; 4$ bulls 1110 lbs, $\$ 1.35$; 9 bulls, $1165 \mathrm{lbs}, \$ 1.25$; 22 steers, $966 \mathrm{lbs}, \$ 2.15 ; 99$ cows, 693 lbs , \$1.45. August $20-$ Western Inv \& Sec Co, Clarendon, Tex, 180 Cows, 739 lbs , $\$ 1.67 \frac{1}{2}$. August 21, Western Inv \& Sec Co, Clarendon, Tex, 177 cows, 738 lbs , \$1.75; W C Quinlan, Enid,I T,22 steers, $1156 \mathrm{lbs}, \$ 3 ; 22$ steers, $1154 \mathrm{lbs}, \$ 3.15$; 91 steers, $1029 \mathrm{lbs}, \$ 2.90 ; 61$ steers, 1021 lbs, 82.90 ; W Dunlap, Enid, I T, 99 steers, $978 \mathrm{lbs}, \$ 2.75$; J A Cage, Stephenville, 10 calves, each $\$ 5$; 18 cows, 714 lbs, $\$ 1.52 \frac{1}{2} ; 20$ cows, $628 \mathrm{lbs}, \$ 1.52 \frac{1}{2} ; 14$ cows, $690 \mathrm{lbs}, \$ 1.52 \frac{1}{2}$; O F Casteen, Anthony, Kans, 54 steers, $985 \mathrm{lbs}, \$ 2.75$. August $22-\mathrm{J}$ H Parramore, Leliaetta, I T, 189 cows, $837 \mathrm{lbs}, \$ 2.15$. August $24-\mathrm{M}$ Anderson, Canadian, 23 cows,
$950 \mathrm{lbs}, \$ 1.90 ; 24$ cows, $7821 \mathrm{bs}, \$ 1.75 ; 10$ $950 \mathrm{lbs}, \$ 1.90 ; 24$ cows, $782 \mathrm{lbs}, \$ 1.75 ; 10$
cows, $808 \mathrm{lbs}, \$ 1.50$; Traders Bank, Canadian, 55 cows, 634 lbs , $\$ 1.80$; H H m burg, Canadian, 46 jows, $777 \mathrm{lbs}, \$ 1.75$; B F Hodges, Canadian, 24 cows, 915 lbs, \$1.90; A B Phillips, Canadian, 16 cows, $909 \mathrm{lbs}, \$ 1.95$; H Duncan, Canadian, 66 calves, each $\$ 6.75$; Davis, Pryor \& Co, Silverdale, Kans, 272 \& Co, Coffeyville, Kans, 175 calves, each, $\$ 7$; C W Merchant, Leliaetta, I T, 26 steers, $961 \mathrm{lbs}, \$ 2.70 ; 24$ cows, 8.50 lbs, $\$ 2$; J H Parramore \& Co, Leliaetta, [ T, 44 steers, $1050 \mathrm{lbs}, \$ 2.80 ; 61$ cows, $766 \mathrm{lbs}, \$ 2 ; 50$ cows, $774 \mathrm{lbs}, \$ 1.85$; J M Taylor, Inola, I T, 183 steers, 860 lb , $\$ 2.45 ; 117$ steers, $1041 \mathrm{lbs}, \$ 2.52 \frac{1}{2}$; Slaughter \& H, Halifax, Kıns, 269 steers, $913 \mathrm{lbs}, \$ 2.22 \frac{1}{2}$; J R Holmes, Kiowa, 118 steers, $1076 \mathrm{lbs}, \$ 3.20$. August $25-\mathrm{R}$ D Cragin, Enid, I T, 333 calves, each $\$ 8$; Western Inv \& S Co, Claren-
don, 179 cows, $766 \mathrm{lbs}, \$ 1.65 ;$ O H Neldon, 179 cows, $766 \mathrm{lbs}, \$ 1.65$; O H Nel-
son, Eureka, K\&ns, 150 steers, 1106 lbs, \$2.70.

August 17-Fish \& Keck Co M P Parrish, Mangum, 32 cows, 884 lbs, $\$ 1.80 ; 2$ bulls, $1250 \mathrm{lbs}, \$ 1.50 ; 22$ steers, 1044 lbs, $\$ 2.60$; P Kellum, Valley Mills, 12 cows, $783 \mathrm{lbs}, \$ 1.55 ; 15$ steers, 945 lbs, $\$ 2.15 ; 1$ bull, 1230 lbs , $\$ 1.30 ; 23$ cows, $726 \mathrm{lbs}, \$ 1.55$; J W Plunkett, Mangum, 20 steers, $946 \mathrm{lbs}, \$ 2.37 \frac{1}{2} ; 8$ steers, $817 \mathrm{lbs}, \$ 2.12 \frac{1}{2} ; 2$ cows, 810 lbs , $\$ 1.70$; Ry Cross, Brownwood, 266 cows, $721 \mathrm{lbs}, \$ 1.55 ; 25$ cows, $799 \mathrm{lbs}, \$ 1.55 ; 25$ calves, $142 \mathrm{lbs}, \$ 4 ; 21$ steers, 1089 lbs , 82.50; J T Perryman, Tamala, I T, 1 bull, $1230 \mathrm{lbs}, \$ 1.30 ; 17$ steers, 707 lbs , $\$ 1.80 ; 9$ steers, $834 \mathrm{lbs}, \$ 2 ; 13$ cows, 823 Ibs, $\$ 1.70$; E G Cole, Ponca Reservation, 77 calves, each $\$ 5 ; \cdot 17$ cows, 644 lbs , $51.40 ; 15$ yearling heifers, $434 \mathrm{lbs}, \$ 1$. August $18-\mathrm{J}$ R Graham, Velma, I T, 13 cows, $781 \mathrm{lbs}, 81.70 ; 12$ steers, 892 lbs, $\$ 2.15$; Hurst, Black \& Co, 63 steers, $867 \mathrm{lbs}, \$ 2.20$; C V Rogers, Talala, I T, 26 cows, $807 \mathrm{lbs}, 81.55 ; 26$ cows, 686 lbs , \$1.65; Wm McClure, Oklahoma City, I T, 40 steers, $995 \mathrm{lbs}, \$ 2.05$; 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, $1267 \mathrm{lbs}, \$ 3.10$; J E Johnson, Johnson, 3 cows, $930 \mathrm{lbs}, \$ 1.75 ; 21$ steers, 997 lbs, $\$ 2.45$; Baird \& Ingram, Purcell, I T, 15 cows, $846 \mathrm{lbs}, \$ 1.75$; 11 steers, $881 \mathrm{lbs}, \$ 2.25 ; 49$ steers, $979 \mathrm{lbs}, \$ 2.40$; L Rogers, Talala, I T, 22 cows, 641 lbs , $\$ 1.40$; J H Deere, Minco, I T, 3 cows, $759 \mathrm{lbs}, \$ 2 ; 25$ steers, $926 \mathrm{lbs}, \$ 2.50$. August 24-Woods \& Payne, Purcell, I T, 2 cows, $870 \mathrm{lbs}, 81.75 ; 57$ cows, 751 $\mathrm{lbs}, \$ 1.75$; Stewart Bros, Greer county,

188 calves, each $\$ 6.75$; L B H iver, I T, 253 steers, $1038 \mathrm{lbs}, \$ 2.35$. August 25Millett B oos, 143 steer's, $10+2$ 1bs, $\$ 2.25$; Ives \& Doyle, Higgins, 162 cows, 903 lbs, $\$ 1.90$; R A Steele, Liberal, Kans, 2 bulls, $1220 \mathrm{lbs}, \$ 1.80 ; 83$ steers, 922 lbs, $\$ 2.41$; L B Haver, I T, 272 steers, $1036 \mathrm{lbs}, \$ 23 \overline{\mathrm{j}}$; 25 steers, $916 \mathrm{lbs}, \$ 2$; J D Stine, Ef Reno, Kans, 13 cows, 86 lbs, $\$ 1.90$; Loving Gattle Co, Henrietta, 127 steers, 805 lbs $\$ 2.30$.

August 10-Larimer, Smith \& Bridgeford sold for C W White, Vinita, I T, 95 cows, $631 \mathrm{lbs}, \$ 2$; 102 calves, 135 lbs , $\$ 360 ;-2$ steers, $835 \mathrm{lbs}, \$ 2.30 ; 33$ cows, $741 \mathrm{lbs}, \$ 1.55$.
August 17-Cassidy Bros 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 $\mathrm{lbs}, \$ 2.80 ; 22$ steers, $1035 \mathrm{lbs}, \$ 2.80$; Chas Coon, Weatherford, 80 cows, 772 lbs, $\$ 1.60 ; 81$ cows, 753 lbs, $\$ 1.60$. August 18-C M McClellan, Talala, I T, 80 steers, $864 \mathrm{lbs}, \$ 2.45 ; 76$ steers, 889 lbs, $\$ 2.45$; 41 steers, $838 \mathrm{lbs}, \$ 2,35$; T L Hill, Arkansas City, Kans, 227 steers, 1037 lbs, $\$ 2.50$. August 19-Jay Forsythe, Arkansas City, Kans, 37 steers, $1166 \mathrm{lb} ;, \$ 2.85 ; 7$ steers, $928 \mathrm{lbs}, \$ 2.35$; F M Lotts, Hunnewell, Kans, 11 cows, $944 \mathrm{lbs}, \$ 1.65 ; 17$ calves, each $\$ 6.25$; C M McClellan, Talala, I T, 49 steers, 834 lbs, $\$ 2.35 ; 3$ cows, $886 \mathrm{lbs}, \$ 1.75 ; 10$ steers, $839 \mathrm{lbs}, \$ 2.35$; L P Jones, Wagoner, I T, 46 cows, 773 lbs \$1.70; 32 steers, $905 \mathrm{lbs}, \$ 2,35$. August 22 -Forsythe \& Brawner, Purcell,I T, 76 steers, $926 \mathrm{lbs}, \$ 2.45$; 52 steers, 933 lbs , $\$ 2.45$; 52 steers, $921 \mathrm{lbs}, \$ 2.45$; A Forsythe, Purcell, I T, 116 steers, 702 lbs , $\$ 2$; Jay Forsythe \& Co, Leliaetta, I T, " 115 steers, $1009 \mathrm{lbs}, \$ 2.80$; Owen \& Duffy, Purcell, I T, 95 steers, $1079 \mathrm{lbs}, \$ 2.37 \frac{1}{\frac{1}{2}}$.
August 19-Scaling \& Tamblyn sold for W Burdette, Gainesville, 26 cows, $811 \mathrm{lbs}, \$ 1.85$; 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, $823 \mathrm{lbs}, \$ 1.70 ; 2$ stags, $1230 \mathrm{lbs}, \$ 1.70 ; \mathrm{J}$ N \& T N Morrison, Plainview, 114
sheep, $81 \mathrm{lbs}, \$ 3.90$. August 20-W A Weir, Leonard, 22 cows, $834 \mathrm{lbs}, \$ 1.50$; 2 bulls, $880 \mathrm{lbs}, \$ 1.15 ; 30$ heifers, 533 $\mathrm{lbs}, \$ 1.20$. August $22-\mathrm{N}$ Skinner, Vinita, I T, 31 calves, $140 \mathrm{lbs}, \$ 4 ; 47$ cows, $755 \mathrm{lbs}, \$ 1.70$; Johnson \& M, Amarillo, 190 steers, $992 \mathrm{lbs}, \$ 2.40$. August 24-Johnson \& M, Amarillo, 59 cows, $796 \mathrm{lbs}, \$ 1.65 ; 33$ bulls, 1133 lbs , \$1.15; 232 calves, $\$ 6.25$ each; First Na tional Bank, Amarillo, 218 steers, 842 lbs, $\$ 2.12 \frac{1}{2}$; A T Walker, Amarillo, 25 steers, $818 \mathrm{lbs}, \$ 2 ; 34$ thin heifers, 539 lbs, $\$ 1.15$; Jas Edwards, Nowata, I T, 16 steers, $841 \mathrm{lbs}, \$ 2.15 ; 3$ cows, 760 lbs , \$1.85; T W \& J N Morrison, Plainview, 26 cows, $833 \mathrm{lbs}, \$ 1.85 ; 96$ steers, 825 lbs, $\$ 1.85$; 21 bulls, $1155 \mathrm{lbs}, \$ 1.15$.
at National gTock yards, ills.
August 17-Stewart Overstreet sold for Baker \& Woodworth, Cuero, Texas, 68 calves, $\$ 5.75$ per head. August 18-for S G Wills, Chelsea, I T, 46 steers, $952 \mathrm{lbs}, \$ 2.90$; 51 steers, $\$ 92$ lbs, $\$ 2.50$; C N Drake Chelsea, I T','15 cows, $882 \mathrm{lbs}, \$ 1.80$; 1 bull, 1440 lbs , \$1.25. August $19-J$ R Thompson, Coleman, 51 cows, $736 \mathrm{lbs}, \$ 1: 70 ; 59$ 个 calves, $\$ 6.25$ each. August $20-\mathrm{Ed}$ English, Encinal, 32 yearlings, 375 lbs , $\$ 1.50 ; 32$ steers, $560 \mathrm{lbs}, \$ 1.70 ; \mathrm{J}$ C McSpadden, Chelsea, I T, 25 steers, 919 lbs , $\$ 2.65 ; 18$ steers, $857 \mathrm{lbs}, \$ 2.30 ; 8$ cows, 880 lbs, $\$ 1.65$. Aug. 21 -J E Campbell,

Alluwe, I T, 49 steers, $924 \mathrm{lbs}, \$ 2.70 ; 23$ steers, $958 \mathrm{lbs}, \$ 2.62 \mathrm{t}$.
August 19 -Cassidy Bros \& Co, sold for T C Irby, Seymour, 18 steers, 914 lbs, $\$ 2.25 ; 28$ cows, $665 \mathrm{lbs}, \$ 1.80 ; 18$ yearlings, $466 \mathrm{lbs}, \$ 1.50 ; 6$ cows, 811 lbs, $\$ 2$; 46 calves, $\$ 5.25$ each; Otto Zufall, Muskogee, I T, 44 steers, 966 lbs, $\$ 2.80$; T A Néal, Muskogee, I T, 22 steers, $831 \mathrm{lbs}, \$ 2.30$; Isaac Goodall, Sac and Fux Agency 30 steers, 1005 lbs, $\$ 2.75 ; 30$ cows, $704 \mathrm{lbs}, \$ 1.50 ; 14$ 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, $500 \mathrm{lbs}, \$ 1.35$; 1 bull, 970 lbs , \$1.50; Dick Hartshorn, Sac and Fox Agency, 9 cows 746 lbs , $\$ 1.50$; Wilson Williams, Catoosa, J T, 24 steers, 944 lbs, $\$ 2.95 ; 28$ cows, $853 \mathrm{lbs}, \$ 2.15 ; 27$ heifers, $838 \mathrm{lbs}, \$ 2.55 ; 1 \mathrm{cow}, 1060 \mathrm{lbs}$, \$2.25; C W Turner, Muskogee, I T, 40 steers, $1163 \mathrm{lbs}, \$ 3.25 ; 3$ steers, 1073 lbs, $\$ 2.75$; Jas Parkinson, Red Fork, IT, 18 steers, $1245 \mathrm{lbs}, \$ 3.80 ; 22$ steers, 1132 lbs, 82.90 ; W E Gentry \& Co, Checota, I T, 159 steers, $1228 \mathrm{lbs}, \$ 3.25$. Agust $20-$ W E Halsell,Vinita, I T, 38 steers, 1228 lbs, $\$ 3.50$; 18 steers, $1073 \mathrm{lbs}, \$ 3.12 \downarrow ; 4$ cows, $892 \mathrm{lbs}, \$ 2.12 \frac{1}{2} ; 35$ steers, 1056 lbs , \$2.40; 22 steers, $1062 \mathrm{lbs}, \$ 2.95$; Wilson \& Williams, Catoosa, I T, 83 heifers, 834 \$lbs, $\$ 2.50$; 43 steers, 1028 lbs, $\$ 3.25$; 36 calves, $\$ 6.25$ each. August 24 -for C W Turner Muskogee, I T, 26 steers, $1008 \mathrm{lbs}, \$ 2.70$; N Skinner, Vinita, IT, 40 steers, $1188 \mathrm{lbs}, \$ 3.30 ; 81$ steers, 1193 lbs, $\$ 3.15 ; 21$ steers, $934 \mathrm{lbs}, \$ 2.50$; W C Edwards, Waggoner, I T, 21 steers, 1140 lbs , $\$ 2.80$; Gibson \& Edwards, Waggoner, 56 steers, $811 \mathrm{lbs}, \$ 2.50$; Gibson \& Cowan, Waggoner, 24 steers, 968 lbs, $\$ 2.50$; Gibson \& Allen, Waggoner, 80 steers, $824 \mathrm{lbs}, \$ 2.60 ; 28$ steers, $828 \mathrm{lbs}, \$ 2.65$; Cowden Bros, Waggoner, 98 steers, $968 \mathrm{lbs}, \$ 2.50 ; 1$ stag, $1370 \mathrm{lbs}, \$ 2.25$; Vanham \& Cowan, Waggoner, 77 steers, 863 lbs , 82.35 ; A A Chapman, Dublin, 11 cows, 769 lbs, $\$ 1.80 ; 17$ bulls, 902 lbs, $\$ 1.40 ; 4$ calves, $\$ 5.75$ each; D Waggoner \& Son, Harrold, 526 heifers, 651 lbs , $\$ 2.15$; C W Merchant, Waggoner, I T, 27 cows, 802 lbs, \$1.95; J H Tanner, Catoosa, I T, 28 cows, $833 \mathrm{lbs}, \$ 2.15$; 12 calves, $\$ 6$ each; P N Blackstone, Muskogee, I T, 41 cows, $755 \mathrm{lbs}, \$ 1.87 \frac{1}{2} ; 13$ cows, 726 lbs, $\$ 1.87 \frac{1}{2} 48$ steers, $952 \mathrm{lbs}, \$ 2.85 ; 25$ steers, $963 \mathrm{lbs}, \$ 2.70 ; 1$ bull, $1170 \mathrm{lbs}, \$ 1.40 ; 78$ calyes, $\$ 7.25$ each. August $25-\mathrm{S}$ J Newton, Seymour, 57 cows, 727 lbs , $\$ 2$; 23 steers, $964 \mathrm{lbs}, \$ 2.50 ; 81$ calves, 87.25 each; E H East, Fort Worth, 20 steers, $1054 \mathrm{lbs}, \$ 2.65$; E B Harrold, Fort Worth, 4 cows, $677 \mathrm{lbs}, \$ 2.15 ; 3$ cows, $770 \mathrm{lbs}, \$ 1.80$; Harrold \& East, 47 cows and heifers, 704 lbs, $\$ 1.85$; 25 cows, 694 lbs, $\$ 2 ; 15$ calves, $\$ 6.50$ each; Foley, Davis \& Co, Seymour, 28 cows, 780 lbs , $\$ 1.85 ; 23$ cows, $786 \mathrm{lbs}, \$ 1.85 ; 5$ steers, 914 lbs, $\$ 2.50$; 18 yearlings, 480 lbs, $\$ 2$; 58 calves, $\$ 6.50$ each; J Blanton, Hutto, 27 mixed cattle, $804 \mathrm{lbs}, \$ 1.90$; Jas Parkinson, Red Fork, I T, 22 steers, $1080 \mathrm{lbs}, \$ 3.65 ; 22$ cows, $928 \mathrm{lbs}, \$ 2.35$; 20 steers, $1210 \mathrm{lbs}, \$ 3.40$; J C Butler, Markley, 26 cows, 743 lbs , $\$ 2$; Jones \& Williams, Henrietta, 25 steers, 924 lbs , $\$ 2.70 ; 64$ cows and heifers, 715 lbs , $\$ 2$; 1 Wilson \& Williams, Catoosa, I T, 84 heifers, 773 lbs , $\$ 2.75$; W C Edwards, Waggoner, I T, 24 steers, 981 lbs, $\$ 2.50$; 23 steers, 963 lbs, $\$ 2.50$.
August 19-Scaling \& Tamblyn sold for Scott \& Fuller, Choteau, I T, 208 steers, $922 \mathrm{lbs}, \$ 2.65$; A J Davis,

Gainesville, 110 cows, $671 \mathrm{lbs}, \$ 1.85$; August 20-W J Strange, Chelsea, I T, 62 cows, $691 \mathrm{lbs}, \$ 1.75$; 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, I T, 23 steers, 1122 lbs , $\$ 3.25$ : 45 steers, $971 \mathrm{lbs}, \$ 2.85 ; 4$ steers, $900 \mathrm{lbs}, \$ 2.50$; Jno Millwee, Vinita, I T, 25 steers, $894 \mathrm{lbs}, \$ 2.55$; N Skinner, Vinita, 19 steers, $1055 \mathrm{lbs}, \$ 2.65 ; 168$ 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, $72 \mathrm{lbs}, \$ 2.37 \frac{1}{2}$. August $25-$ for W Scott, Catoosa, I T, 53 steers, 947 lbs, $\$ 2.90$; Mrs Scott Catoosa, 23 steers, 1175 lbs, $\$ 3.25$; H M Kidwell, Mineral Welis, 28 cows, 771 lbs , $\$ 1.85$; 1 bull, $1060 \mathrm{lbs}, \$ 1.25$; Clardy \& Higley, Sweet Water, 82 calves, $\$ 6$ each; 25 steers, $840 \mathrm{lbs}, \$ 2.25 ; 30$ cows, $682 \mathrm{lbs}, \$ 1.75 ; 43$ 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, $780 \mathrm{lbs}, \$ 1.90 ; 1$ cow, $820 \mathrm{lbs}, \$ 1.50$; S Webb, Bellevue, 7 cows, $671 \mathrm{lbs}, \$ 2.20$; 1 cow, $840 \mathrm{lbs}, \$ 1.75 ; 44$ calves, $\$ 6.75$ eaeh; 1 calf $\$ 8$.

Chieago 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 chan ge in prices.
The receipts of Texans Monday were 3500. Values were generally strong, with a slight advance. J. B. Wilson, Dallas, Texas, was here Monday with a train of Montana-Texas steers, averaging 1214 lbs , which were good enough to bring $\$ 4.25$.
Receipts in Texas division last week 17,477 cattle and 2203 calves. Counting what were unloaded in other divisions of the yards the number of cattle reached about 20,000 .
To-day's receipts were 7500 , of which 3000 were Texans, all of which were readily sold at fair, strong prices. Winfield Scott of Fort Worth had a string of Texas grass steers on to-day's market that weighed 1027 lbs and sold at $\$ 3.25$.
Harness \& Co. of Colorado City, Texas, had 500 muttons, averaging 88 pounds, on to-day's market. They sold at $\$ 4$ per 100 lbs .
The weather is nice and cool, and indications are that wé will now have a better market.
Texan.

## Kansas City Letter.

Stock Yards, Kansas City, $\}$
August 26, 1891.
Cattle receipts were light Saturday and over half Texas and Western. The
general feeling was stronger on anything of desirable quality than the middie of the week and many kinds sold a little higher. Rubbish was an exception.

The supply of native and fed or win-
tered rangers was small. The demand was a little better, and prices ranged from steady to 10 c higher. The quality was poor to fair and nothing good to choice was on sale. Buyers took cattle 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 $10 @ 15 \mathrm{c}$ rise, and some
$15 @ 20 \mathrm{c}$, 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 greater part of which were range tle. 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 wer
either unsatisfactorily low or missing altogether. The lightrun 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 one-third were Texas and Territory cattle. Calves sold at an advance of fully 50 cents a head while the feeling generally was better than last week. The weather is much cooler, the hot weather besng considered as
over for the season, a firmer and better market may now be confidently expected.

> Long Horn.

## St. Louis Market Letter. NATIONAL'STOCK YARDS, ILL.

The receipts at the beginning of the week were 4050 cattle, 1380 hogs and
750 sheep. There were about 3000 Texas and Indian cattle, and while the average was not lower in quality than usual the good cattle were scarce. Although advices were not favorable to commence with, there was a good and active demand and quick selling desirable cattle sold full ten cents higher than closing values of last week. This lasted only until about 2500 cattle were sold when the market weakened, and about the same as last Friday.
Receipts to-day 3800 cattle, 4300 hogs and 2800 sheep. The market, was strong and active. The range cattle on to-day's market numbered about 2500, mostly Texans. W. Scott shipped in a lot of his Territory-Texans, one car-load of them weighing 1175 pounds average, sold at 83.25 . This, however, was a crack; sale the cattle were ex tra good. Most of sales while active were at but little advance over last week's figures. It still takes a pretty
good Texas grass steer to bring $\$ 2.75$ while it requires a ripper to bring $\$ 3$, but they ean be good enough to bring $\$ 3.25$, as did Seott's one load, but few, however, reach this price.
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 $\$ 3.50(04$; stock wethers at $83.25 @ 3.60$; fair to good mixed loads of mutton grades are selling at $\$ 4 @ 4.75$. One lot of 400 Texas muttons, weighing 70 lbs , sold at $\$ 3.50$ per 100 yesterday. Rustler.

Reported by Albert Montgomery, Live Stock
Commmision Merchant, Stock Landing.
New Orleans, August 17, 1891

Cattle.-Good to choice beeves per b, $2 \downarrow$ @ $@$; common to fair beeyes, $2 @ 2 t$; good fat cows, $2 @ 2 t ;$ common to fair cows, 89 (a12; calves, $\$ 4.00(a 7.00$; yearlings, $86.00 @ 8.50$; good milch cows, $\$ 20 @$ 30 ; good, attractive springers, $\$ 15 @ 20$. Hogs.-Good, fat corn-fed per lb, gross, $5 \frac{5}{(a 5 d}$; common to fair, $4(a) 4$. SHEEP.-(iood fat sheep, eac $\$ 2.50 @ 3 ;$ common to fair $\$ 1.25(a 2$.
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 large; prices are weak and tending downwards. Poor stock is hard to sell
The market is farly supplied with hogs. Good fat stock steady as quoted. The sheep market is quiet. Poor stock reliable, except for good fat muttons.

The Domestic Doer
A matism is by taking one ounce of pulverized saltpeter and putting it in a pint of sweet oil. Bathe the parts
affected and a sound cure will speedily be made.
Pleasant Employment at Good Pay
The publishers of SEED-Time AND Harvest, an old established monthly, determined to greatly increase their subscription lists, will employ a number of active agents for the ensuing six months at $\$ 50.00$ PER MONTH or more if their services warrant it. To insule active work - an additional cash-
prize of $\$ 100.00$ will be awarded the agent who obtains the largest number of subscribers. "The early bird gets the worm" Send four silver dimes, or 202 -cent stapps with
your application, stating your age and territory desired, naming some prominent business man as reference as to your capabilities, and we will give you a trial. The 40 cents pays your own subscription and you will receive full particulars. Address

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"Shorthand by mail \&\%. One lesson free,"

## 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 of Chicago
Virgil, "sweet singer" and poet o twenty centuries ago, wrote: "Oh
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 corn. Some of them are very valuable
adjuncts to the farmer, for the crop can be cut and bundled as easy as grain Three years ago all the potatoes con sumed 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 esti-
mated that by close figures fifteen sacks a day are consumed of potatoes
raised in that vicinity and bring 43 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 rospect at least. eighteen years there has not boen a
failure to meet at the appointed time and place. Much of the good accom-
p!ished by such an or ranization depished by such an or gan wathon deits meetings are maintained. As soon fere with these its usefulness is on the

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 now ' If so, what is the use of fee ling in avoiding losses as in making a gain, and it is a very direct loss to continue
feeding any animal that is not increas-
ing in value. This is the time to look over your stock and determine what it

## Do not put off your preparations for winter until the snow flies. Sell all

## grind your feed and to cut the hay and fodder, and feed as a chop. Corn fod-

 run through a machine which crushes and splits the stalks and then cuts themto half inch lengths, will be eaten clean it 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 feed, and save your hay for market. Man is the only antual that
ice-cold drinks in hot weather wiser instinct of all domestic animals the surrounding air in summer, and in blood heat: Cows will often drink from some muddy pond white refusing cear
water from a deep well. To get them water from a drink the latter it should be pumped to warm all it will in the sun.

Has it have a surplus of any one forage that sheep are just the fellows you want to help equalize matters? There are no
other animals that will eat and thrive upon so many sorts of food, so, ininstead of providing a forage crop on
purpose for them, wait until yos see what you will have a surplus of, and then provision the sheep with that. that it be clean and wholesome, the take it and give you good return in wool and mutton.
The question of irrigation will ultimately have a wider range than it has been previously given. It will be ap
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 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 The "farm of the future" will be the
The harrow for cultivating the entire surface while the corn is small is an in dispensable implement in growing it for
fodder. It destroys small weeds in the rodder. It destroys sinall weeds in the
drill rows, and subsequent iultivation between the rows does the rest. The harrowing will, in most cases, do alt the corn also. When corn is put in for fodstalks 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 no: produce a greater veight, besides making the rop of better quality
The farmer often has a chance to buy cheap grains, elevator sweepings, screenings or the refuse from brewers before , but he should be well posted use carefully. Usually the seller knows the feeding value better
han the buyer, and he expects often there is damaged grain, chaff or oul seeds, that will do injury instead of good to the animals to which it is row on poor grain as fast as he can little good grain.
One reason why the sheep is more
valuable as an enricher of the soil upon 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 sheep would only take away in their
fleeces a-little less than 2 pounds of niheeces a-nttle less than 2 pounds of ni-
trogen and less. than 10 ounces of minral matter, while the cow, if she gave
4000 pounds of milk would 4000 pounds of milk, would take away
26 pounds of mineral fertilizer, largely 26 pounds of mineral fertilizer, largely nitrogen, or thirteen times as much nitrogen and forty-three times as much mineral as the six sheep. The six
sheep are supposed to weigh about the same number of pounds and eat about as much food as the cow, but they will
eat many plants that the cow does not

We.
eiterate what we said at harvest time. The farmer who sold only suffi and saved the balance will be found to the been the, wise man. But whe 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 market, and this from natural causes. The man with true business tact through every possible reading source. the top of the markot 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 mented by an extraordinary foreign de mand. The farmer will again insure the nation's prosperity hy adding to
the nation's wealth. Agriculture is the unfailing source of legitimate wealth. Its honest toilers avert panics in Wall street, start the looms and spindles, enrich the transportation companies, solve the problems of national finance and make the United States the richest, happiest and most powerful nation on the globe.
It has been supposed that Sea Island cotton would only grow successfully in States. A shipment of its seed has
been lately mide to Borneo Island, and American planters will watch the outcome with interest. During our civ
war attempts were made in various tropical atempts were made in vain, to replace wh .t America could no longer supply. But they all failed to produce cotton anywhere near as cheap as it had been furnished by Southern slave labor. The cotton was not of so good quality when grown in Egynt or India as that furnished by the South. Now cotton grown by Southern free labor
sells lower than it usuatly did in sells lower than
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, so much is because they are so well fed,
and it is the farmer who feeds them. and it is the farmer who feeds them.
The average consumption of meat in The average consumption of meat in pounds. of other civilized nations pounds. Great Britain exceeds 100 pounds, and many of them scarcely averag: 50 pounds. The consumption of
by man and beast, is three times as much, in' proportion to population, as in Europe. For the past ten year's the average has been 45 bushels for eac unit of population, while the usuai greatly from 16 bushels per annum. While all is not used as food 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 vear, over and above that of last year. and the ad vance of prices all along the line. The foreshadowing of this fact was what impelled us to say weeks ago, 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 $h \rightarrow$ could hold. Our
wheat crop is now estimated at 500,090 . 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.
eleven preceding crops.
As is well known, coru tassels are the male part of the corn plant, that furnish tue pollen, which, falling on the silk, fertilizes it and produces the
grain. The profusion of nature is such hat 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 vides 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 staks as well as upon the suckers. inat this blossoming is exhaustive is shown by the change of color from dark green of vigorous growing corn in lea 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 especialiy
apt to decry their calling as necessarily 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 rapidy, and ha a ber all the smal net income that may be saved on the farm will in the course of years aggremajority of those engaged in o: her majority of those engage
business can safely expect.

The oats have been harvested now, and have been or are being thrashed. On many farms huge straw stacks will be seen, exposed all winter to the ele-
ments, and not much use made of them. Perhaps the cattle will browse upon them somonal, tramping dif wore than they eat, and the hogs, if permit-
ted to will nest about the b ttom of them thus keeping continually overheated - 10 their own detriment. This straw is too valluable to handle in such for increasing the manure or complit heap, althourh that is better compost let it merely rot in the field. stored away under cover, and fed in combina tion wheat bran or oil meal, it will do capitally for stock cattle and for sheop, and will help very largely toward sav
ing the hay. Straw will pay just as ing the hay.
of the farm crons. the farm crops.
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 ex perimental station at Lafayette, Indi ana:
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
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 falle away, leaving only a bare stem whare it was. In both cases this black pow der consists of countless miaute 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 smail to be seen by the naked eye, can be des
troyed before the seed troyed before the seed is planted, no smut will injure the wheat for harvest.
Experiments have been conducted at the Purd de University experiment station, for the purpose of preventing these diseases, and a result of the wor here, the following remedy is presented For Stinking Smut-Fill a tub or hal barrel about two-thirds full of water warmed up to 140 to 145 degrees tem perature. Place a bushel of wheat seed in a lose or thin sack (say a coffee sack) and dip it into the tub and thor oughly 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 treat ment. By this method we have en tirely prevented the disease, while
seed from the same source seed from the same source, not treated caused a large loss in crop. The seed on the in twenty-four hours if spread on the barn floor, and occasionally turned. Oritcan be dried in a short
time if mixed in land plaster or dry

For Loose Smut-Our experiments only enable us to suggest treatment fo this disease the present year. which is only having the water ten degrees warmer ( 150 to 155 degrees). We be vent the treatment will largely pre Our the smat occurring in the crop Our experiments have shown us that
water at 135 degrees will not prevent disease
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 ex periment 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 ir 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 js 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 rive bottoms near Dayton, Ohio.
Some sows will lie on and kill many of their pigs, others will uever 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 feud 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 food is too great and sudden. Although the hog may have a stomach approaching iron in "knocks him out," sudden

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 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 agelegs, fine or medium bone, broad legs, fine or medium bone, brodd, girth and smooth head. The day of the long legged and long nosed hog is past.

The man who starts out to grow hogs in large numbers, because he reasons that the more he can have of them the better, is the man who usually gets disgusted with the business the quickest. great numbers take "way all the profits. With overcrowded pens there always comes a train of trouble. Every ex perienced 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 the orem food round keep. the green food around the fence corplied 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 rinced meal in mild laxative other 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 under its value not being generally under 100 pounds of it is equal to 300 pounds of 100 pounds of it is equal to 318 pounds of corn, anil to 767 pounds of wheat bran. Examine the market prices of each, and see if you
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 unimal.

## Hog values. <br> merican Swineherd

All conditions are favoring good prices for the growing erop 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 other words, increasiag the present demand while decreasing the suopls. 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 coru, 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

Hog dyspepsia is the forerunner of many hog ailments. It throws the sys tem 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 onty partly digested. instead of grow, and becomes "pqt bellied." He is uncomfortable himselt 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 other machinery, if continued to run 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 hem 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, hy regulating the feed, they can be gradually brought up again.

## The Fall Pigs.

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 then get an early start in growing to 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 much more than in the fall, the cost of wintering them will hardly be returned by the small additional weight. But when they get a good start in fall, and

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 few litters would not be much
Fall pigs can be marketed nine months from their birth, and if they not been properly fed and wintered. This cannot be dole, 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 ea
well before cold weather, and they cheap but strengthening diet. They should have comfortable but econom ical 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 combination of food, the digestive ele ments of which will furnish ample nutriment to grow the muscles, nervous tissues and bones, round out the frame and produce a healthy vital system Fat, as such, is not wanted till after the development of the frame, and corn meal, during this period, does not con tain the nutriment desired. After the full development, however, there is nothing equal to corn to lay the fat on The pigs should be weane 1 thoroughly, nd then put upon a system of muscle teing 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 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 trength.' By careful management : nd breeding, these two litters, one in the fall and one in the spring, can be reared successfully without too much crowd ing. This gives the two best seasons for securing a good start to grow with the young pig, and the best seasons to furnish for market.


ZABEL \& SAETTLER,
 Saddes, Harness, Brides

Whips, Blankets, Etc, We make a specialty of the celebrated Tack-
abery saddle. The demand for this saddle reabery saddle. The demand for this saddle re-
quires much effort to keep orders promptly
filled. and parties wanting it will do well to place their order at once to avold delay. We
will spare netther 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

## ZABEL \& SAETTLER,

Fort Worth.
Texas.

## TREES AND PLANTS

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PHOENIX NURSERY COMPANY


THE GREAT
LIVE STOCK EXPRESS
EROUTEE.

| Limited Live Stock Express |
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| ning via the |
| Trains now run |

Chicago \& Alton R. R.
Between Kansas City, Chicago, ST. Louls, ments via this line and thereby insure prompt and safe arrival of your consignments. The - foneer line in low rates and fast time. liable irlend. By calling on or writing either of the following stock agents, prompt information will be given.

$$
\begin{aligned}
& \text { J. NESBITT, given. } \\
& \text { General Live Stock Agent. St. Louis. } \\
& \text { Live Stock Agent, Fort Worthon, Tex. }
\end{aligned}
$$

Live Stock Agent, San Antorio. Tex.

Live Stock Agent, J. S. Yards. Chicago. Live Stock Agent, Kansas City Stock Yards Trav, Live Stock Agent, Fort Worth Tex.

## 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. Robartson 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.

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 Wednesda
E. C. Sugg, the Indian Territory cattleman, sends 2000 votes to be divi-
ded between two of the prouninent railroad live stock agents.
Capt. Bürke Burnett received several cars of cattle from E. M. Cobb, Thursday, and loaded them out for Ruu
ford, to be placed on his pasture.

James A. Wilson of the Chicago and Alton, the man who never told a falsehood in all hats, life, is slightly disfig ured 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.
H.L. Bentley of Abilene, Texas, offers
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 stuck 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 Phoenix 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 bas the best bred herd of both cattle and horses in Western Texas. He is now offering 125 high-grade steer yearlings for sale.
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 salelf 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 Texns steors. 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.
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 Kansas.
The Texas Live Stock Commission company, ot Chicago, Kansas City and St. Louis, is the only firm that sells exclusively Texas and Indian Territory cattle and no other. We are prepared
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.
THEMATADOR 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 coúnties 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.
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, $150 \mathrm{high}-$ grade 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, Jack County, Texas.
Crossing sometimes secures a bettir hog for fattening, but such animals should never be used for breeding. While they can be improved very rapidly by careful breeding they will run out equally fast with carelessness

## 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 1t. 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 ut 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 nieg hborhood is excited, and the occupation of the herders for the summer is gone.

Fine stock for Sale or Trade. On account of my farm being
at present over-stocked, I will sell or trade a choice lot o
brood mares and young stock. brood mares and young stock. I
have thorough bred mares, trotting. bred 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. Tue cattle market advanced fully ten cents per hundred over last week's prices. Choice cows finding ready sale at $\$ 1.50$, and choive steers were in demand at \$2. Veal calves sold readily at $\$ 2 @ 2.50$, and those weighing from 220 to 225 lbs brought $\$ 1.75 @ 2$ per 100 lbs A few goods bulls and stags would find a ready market at $\$ 1 @ 1.25$.
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 $\$ 4.60 @ 4.75$, and 175 to $200 \mathrm{lbs}, \$ 4.40 @$ 4.60. The Packing company are in the market for all the hogs they buy at these figures.
Sheep market steady; receipts nomi nal. Everything offered found ready sale at $2 \frac{1}{2} @ 3 c$.

## BY WIRE.

## KANSAS CITY.

Kansas City, Mo., Aug. 28-CattleReceipts, 4400; shipments, 200. Mar ket steady. Steers, $\$ 3 @ 5.65$; cows, $\$ 1.25 @ 3$; stockers and feeders, $\$ 2.50 @$ 345.

The following sales of range cattle, made to-day, shows present status of market:
American Pastoral Company, Amarillo, sold 234 steers, $1088 \mathrm{lbs}, \$ 2.50$; 81 steers, 1092 lbs , 82.50 .
Woods \& Mincie, Purcell, I 'T, 29
CZHMOITOS SINJWNOISNOS $\square$

## $\frac{5}{2 m p e m e}$

## 曰VANE-ENIDER-BUELOO., Live Stock Commission Merrhants. KANSAS CITY STOCK YARDS, <br> ```UNION STOCK YARDS,``` <br> NATIONAL STOCK YARDS, St. viair County, Il. <br> Directors-A. G. Evans, President; M. P. Buel, Vice-Presiden T. Atwater, Secretary

## Stewart \& Overstreet, <br> LIVE STOCK COMMISSION MERCHANTS National Stock Yards, <br> Illinois

## D. C. WAGNER. <br> WAGNER BROS. \& CO., <br> Live Stock Commission UNION STOCK YARDS, CHICACO.

All stock consigned to us at Chicago, St. Louis or Kansas City, will recei
cows, 792 lbs , $\$ 1.80 ; 27$ cows, 828 lbs , $\$ 1.75$; 5 heifers, 540 lbs , $\$ 1.30$.
Williams Bros, Purcell, I T, 28 steers, $892 \mathrm{lbs}, \$ 2.40 ; 26$ steers, $952 \mathrm{lbs}, \$ 2.35$. J P Baird, Purcell, I T, 44 steers, $959 \mathrm{lbs}, \$ 2.45 ; 45$ steers, $934 \mathrm{lbs}, \$ 2.45$; 24 cows, $790 \mathrm{lbs}, \$ 1.90$.
Mr Britt, 45 calves, each $\$ 5.50 ; 12$ heifers, $425 \mathrm{lbs}, \$ 1.25$.
Western Investment and security Co Clarendon, 16 bulls, 1303 lbs , \$1.20; 113 cows, $711 \mathrm{lbs}, \$ 1.40 ; 86$ cows, 726 lbs , $\$ 1.60 ; 179$ cows, $784 \mathrm{lbs}, \$ 1.65$.
G W Addington, Hamilton, 33 calves, $111 \mathrm{lbs}, \$ 4.25$ each
J H Parramore \& Co, Leliaetta, I T, 111 calves, $122 \mathrm{lbs}, \$ 4.50$ each; 140 cows, 824 lbs, $\$ 2$.
Hogs - Receipts, 3800; shipments, 1700. Market higher for all grades, $\$ 3.50 @ 4.25$.
Sheep-

## ST. LOUIS.

National Stock Yards, Ill., August 28, 1891.
Cattle-Receipts, 4400; shipments, 200. Market higher; good to farcy native steers, $84.90 @ 5.60$; fair to good native steers, $\$ 3 @ 5.10$; Texans and Indians, $\$ 2.50 @ 3.45$; canners, $\$ 1.60(\ldots$ 2.30 .

Belcher \& Belcher, Henrietta, sold 210 steers, $1102 \mathrm{lbs}, \$ 3.35$.
$\$ 1.75$.
-:-Larimer, Smith \& Bridgeford,:--
Live stork (ommission Herchants
Kansas City Stock Yards,
Highest market prices realized and satisfaction guaranteed. Market reports furnished free to shippers and feeders. Correspondence solicited. Reference:-The National Bank of W. M. Darlington.

## R. F. Quick Fred Boyden <br> John P. Beal

## Darlington, Quick \& Co.,

LIVE STOCK COMMISSION MERCHANTS, Chicago, Illinois.

## We are Always in the Market for Fat HOGS,CATTLE,VEALCALVES AND SHEEP <br> Dallas Dressed Beef and Packing Co.

## -



## C. L. SHATTUCK \& CO.

Union Stock Yards, - Chicago, III Capital $\$ 50,000$, Capital Represented $\$ 100,000$.

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. Cobb \& Wilcox, Henrietta, 25 steers $908 \mathrm{lbs}, \$ 1.65$.
J. Wilcox, Henrietta, 13 steers, 847 los, $\$ 2.60$; 16 cows, $726 \mathrm{lbs}, 83.75$.
J M Russell, Henrietta, 20 cows, 737 lbs, $\$ 1.80$.
White \& Wilkerson, Post Oak, 24 cows, 759 lbs , $\$ 1.80$.
Wilson \& Williams, Dallas, 112 heifers, shipped from Catoos ${ }^{4}, 788 \mathrm{lbs}$, $\$ 2.75$.

E Halsell, Tulsa, I T, 38 steers, $1096 \mathrm{lbs}, \$ 3.15 ; 35$ steers, $961 \mathrm{lbs}, \$ 2.90$; 24 steers, $951 \mathrm{lbs}, \$ 2.90$.
B W Rider, Chelsea, 113 cows, 767 lbs, \$1.75.

Hogs - Receipts, 4700 ; shipments, 1000. Market steady; pricés ranged \$4.70@5.35.
Sheep-Receipts, 3400 ; shipments 300. Market steady; fair to fancy, $\$ 2.70$ (a) 4.50 .

## CHICAGO.

Union Stock Yards, Chicago, August $27,1891$. Cattle-Receipts, 13,000. Market fairly active, steady to strong. Prime to extra steers, $\$ 5.90(a 6.20 ;$ Texans, $\$ 2.25(a 3.25$; stockers, $\$ 2.25(a 3.60$; rangers, $83.50(34.25$. Receipts, $14,358 \mathrm{lbs}$; shipments, 51,000 lbs. Market quiet.
Boston, Mass., Aug. 27.-WoolIn less demund, but prices are fairly maintained.

Galveston, Tex., Aug. 27.-WoolMarket closed quiet.

## Unscoured wool-

| Unscoured wool |  |  |
| :---: | :---: | :---: |
| Spring,twelve months' clip | Thisday. | Yesterday. |
| Fine | 18@90 | 17 (1) 19 |
| Medium | 19022 | 18@91 |
| Fine. | 17@90 | $15 @ 18$ |
| Medium | 17(a) 3 | 18 1919 |
| Mexican improved | $13 \times 15$ | 121/2m15 |
| Mexican carpet | $12 \times 14$ | $11(12$ |

The colossal speed programme of the Texas State Fair at Dallas, is worthy of the earnest attention of horsemen o 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 stan-
dard of stock and add to the dollars in dard of stock and add to the dollars in
the business. No man ever kept a poor the business. No man ever kspt a poor
animal entire and for service but that animal entire and for service but that
in the end there was loss rather than in the end there was loss rather than
gain. Go to the fairs this fall and exgain. Go to the fairs amine 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 la:gest gently is the one who gro

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 some secret process has been used for horse shoes for centuries. American
invertors should give us something of this sort of paper? If that material will
answer for car wheels, it surely will for horse shoes.

One of the most important publications ever issued by the department of diseases of the horse, It contains many valuable suggestions upon the care of the horse while in health, and the ing feeding, it gives some advice which we think worth calling attention to give a horse food, and plenty of it, that Michener especially cautions against sudden ehanges of food; he says they of changing the food, do it gradually. a sudden change to corn, and full feed in $\varepsilon$ of that
given be increased suddenly even though there be a corresponding inthe amount of food given should be a nearly as possible in proportion to the it begin in time, so that it need not be done all at once.
He who treats his horse as he treats himself will not make any mistake provided, of course, that the man is endowed with ordinary "horse sense." What man, after a hard run on a hot
day, would jump under a shower bath day, would jump under a shower bath :
Some men have tried and have died. Yet men have been known to turn the hosed on a heated horse, or dash cold water over him, and thiuk they were doing him a good tuin. Everylody knows how refreshing it is to bathe the face in cold water when heated, and to rinse the mouth, but to use it to freely over the heated body is a very danger-
ous experiment. The quickest way to
cool off in summer is to hold the wrist under the faucet, for there the blood comes nearest the surface and is quick. est cooled. But nobody with a weak heart should try it, and even s very hot and the water very old, may suffer irreparable injury ust the same care must be used in the application of water to horses. They are not so delicate as human beings, careful handting.

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 n entertainment, and yet how ard pains. Obedient, submissive, docile, intelligent, all the latent powers of instinct developed to almost eloquent reason. These qualities often lay dor mant 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 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 ard be no use to any it may serve ąs 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 pleas-
ure and profit to mankind, when directed in proper channels, whether draft or pleasure driving, speed, trick

To th Rockis and Beyo nd.
The Fort Worth and Denver City Railway Co. and the Union Pacific ystem are now offering unequalled facilities to summer tourists contem plating an outing during - the heated term. Special round trip tickets are now on sale at greatly reduced rates to all the principal summer resorts in Col orado, Wyoming, Idaho, Montana,
California, Oregon and Washington, good to return October 31st, except Paific coast tickets, which are good for ix months from date of sule.
This route takes you through the great Panhandle of Texas and the mountains of Colorado by daylight, and is the quickest and best route to al summer resorts. Elegant day coaches, have made this the favorite line to all points West and Northwest. Be sure to see that your ticket reads via the and Union Pacific system.

HOME-SEEKERS, ATTEENTION ! The Panhandle country tributary t
the line of the Fort Worth and Denve City railway, is now recognized and ad mitted to be the greatest wheat pro ducing, agricultural and fruit country in the United States, offering to home elsewhere.
For rates, pamphlets, etc., call on o address any coupon agent in Texas, or General Pass. and Ticket Agent, For Worth and Denver City Railway, Fort Worth, Texas
E. L. Lomax,
. P. \& T. A., Union Pacific System,
Read the Journal for all kingls of live stock and farm news.

FORT WORTH IHON WORKS Fort Worth, Texas.

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THE U. S. SOLID WHEEL.


It is the best and most successful pump g Wind Mill ever made.
LONG STROKE,
SOLID and
DURABLE
HORSE POWERS, tread or sweep, PUMPING JACKS, best in marke Feed Cutters, Pear Cutters, pipe, Well Casing, Engines, Farn
Pumps, Ranch Pumps, Hose, Belting, Brass Goods, Tanks, Well Drilling Machines, Grinding Machines.
If you want any of the above, or it you want farm
r ranch fitted with a water outfit, get our catalogues. or ranch fitted with a water outhit, get our catalogues
t will cost you but little and may pay you well

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Corner Throckmorton and First Streets,



TO ALLPOINTS NORTH AND EAST Through Trains Carry PULLMAN SLEEPERS CHICAGO, ST. LOUIS and KANSAS CITY. FREE RECLINING CHAIR CARS TAYLOR, KANSAS CITY and HANNIBAL. ast trains of eastern and Northern lines, make New York, Boston,

Montreal and St. Paul. E. SMITH. Fiuket Agent, corner Fourth and D. LUSK, Ticket Agent, Union Depot. Agent
WALDO, Vic-President and General Traffic Manager, Sedalia Mo. ${ }^{\text {M. P. HUGHES, Ass't Gen. Pass. Ag't, Dallas }}$ STON MESLIER, Gen. Pass. and Ticket
Ag't, Sedalia. Mo.

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Pullman Buffet Sleepers

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abte ominibus transfer across that clity

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Connecting with through trains to all Cheap excursion tickets on sale to St. Louis, hent summer resorts.
All further information cheerfully furnished G. W. BARNHART,
General Agent, 401 Main St.. Ft. Wørth, Tex 'en'l Pass'r Ag't, Lines in Teyas, Texarkana,

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Captain M. M. Langhorn, Independence, Mo. Theodore L. Langhorn, Independence,
Mo; Mrs. Mary Howel, Bowingarisonville,
Ming Mreen, Mo.
 Uity, Mo, A. Liftus, Shawnee, Kan. Kansas
Ontion ation free. Address, E. O. Emith, M. D.?
1103 Main btreet, Fansas Oity, Ma.

## 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 butter can be made from any of them if 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 r rquires 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 butch-
er's services, or the ultimato need of a er's services, or the ultimate
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 produets, 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 constanding of the dairy business and con-
sequent profit to all interested in it.
A correspondent asks us to define the terms "creamery" and "dairy," as applied 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 separatoc system, the other as the gathered cream system. By the first method, which is now in arought un the creamery and there is brought to the creamery and there set else run through a separator which else run througr a separator which
separates the cream from the milk at separates the cream milk is then either made up into cheese, fed to the stock made up into cheese, fed to the stock to the farm to be fed. By carried back cream system, the milk is set in cans on the farm and a wagon goes over the on the farm and a wagon goes over the the milk for home feeding. Butter made under the first system usually commands a little higher price in the market than that made from gatbered cream.

## 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 te ring up the earth. They eat salt, dirt and all, and when a fill-up is had, away to the stream or trough, to slake the inordinate thirst
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 injurieus. 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 aver-
ages 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 stoek. A lump weighing five to fifty pounds should be kept where the horses or other animals can get to it at all times-in the manger in the barn or in a box with one side 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, sev eral lumps the size of a large orange should be placed in the bottom of the feed box. We bslieve there would not be one case of colic or heavez, 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

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 them to go until frantic, and then give four or five times as much as they ought


## HEEEPMMEIN,

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Letter to the proprietors of the COOPER SHEEP DIP, from Mr. H. Braehvo-
gel, Manager for Mr. L. Huning, Los Lunas, New Mexico.

|  |
| :---: |
| I hope you will keep up the quality of the powder. $I$ consider it the only reliable medicine for seab I know, and I know I have used the most of them. |

Oilly Reliable Scab Cure in the World!

## WILLIAM COOPER \& NEPHEWS,



The Sheepman's Guide to Dipping and Cure of the Scab,

Medical and Surgical Sanitarium,
For the Treatment of all Chronic and $\pm \pm=2 \mathrm{~V}=\mathrm{Z}$
 $52=2=2$ DDSEASES BofFiHE NERVOUS SYSTEM, Private, Special or Nervoan Disar.
 treated In the most $\mathbf{S k l l i f u l}$ and sclentific manner. All ine moastifisult of the EVE and EAR and night. Con
Or. Kansas Clity Medical and Surgical Sanitarlum,
Ith \& Broadway, KANSAS CITY, MO
Fivest IN ationail Bennlx, CORNER HOUSTON AND SECOND STREETS, FORT WORTH, TEXAS.

##  LOUISVILLE, KY. <br> CHICACO VETERINARY COLLEGE <br> The most successfu: college on this continent. For further particulars address the Secrotary,

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 thie stock in better condition through the long season of green grass feeding. Then too, rock-salt is a means of keeping 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 pr 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.

## R. Strahorn d Co.'s Weekly Lett Chicago; Monday, Aug. 24, 1891 Eaitor Texas Live Stock Journal.

With less than 3000 Texans last Tues day, and half of those billed to slaught erers, 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 a 83.65 and 83.75 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 $\$ 2.40(a 2.80$ for $800 @ 1100 \mathrm{lb}$ averages. We sold the Higbee cattle at $\$ 2.40$, average 738 lbs , and the Farmer lot, 1024 lbs , 33.40 , with ear tailings at 82.85. To-day we had 2500 and gained in price about what we lost iast week. Our cattle sold at 82.65 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 22.90. 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 $\$ 1.50(\omega 1.75$; cows, $\$ 1.75(a 225$; canning steers, $\$ 2.25(42.50)$ dressed beef, $\$ 2.60$ (a3.10; with an occasional sale at $\$ 3.25$ ( 03.75 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 Mentana-Texans sold to-day at $\$ 4.25-\mathrm{a}$ big lot, a good lot, and a good price.

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 eare of all maturing mortgages. It so happens that the crops are short in Europe, and we are prepared to supply the defleieney. 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 cent: 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 in a degree which will leave him no room for just complaint.

It is easy to understand that th marked improvement in the condition of agricultural affairs must have a con siderable 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 or 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 prevaifed 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 circum stances; 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 unan swerable. 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 hy those who have at least a reasonable pretext for such conduct.

What is lackin, is truth and confiaence. If there were absotute truth on 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 saywe can't cure you (make it personal, please), of catarrh in the head, in any forin or stage, we'll pay you $\$ 500$ for your trouble in making the trial." "An isn't it fake, you say. Funny ness to hoalth when the remedy is pos itive and the guarantee absolute. Wise men don't put money back of "fakes," And "faking" doesn't pay

Magical little granules-those tiny sugar-coated Pellets of Dr. Piercescarcely larger than mustard seeds, ye powerful to cure-active, yet mild in operation. The best Liver Pill ever invented. Cure sick headache, dizzi ness, corstipation. One a dose.

Eclipseand Star Mills.
We make a specialty of water supply for ranches, stock farms, city factorie or residences. Furnish horse powers, pumping jacks and well drilling ma chinery. 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 etc. We repair boilers, engines and
all kinds of machinery. The pioneer all kinds of mactinery. The pionee house in rexas.
F. F. Collins Manufacturing Co.,

Fort Worth and San Antonio, Tex
Fort worfl de kio grande Railiroad Stockmen, Attention
Our stock pens at Brownwood are completed. We will be ready to re ceive 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.

Shippers to or via St. Louis
Should bill their Live Stock care of

## The St. Louis Merchants' Bridge.

Thus avoiding the tunnel and the delays and annoyances connected with same. The man agement of the Merchants bridge is alive to the necessity of transferring live stock with the least possible delay. Every
have no cause for complaint. ve no cause for complaint.
Texas shippers can save several hours by billing as above

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Galveston, Houston, Cleburne, Fort Worth or Dallas and Chicago, St. Louis, Kansas City, Wichita, Pueblo or Denver,

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beral advances made on consignments. Their special reports of market furnished on request.
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Secrets of Success.


History has taught me that success never Some of our merson without personal effort. Hon. John Sherman never could accomplish his act in resuming specie payment while Serpersonal effort he did, to the surprise of all. 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 $\$ 1.25$. Through this one book 1 tell you all for \$1.25.
it contains more practioal informution than
many books sold for double the amoul many books sold for double the amount. All
subjects are brief but to the point. Mailed on
receipt of price, 81.25 .
H. H. DEWEESE,
 Piqua, Ohio.

## TEXAS

North and East.
Everybody having friends desirous of visit tage of the cheap excursions rates, authorized COTTON BELT ROUTE On August 95 . September 15 and 29. Tickets
good for 30 days.
All Northern end Eastern lines will also sell
excursion tickets on the above dates via St.
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COMMISSION MERCHANTS,
100 and 102 N. Main and 101 and 103 ComSt. Louis,

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Chicago,
Illinois.
Correspondence pue Consignments solicited.


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 oughly taught Writing Shorthand, etc., tho oughly taught by MAIL at LOW RATES
Seven years' success. Trial lesson and circu
rars free fars free. Bryant \& Stratton, 34 Lafayett
St., Buffalo, N. Y.


Twenty-five Thoroughbred Hereford Bulls 18 to 22 Months Old.

Sired by such bulls as Prince Edward, 7001
Royal 16th, 6459 ; Anxiety $2 \mathrm{~d}, 4580$; Hesiod, 11,975 (By Grove2d, 2490 ). Park herd: all recorded.
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снicago, ile
Choice Lands for Sale.
Four leagues, or 17,712 acres in solid block
in south part of Archer county, subdivided in 160 -acre tracts. Rich farming land. Price in
a lump or small tracts $\$ 6$ to $\$ 7$ per acre. Rail a lump or small tracts $\$ 6$ to $\$ 7$ per acre. Rail-
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100 acres in wheat. Price including the crop 88 per acre.
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640 acres of good creek valley land twelve
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Hereford Bulls and Heifers
For Sale by W. S. IKARD, Henrietta, Tex. Have a lot constantly for sale of high-grade
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 In a solid body in Uvalde county, thirty-sixmiles from station, well grassed, abundance of never-failing water fed by good springs, all
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 Geo. A. \& R. I. Page of East Bethany, N. Y..will ship August 15, 1891, to F. L. Ide of Mor-
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Young stock of both sexes for sale. Also a few A. J. C. C. cattle for sale.
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1 farm, 640 acres, Tarrant county.
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Twenty head of thoroughbred Dickinson Delaine mutton Merino rams for sale at low prices, These rams are $21 / 2$ years old, bred by H. G. MoDowell of Canton, Ohio, and imported last fall. They are very hardy, having win-
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We have recently stocked this beautifu
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