

### His Corn Failed

But J. S. Coley of Naples, Texas, had taken the JOURNAL'S advice and planted peanuts as a substitute feed for his hogs. The experiment proved entirely satisfactory and saved him a considerable sum.

### AS SEEN IN THE EAST.

#### IMPORTANCE OF FORT WORTH AS A LIVE STOCK CENTER.

Fort Worth as a big packing center does not sound so absurd when one stops to recall the fact that Texas has about 5,000,000 people and 10,000,000 cattle, besides quite 2,600,000 hogs and nearly 4,000,000 sheep, or over 17,000,000 of abattoir stock, says the National Provisioner. In this connection, also, it must be remembered that Texas is a large and cheap grain producing state, and the chief producer of cotton seed meal and cake. Texas as a large producer of cheap range cattle and producer of cheap feedstuffs for finishing beefs, holds naturally a strong position for meat production. Fort Worth is in the center of all its favoritism. It is proper, then, that Fort Worth should be the collecting and distributing center for this trade. That is not all. Texans are large consumers of lard and other by-products of the hog, as well as of the beef steer, and the present freight rates from Northern points to points in Texas are high. These will be in favor of a local plant. Besides, Fort Worth is in close shipping proximity to the large consuming centers of Mississippi, Alabama and Louisiana. It is also conveniently near the important ports of New Orleans and Galveston. All of these points favor this Texas packing center.

The article then goes on to describe the dimensions of the Armour establishment, as previously enumerated in these columns and continues with a statement to the effect that the killing capacity of such a plant will be fully 1,000 cattle, 2,000 hogs and 2,500 sheep daily, or a packing capacity of about 5,000 carcasses. The handling of this number of live stock every week day and the working of the products of their bodies into meat and the by-products into articles of commerce means the employment of thousands of men in the sixteen factories which go to make the complete plant.

The Swift plant, says the Provisioner, will comprise a few hundred buildings, but will have an equal capacity with the Armour plant.

#### COL. POOLE AT SAN ANGELO.

I reached San Angelo at 1:30 a. m. An unreasonable hour for the traveling public. On Tuesday morning a host of old friends extended to me the right hand of fellowship and bade me a hearty welcome. Among them Felix Manu, S. W. Merchant, Joe Funk, Colonel A. J. Baker, Judge Timmons, Pat Murphy, M. O. Davis, Willis Johnson, Judge Joe Spencer and many others, too numerous to mention. I stopped at the popular Landon hotel. Mr. and Mrs. Landon know how to make their guests feel at home. About noon the gray headed confederate veterans and their families commenced rolling into town. They came mule back, horse back, in wagons, buggies, hacks—any old way to get there. I hailed an old friend in a wagon with his family from away out on south Concho and asked what he was doing there. He replied none of your business. Mr. Stock Journal man. The reunion grounds selected for the occasion were out east of San Angelo three miles. In the Willis Johnson pasture on the banks of the beautiful sparkling Concho river in a dense pecan grove. Wednesday morning, in company with Judge Calhoun of Eastland, we rode out to the grounds behind one of Nasworthy's fast steppers. The hack Jehus only charged fifty cents the round trip—cheap enough. The grounds were beautifully decorated suitable for the occasion. The old vets were called to order at 9:30, the roll called, etc. Then the welcome address was delivered by Judge Wright of San Angelo and the response by Judge Calhoun of Eastland. Colonel A. J. Baker then delivered one of the best speeches for an occasion like this that I ever heard. It was a grand oration. Then dinner was announced. Everybody came loaded with something good for the inner man. I was not three seconds in accepting an invitation to dinner from my old time friends, Mr. and Mrs. James Swift of Ballinger, who were camped on the grounds. I shared their hospitality long years ago and knew Mrs. Swift was loaded with something good to eat. The way Judge Calhoun and I made way with cold ham, chicken cakes and pies would astonish a Methodist preacher. The Winters band made sweet music for the occasion. This band wears the name of the little town it hails from sixteen miles north of Ballinger. A young lady, Miss Grant, is one of the members. All honor to this little band, for it is one among the best in all Texas. Yes, it would be an honor to any of the large cities.

After dinner war experiences by old comrades were in order. A large number of the old "vets" entertained us with reminiscences of what went on along the marches and around the camp fires from '61 to '65. Many tears were shed in the audience as they related of the brave boys who fell in defense of the southland, and the good advice their dear, good mothers, sisters and sweethearts gave them on leaving home for the great struggle, and the bitter tears shed by those noble southern ladies—God bless them. No such heroism was ever displayed by women on earth as by those sweet, good moth-

# The Texas Stock Journal.

DEVOTED TO THE LIVE STOCK INTERESTS OF TEXAS AND THE SOUTHWEST.

VOL. XXIII, No. 21  
Established 1880.

DALLAS

FORT WORTH, TEXAS, AUGUST 19, 1902

SAN ANTONIO

### Gratifying Results

Have attended the use of the JOURNAL'S advertising columns by Dr. J. H. Terrill, President of the Medical and Surgical Institute of that name. He strongly recommends this paper as a business getter.

### IDEAS OF A BREEDER.

#### HE URGES FANCIERS OF RED POLLED CATTLE TO WORK TOGETHER.

The second day a Daughters of the Confederacy program was presented, under auspices of the officers, Mrs. Colonel A. J. Baker, president; Mrs. Lidia Foreman, first vice-president; Mrs. Itasca Powell, second vice-president; Mrs. F. B. Magruder, third vice-president; Mrs. Blake Taylor, recording secretary; Mrs. Alma K. Burns, corresponding secretary; Mrs. Lula Roberts Johnson, treasurer, and Mrs. Cora West Keeton, historian. The address of welcome was delivered by Miss Male Forman, who, by the way, is a beautiful young lady, her address was grand—one among the best I ever heard delivered. She held the audience spellbound. Miss Foreman is a true, typical sweet southern girl. A recitation by Miss Lula Adams was splendid also and was heartily cheered. Miss Adams is just as sweet as she can be. Now, I do not blame you Anglo boys for loving such sweet girls. I cannot help loving them myself. In fact, I do not intend to try, no matter what the consequences are. Next came a drill by six little girls which was an honor to the association. Then dinner was announced. I commenced saying "yes" before Mrs. Colonel Baker could say take dinner with us. Colonel and Mrs. Baker will not forget soon how a hungry newspaper man can store away good grub. Many thanks to Mrs. Swift and Mrs. Baker for nice attentions.

After dinner there was more speaking. Judge Calhoun captured the entire audience. For one hour and forty minutes he kept the old vets cheering. They all shook his hand heartily. Colonel Baker and Judge Calhoun reminded me of the old lady's hen when she sat on thirteen goose eggs—they spread themselves. Miss Foreman has promised to send me that speech she delivered. I want the old "vets" who are readers of the Journal to read it.

San Angelo is improving rapidly and is the hub for all the Concho country stockmen. The San Angelo Standard and the Press placed me under many obligations for so many nice attentions during my stay there. Pat Murphy, editor of the Standard, is such a bashful cuss, though. I hope some of those sweet girls will pop the question to him.

I met many stockmen there from several counties. One and all report fine rains all over the country, plenty of water and grass for the coming winter and all kinds of stock in fine condition. I will have something to say about this town and country next week. Now, gentle reader, pleasant dreams for you. Good night.

#### C. C. POOLE.

Ballinger, Tex., Saturday night, Aug. 9.

#### TEXAS RANCH ON CANVAS.

At last the Texas ranch has won the appreciation of an artist to the extent that it has been faithfully reproduced on canvas by an acknowledged adept in the use of the brush. Mr. Thomas Brown of San Antonio is the painter who has thus distinguished himself.

The scene is around the ranch houses on the Santa Gertrudes ranch, belonging to Mrs. H. M. King, in Nueces and neighboring counties. The objects are bathed in a grayish tinge, which renders the perspective and atmospheric effect particularly fine. In the foreground are several specimens of white-faced Hereford cattle, each of which is a study. Decided character has been given the field by placing rugged cactus and a growth of weeds and grass in the foreground, which is sublimated into a grayish pink in the distance. The field sweeps majestically upward and is crowned by the ranch houses, which are flanked by the servants' quarters of seven or eight houses lower down the slope. Mesquite trees, which are particularly hard to paint because of their lack of character, and their fuzzy appearance, have been grouped in the landscape, and under the trees is a suggestion of cattle, which are watched by a cowboy on horseback in the foreground.

There is a windmill at one side and the suggestion of a tank through the brush. The sky is of a decided blue, and is overcast with purplish clouds. The whole scene is bathed in the hazy subdued morning sunshine, characteristic of Southwest Texas. The picture is full of character and life, and is a typical of ranch life in Mrs. King's section. It was ordered painted by Mrs. King, and she has expressed her satisfaction with the work, which reflects great credit upon the artist.

#### MEXICAN CATTLE RUN LIGHT.

The run of Mexican cattle to Kansas City markets has dwindled to almost nothing as compared with last year. A table prepared by the bureau of animal industry at Kansas City shows that last month the total number slaughtered there was only twenty-two head, compared to 2579 a year ago. The falling off is attributed to the drought in the Southwest, which tended to keep their stock below the line. A government quarantine against infected districts of Mexico was another cause.

#### "TAILINGS" COME HIGH.

J. M. Rhodes, a big cattle feeder of Frankfort, Marshall county, Kansas, has been creating a furore on the Kansas City market by disposing of his "tailings" for the season at \$8 per hundred. They were long yearling Gallows, averaging 1214 pounds. All were undeniably good and showed that they had been carefully reared, but were only what he had left after marketing his best stock. Mr. Rhodes has on hand 600 head which he will begin feeding soon.

### IDEAS OF A BREEDER.

#### HE URGES FANCIERS OF RED POLLED CATTLE TO WORK TOGETHER.

The Journal: In March at the Fat Stock show in Fort Worth the Red Polled Cattle breeders of Texas manifested considerable interest in their respective breeds by organizing the Texas Red Polled Cattle Breeders association. It is hoped the breeders of Red Polled will not stop with the organization, but will push the Red Polled to their place among the best beef breeds in the state. The Red Polled breeders have competitors in developing beef breeds. Their competitors are men of great intelligence and energy. They don't spare any time or means necessary to keep their respective cattle to the front as high bred types. However, the Red Polled breeders do not envy their competitors, but congratulate them in the enjoyment of the profits attained by the earnest and energetic manner in which they have applied themselves to their respective lines of breeding. It is hoped the Red Polled breeders will also take a lively interest in preparing their cattle for the fairs and fat stock shows throughout the state. It is also hoped that the secretary of the Texas Red Polled Cattle Breeders association will work up an understanding among the breeders of Red Polled for an exhibit of their cattle at the fair and fat stock shows and offer a reward for the best exhibits, there being room in the market for more than one beef breed; and as the demand for good stuff is daily increasing we have no reason to fear that the supply of good stuff will ever exceed the demand. O. N. VAUGHN.

#### Coleman, Tex.

#### POLAND-CHINA SHOW OFF.

The proposed exhibit of Poland China hogs which was to have been held as a part of the American Royal Cattle and Swine show at Kansas City in the fall, has been called off on account of the seeming indifference of breeders of this strain. Frank D. Winn, secretary of the committee which has charge of the work, recently issued a statement in which he reviews at length the unselfish efforts of the committee to secure a representative exhibit and declares that neither he or his associates had any personal axes to grind. Attention is called to the fact that a majority of the members voted \$500 for prizes, but that the minority saw fit to annul that action by refusing or neglecting to pay over the money as directed by the stockholders.

At a meeting held in Kansas City of the executive committee of the Poland-China and the Berkshire breeders, on July 27, the Berkshire committee would not accept \$1,000 that was raised by Mr. Winn in Kansas City to be applied as prize money, even though he offered to divide it up equally with the Berkshire people, on the ground that it was a breeders' show and that the citizens of Kansas City ought not to be asked to help for the swine show alone.

As a protest against this alleged injustice Mr. Winn decided to withdraw the Poland-China association from participation.

#### HEADING OFF TICK FEVER.

Cattlemen in the vicinity of Kansas City, Kas., are making heroic efforts to head off a threatened outbreak of tick fever. At a meeting recently held there about fifteen prominent cattle raisers and shippers of the southern part of the state in attendance, and they reached some agreements with the Missouri Pacific railway and the state cattle inspectors. The cattleman café with the plan in view of doing away with the stock yards in Davidson and Elgin, on the Missouri Pacific, but before they had finished their meeting satisfactory arrangements had been made, and the yards will still be used. About a month ago the fever made its appearance in the herds of the Kansas cattlemen and caused them less aggregating many head. It is claimed that on account of the wet weather of this spring and early summer, the fever ticks have been washed over the line to the state, and native cattle have been infected. The object of this meeting was to remedy this difficulty. A. L. Price, live stock agent for the Missouri Pacific railway at Wichita, was in attendance, and he agreed to have the road observe the quarter of a mile line. It appears that heretofore the cattle have been run along the Kansas fence and now the Texas cattle will be kept a quarter of a mile away from the line.

#### CATTLEMEN TO RETALIATE.

James M. Daugherty, a prominent cattleman of Abilene, is authority for the statement that fully a million head of cattle will be removed from Texas and New Mexico before next spring on account of the attitude of the federal government towards drift fences. In an interview at Fort Worth, Thursday, he said:

"It may be good policy on the part of the United States and Texas to drive the cattle from the New Mexico country and the western part of this state, but it will result in at least a million head of cattle being sent to the North-west and Canada. I believe that Canada will get the greater portion of them and will derive the benefit of the taxes. There has been a whole lot of fuss

### LOVING A CANDIDATE.

#### HE AGAIN SEEKS THE SECRETARYSHIP OF THE CATTLE RAISERS' ASSOCIATION.

At the next annual convention of the Texas Cattle Raisers' association, to be held at El Paso in March, Secretary J. C. Loving of Fort Worth, will be an avowed candidate for re-election. It has been understood all along that Mr. Loving desired to retire from the office on account of ill health. Since that time his condition has considerably improved and the announcement that he is willing to perform the duties of that office another year is highly gratifying to his friends. Formal announcement of Mr. Loving's desire to serve the association another year is contained in the following letter, sent out to the members:

Dear Sir:—At the annual meeting of the Cattle Raisers' association of Texas in March last I made the announcement to the members that this would be the last year I would serve the association as secretary. Since then I have been solicited by many of the members to continue with the association, rendering the same service that I have rendered for more than twenty-five years. Appreciating their wishes in regard to continuing my services with the association, and the further that my health has been fully restored and is now as good as at any time during my life, I have decided to continue my services with the association as secretary, provided the members wish me to do so. Having made the announcement, and for the reason given above changed my mind, I deem it proper to notify you by this letter.

I am proud of the honor the members have conferred upon me from year to year by selecting me secretary of the association, and will promise that in the future, as in the past, I will serve them to the very best of my ability, and will appreciate beyond my power to express the honor they will confer upon me by electing me secretary at the annual meeting in March, 1903, at El Paso, at which place our next annual meeting will be held.

Hoping to hear from you, I am yours very truly,  
J. C. LOVING.

(Now that Capt. J. C. Loving has announced he is a candidate for re-election to the position of secretary of the Cattle Raisers' association, we take it that there will not be any other candidate for that position. He is in the best of health, and few men have served in any position twenty-five years as he has in the position of secretary of the association so acceptably. He is in touch with all the interests of the association, and perhaps, the best informed man as to the needs of the organization, and the methods of holding together its large membership. He is uniformly courteous and considerate of all who come in contact with him, and it is not saying too much to assert that we doubt if any one could be found to fill his place acceptably. We feel sure that the association will be glad to have him hold the position so long as it was agreeable to him to do so. He was one of the original charter members, and has constantly devoted his time to the association ever since.)—Editor.

#### A WORD FOR THE HORSE.

Marble Falls, Texas, Aug. 6th. To the Journal: Hurrah for the Michigan legislature for making "docking" a criminal offense. How long will the barbarous and most useless habit be kept up of using blind bridles and the blinkers which ruin our Texas companies? Why not use a crupper? The collars which are used for draft horses should be open at the bottom, so that the shoulders could move freely; and the hame-hooks should be movable, so they could be "raised" for plowing and lowered for hauling loads in a wagon. Why not forbid the use of check-reins? Why not forbid the riding of a pony by two men, or big lazy boys, at once? Is not one person heavy enough to carry? Why not forbid the use of sharp spurs, and hurting saddles, and severe bridle-bits, and hurting collars, and old, worn-out, hard, stiff, dirty saddle-blankets and saddle-girths, and rubbing traces, and too-short singletrees, etc? Verily, if the poor draft horses and mules and ponies could speak, they could, in many cases, tell heart-rending tales of barbarism under which they must suffer. How is it possible that parents do not in all cases teach their boys to treat all dumb brutes kindly and reasonably? In some cases, we even see the girls maltreat their horses, especially when they want to drive unreasonably fast, up-hill as well as down-hill. Hoping that this may do at least a little good, I remain,  
Yours truly,  
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#### BIG CREAMERY FAILS.

News has been received of the failure of the Elgin Creamery Co., which operates 135 creameries throughout Illinois, Iowa and Wisconsin. The creditors are estimated to number nearly 10,000, over 8000 being farmers. The American Trust and Savings Bank was appointed receiver and its bond fixed at \$500,000. The assets of the company are claimed to be \$300,000, while the liabilities are estimated at \$500,000. Inability to realize on outstanding accounts is given as the cause of the failure.

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### A GREAT PROFIT SHARING CONTEST.

**\$25,000**  
In 1,000 Cash Prizes.

First Prize, \$10,000; Second Prize, \$3,000; Third Prize, \$1,000. Five Special Prizes of \$1,000 Each for Early Estimates.

Every subscriber to the Journal will have an opportunity to share in these magnificent prizes if he wishes to participate in the Great Educational Contest in which these prizes are given. The subject matter of this great contest is the total vote cast for Governor in the states of New York, Pennsylvania and Michigan on the 4th day of November, 1902.

Every subscriber who remits \$1.00, the regular subscription price for a year's subscription to the Journal, will receive one certificate that will secure for him any prize which his estimates entitles him to claim. When you send in your subscription, also send your estimates of the total vote for Governor in the three States. Write your name, address and estimate in the Subscription Blank below and mail it to the Journal. The contest will close at midnight, Nov. 3, 1902, and no estimate received after that hour will be allowed. The official certificates of the Secretaries of the three States, showing the total vote for Governor, will be distributed to the members of the contest, and the awards will be made by a disinterested committee of prominent judges, just as soon as the official figures can be obtained.

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#### Here is the List Prizes.

To the nearest correct estimator	\$10,000.00
To the second nearest correct estimator	3,000.00
To the third nearest correct estimator	1,000.00
To the fourth nearest correct estimator	500.00
To the fifth nearest correct estimator	250.00
To the sixth nearest correct estimator	100.00
To the next 15 nearest correct estimators, \$10 each	150.00
To the next 27 nearest correct estimators, \$10 each	270.00
To the next 200 nearest correct estimators, \$5 each	1,000.00
500 prizes, amounting to	\$20,000.00

#### The Following Special Prizes Will Also Be Paid:

For the nearest correct estimate received before Aug. 1, 1902	\$1,000.00
For the nearest correct estimate received on or after Aug. 1 and before Aug. 15	1,000.00
For the nearest correct estimate received on or after Aug. 15 and before Sept. 1	1,000.00
For the nearest correct estimate received on or after Sept. 1 and before Sept. 15	1,000.00
For the nearest correct estimate received on or after Sept. 15 and before Oct. 1	1,000.00

Total 1000 prizes, amounting to \$25,000.00. In case of a tie or that two or more estimators are equally correct prizes will be divided equally between them.

#### Valuable Information.

To aid in forming your estimates, we furnish the following data:  
Pennsylvania elects a governor only once in four years.  
Michigan elects a governor every two years, and since 1894 Michigan has elected a governor every two years.  
The total vote for governor in New York in 1897 was 1,165,000.  
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The total vote for governor in New York in 1901 was 1,150,000.  
The total vote for governor in Michigan in 1897 was 397,800.  
The total vote for governor in Michigan in 1898 was 397,800.  
The total vote for governor in Michigan in 1899 was 397,800.  
The total vote for governor in Michigan in 1900 was 397,800.  
The total vote for governor in Michigan in 1901 was 397,800.

#### Certificate of Bank President.

I hereby certify that the Press Publishing Association has deposited \$25,000 in the Central Savings Bank, Detroit, Michigan, for the express purpose of paying the prizes to those making the nearest correct estimates of the Total Aggregate Vote cast for the Office of Governor in the States of New York, Pennsylvania and Michigan on the 4th day of November, 1902, and that this fund can be used for no other purpose.

W. A. Pumps  
President Central Savings Bank.

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**EDUCATIONAL**

In this issue of the Journal appears the advertisement of Westminster College, Tehuacana, Texas. There are few colleges in Texas better equipped in buildings than Westminster and none in a more healthful location. Tehuacana has long been recognized as an exceptionally moral community, which should be a matter of no small concern to parents having children to educate. The president, C. O. Stubbs, will take pleasure in sending catalogue to any one upon application.

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have been tried and not found wanting. No investigation is necessary to establish their entire responsibility, and a trial of each would only demonstrate the uniform excellence of all.

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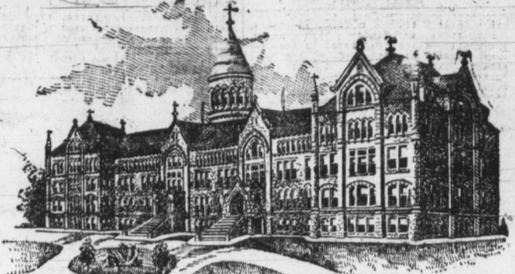
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**W. J. STATION, BEEVILLE, TEXAS.** I have for sale at all times registered, pure bred and high grade Herefords, Durhams, Devons and Red Polls of both sexes. All raised below the quarantine line. Call or write for prices.

**A. B. JONES,** Big Springs, Texas. Breeder of registered Herefords. Young bulls and heifers of correct blood for cheap.

**SUNNY SIDE HEREFORDS.** I. A. Wilson, Grove 3rd, Garfield and A. J. Devoe, near Big Bend. Choice Herefords and Plymouth chickens. W. S. IKARD, manager, Henrietta, Texas.

**HEREFORD PARK STOCK FARM.** Pure bred Hereford cattle, largest herd south of quarantine line. None but high class bulls in service. Lord Wilson, Grove 3rd, Garfield and A. J. Devoe, near Big Bend. Choice Herefords and Plymouth chickens. W. S. IKARD, manager, Henrietta, Texas.

**J. L. CHADWICK, CRESSON, TEXAS.** Near Fort Worth, breeder of registered and very high grade Hereford cattle. Bulls for sale.

**U. S. WEDDINGTON, Childress, Tex.** Breeder of registered Hereford cattle. Choice young bulls and high grades of both sexes on hand at all times. Ranch south of quarantine line and stock can go safely to any part of the state.

**V. WEISS,** Breeder of pure-bred Hereford cattle. (Ranch in Goldsboro, Texas.) Both sexes for sale. Address: Drawer 317, Beaumont, Texas.

**REGISTERED HEREFORD BULLS.** One, two and three-year-olds, immuned, natives, good. GEO. W. P. COATES, Abilene, Tex.

## SHORTHORNS.

**V. O. HILDRETH,** Breeder of Shorthorn cattle. A number of registered bulls and young cows for sale, all reds, large and fine. Texas raised. Cattle and residence at Iona Station on T. & P. railroad. Postoffice, Abilene, Texas.

**JULE GUNTER, Gainesville, Texas.** I have 300 strictly pure bred registered bulls for sale. Write me your wants.

**THE J. W. BURGESS COMPANY,** Breeders of Shorthorn cattle. Registered and double standard Polled Durham cattle. Young stock of both classes for sale. W. W. and J. L. BURGESS, managers, Fort Worth, Texas.

**LOUIS B. BROWN, Smithfield, Tex.** Breeder of registered Shorthorn cattle. Young stock for sale.

## MAVERICKS.

**R. D. Hunter** of Colorado, Texas, sold to D. W. Goodwin of Fort Worth, a few days ago, his thirteen section ranch in Borden county for \$16,000.

The biggest lot of stockers and feeders shipped out of Kansas City this year went to the country last Wednesday. There were 215 cars shipped from here. The total shipments for the last week were 606 cars.

Arizona ranches have been improved by recent rains, though the long drought is estimated to have resulted in the loss of about 8 per cent. of the cattle in the territory.

**C. B. Hoard** of Central City, Neb., has purchased a large tract of land in the Saskatchewan valley country of Canada, near Prince Albert, to be used for grazing purposes.

**T. J. Noland** & Company sold to G. R. Fort and others 1010 acres of unimproved land about five miles northeast of Clarendon, Denley county, at \$6.00 per acre.

**Philip R. McCurdy** this week closed a deal with Henry Van Ham for six sections of land located thirty-two miles south of Midland and 150 stock cattle and 100 calves. It was a cash deal and aggregated \$600.

**C. B. Metcalfe,** manager of the X Q Z Cattle Company of Tom Green county, has secured pasture for 700 head of cattle with C. L. James on the John W. Relley ranch, near Devil's River.

**Bernard Hendricks** of near Midland, recently purchased six sections of improved pasture lands on the Pecos river from G. W. Kelly at \$75 per section.

**Charles L. Ware** and **E. B. Harold** of Colorado, Texas, have been busy receiving 1400 head of big Coleman county steers. The steers are being used to stock the old-TUF pasture, which is now owned by Mr. Ware.

**Theodore M. Pyle** has purchased from J. A. Barnett his five section improved ranch in Childress county, near Newlin, for \$22,000. The deal includes 500 head of cattle, besides a number of mules and horses.

**Nestor Hunt,** a cattle importer of El Paso, has returned from a trip to the Texas range of Mexico, where he contracted for 5000 head of cattle that will be shipped to California in two lots. The transaction involves an expenditure of \$40,000.

**James O'Keefe** recently sold out his ranch interests near Colorado, Texas, and has purchased a new ranch embracing twenty-three sections located in Gray county. He will leave for his new home in a short time, with his family, and they carry with them the best wishes of all our people.

Cattle conditions in Briscoe county have much improved since the recent rains and steer yearlings are selling for about \$14 on an average. The top

## WANDERER'S CREEK HERD

Of registered Shorthorns, near Childress, Tex., containing 100 head of high class cattle, headed by Duke of Grandview, Sixth No. 12867—Vol. 48. Four or five bull calves for sale. Address owner, ED ROBERTS, Mineola, Texas.

**WILDART'S STOCK FARM.** Howard and J. W. Mann, Jr., Props.; Waco, Texas. Breeders of Shorthorn cattle and standard bred hogs.

**INOCULATED SHORTHORNS** For sale. I have over 100 Shorthorn calves and yearlings that have been inoculated at the Missouri Experiment station against Texas Fever. I sold fifty-six subject to the same treatment, in Texas last winter, that have been a great success. This is headquarters from the business, and buyers can count on finding something good here. One to a car load. JOHN BURRUS, Columbia, Mo.

**D. P. NORTON, Dunlap, Kansas.** Choice bull and heifer calves for sale. Prices, quality considered, defy competition.

**DRUMMOND FARM HERD** For sale. Young stock of both sexes. Registration papers go with each animal sold. Address G. W. HUNT, Drummond, Young county, Texas, or F. B. HUNT, Dallas, Texas.

**DURHAM PARK HERD.** Shorthorn cattle. Scotch, Scotch topped and pure Bates. Young stock of both sexes. Address DAVID HARRELL, Austin, Texas. Farm railway station, Liberty Hill on Austin and Northwestern railway, 38 miles from Austin.

**H. O. SAMUEL, DALLAS, TEXAS.** Breeder of Shorthorns. Have half a dozen young registered bulls for sale.

**W. W. HUDSON, Gainesville, Texas.** Exclusive breeders of registered Shorthorn cattle.

## RED-POLLED CATTLE.

**W. R. CLIFTON, WACO, TEXAS.** I can spare a few Red Polled bulls and heifers not skin. Also a few Angus goats and a few pure bred Berkshire pigs.

**CAMP CLARK RED POLLED CATTLE** L. H. JENNINGS, Prop., Martindale, Texas.

**J. K. HASELTINE, DORCHESTER, Greene county, Mo.** Red Polls raised in Southwestern Missouri from imported stock. We are so far south there is little danger in shipping to Texas.

**W. CALDREDGE, PITTSBURG, TEX.** Good Texas raised red polled cattle for sale.

**J. L. JENNINGS & BRO., Martindale, Tex.** Breeders of registered Red Polled cattle. A few young registered and grade cattle for sale.

## ABERDEEN ANGUS.

**ALLENDALE HERD.** Aberdeen Angus, the oldest and largest stock of this class in the United States. Registered animals on hand at all times for sale at reasonable prices. Four splendid head of this class. Address THOMAS J. ANDERSON, manager, Alameda Farm, Rural Route No. 2, Iowa, Allen county, Kansas, and visit the herd there; or address ANDERSON & FINDLAY, Props., Lake Forest, Ill.

## HORSES.

**O. C. LANE, SANTA ANNA, TEXAS.** Breeder of registered French Coach horses and Polled Durham cattle.

paying \$35 for cows and calves, and \$2.50 for dry cows.

**Hudspeth and Phillips,** at Ozona, brought 100 head of stock cattle from Fred Metcalf last Tuesday at \$14 per head.

**V. A. Finch** of the J. A. Ranch, recently "bought up" a good bunch of yearlings in Scurry county for \$14.50 average.

**G. M. Harless** of Hallettsville, Texas, has delivered to A. G. Farrington of Yoakum 100 head of 3-year-old steers at \$2 per head.

**Sam Slavin** of Gray county, purchased at Clarendon, through L. C. Beverly's agency, forty yearlings from W. F. White, forty from W. H. Norris and twenty from Will Miller, paying \$15 around.

**J. W. Smith** and **B. F. White** of Colorado, Texas, have delivered to Scoggin and Brown 700 steer yearlings, which were brought up on the "installment plan," at \$12.50 to \$13.50.

**Last Friday R. Carrow & Co.** at Henrietta, Tex., sold 1000 head of three and four-year-old steers to Kiser and Sutherland, of Marlin, at \$44 per head. This is the highest price ever paid for the cattle will be shipped to Marlin to be fed.

## SALES AT KANSAS CITY.

Among the sales of cattle in the quarantine division at Kansas City last week the following are quoted as reflecting the tone of the market:

**L. B. Morledge,** White Eagle, O. T., 102 head, \$72 lbs. av., \$4.00; B. VanTayle Colorado, Tex., 156 calves, 183 lbs. av., \$5.00; Rachall & Co., Oklahoma, I. T., 462 head, 795 lbs. av., \$2.90; H. M. Stonebraker, Elgin, Kas., 287 head, \$30 lbs. av., \$4.05; J. M. Kirkendall, Elgin, Kas., 287 head, \$30 lbs. av., \$4.05; W. Dunn, Ochelata, I. T., 170 head, 762 lbs. av., \$2.87 1/2; Crom & Ingleside, Mountain View, I. T., 133 head, \$39 lbs. av., \$4.05; Alexander Bros., Ninnekah, I. T., 77 head, \$84 lbs. av., \$3.75; Johnson & Watson, Ochelata, I. T., 120 head, \$99 lbs. av., \$4.35; John Pappin, Bartlesville, I. T., 15 head, \$48 lbs. av., \$4.00; Geo. H. Bratt, Elgin, O. T., 89 head, 1022 lbs. av., \$4.20; R. H. Moseley, Davidson, Kas., 273 head, \$43 lbs. av., \$4.20; A. P. Rachal, Oklahoma, I. T., 492 head, 773 lbs. av., \$2.85; Gilley & Jordan, Collinsville, Tex., 114 head, \$32 lbs. av., \$3.25; Harper & Davis, Ochelata, I. T., 250 head, \$79 lbs. av., \$3.60; G. Graham, Marlow, I. T., 110 head, 764 lbs. av., \$2.70; Kennedy & Frazier, Bartlesville, I. T., 181 head, 750 lbs. av., \$2.70; Farris, Wetumke, I. T., 101 calves, 196 lbs. av., \$3.55; Johnstone & Watson, Ochelata, I. T., 100 head, \$43 lbs. av., \$2.87 1/2; Jarboe, Coffeyville, Kas., 107 head, \$25 lbs. av., \$3.30; Russell & Bevins, Elgin, Kas., 148 calves, 224 lbs. av., \$4.55; T. E. Pittman & Co., Morgan, Tex., 15 head, \$40 lbs. av., \$2.35; Rachall & Son, Oklahoma, I. T., 88 head, 771 lbs. av., \$2.80; Trout & Stanfield, Holdenville, Tex., 62 head, \$92 lbs. av., \$3.30; Trout & Stanfield, Holdenville, Tex., 37 calves, 201 lbs. av., \$3.40.

**MISTAKES IN BUTTER MAKING.** In spite of the fact that modern machinery for making butter has largely taken the place of the old dash churn and butter worker even on the farm, mistakes are frequently made which cause rapid deterioration in butter after it has been manufactured.

The firm of **Avis & Palmer**, one of the oldest doing business in the Texas Panhandle, has been dissolved. F. M. Avis selling out his interests to his partner, T. M. Palmer. Continued ill health on the part of Mr. Avis is the cause of his retirement. The transaction involves four and three-quarters sections of land, with equipments, and about \$30,000 changed hands.

A purse of \$100 has been made up and deposited in the bank subject to the order of the man who will kill the big loof wolf which has so long bothered the people of the Salisbury and 96 ranch neighborhoods, says the Hall County Herald. The old-timer has appeared and has been doing a land office business in looking after the young calves of late, so that the people have determined that it will be desirable to get rid of him at any price.

**Walter Sullivan** has sold his ranch in Castro county a few miles south of Hereford, to E. Megert, a prospector from Hood county, for \$20,200 spot cash. The ranch consists of six sections and improvements. Four hundred head of high grade cattle and hogs are included in the deal. This property is regarded as one of the most valuable in that locality. Mr. Megert will take possession at once.

**Ramon Cruise,** a Mexican sheep herder, was killed by being struck in the head by a fragment of a meteor while herding his flock near Ellis, in Edwards county Saturday. The impact shattered the meteoric stone, a fragment of it striking the herder in the temple and penetrating his head, caused instant death. Several fragments were found near the boulder and the one that caused Cruise's death was removed from his head. The largest piece of the meteor found weighs about four pounds. The outer part of it is a dinky brown, graduated to a slate color in the center.

## CATTLE SALES.

**George Washington** sold to A. J. Nesbett at Clarendon, forty two-year-old steers at \$19.

**William Childress** of San Angelo, bought of Joseph Funk 250 two-year-old steers at \$13.

**G. W. Hutchinson** of Midland sold to A. S. Hawkins last week twenty-five steers at \$16 average. Mr. Hawkins also purchased thirty-eight head of Durham stock cattle of W. W. Stows,

# FARM NEWS.

Feed crops in the Panhandle country are the largest ever known and stockmen are correspondingly happy.

A cotton-seed oil mill, to cost \$30,000, will be erected at Colorado City, Texas, in time to handle next season's crop.

Cherokee county, Texas, claims the distinction of having shipped over one-half the fruit and tomatoes sent out from the state this season.

Recent reports compiled by the Houston Post confirm the government forecasts of a crop of cotton fully as good as that of last year and somewhat larger.

**M. E. Gilmore** has sold his one-section ranch in Sterling county to A. V. Paterson of Center City, Mills county, who expects to locate there soon. Mr. Gilmore will remove to the northwest.

Farmers from some sections of Lamar and Red River counties report that rice birds are flying across the fields in big droves like black birds devouring the boll worms.

A fair will be held at Wills Point, Texas, August 21st, 22nd and 23rd. Farmers and stock raisers in that section of the country are preparing for a creditable exhibit.

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Onion growers round about Nacogdoches were unsuccessful in disposing of their crop, which were of a variety not in demand and lacked size.

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FORT WORTH.....Scott-Harrod Bldg.  
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TO CORRESPONDENTS.  
All correspondence and other matter for the Journal should reach us not later than Monday morning to secure prompt publication. Matter received later than this will necessarily be carried over to the issue of the succeeding week.

Communications on topics of interest to readers will be gladly received and published in these columns. Suggestions regarding the care of cattle, sheep, hogs, or fruit and vegetable culture are always welcome.

TO SUBSCRIBERS.  
Subscribers desiring the address of their paper changed will please state in their communication both the old and new address.

Receipts are not our custom to send receipts for money sent to the office on subscription. The receipt of the paper being sufficient evidence in case of a renewal of the subscription. Should your date not be changed within two weeks call our attention to it on a postal and we will give it our attention.

Numerous county fairs announced for this season testify to the prosperity of the stockmen and farmers. If little of value had been produced this season interest would have been lacking.

The Dominion of Canada is harvesting the largest crop of wheat ever produced in its borders. It is claimed that there was not enough labor to do the harvesting so the old country was called on for men to assist in the reaping and threshing. It is said no fewer than twenty thousand able-bodied Englishmen responded to the call.

There are sometimes drouths, and epidemics among live stock in this country, but they never appear to be so severe as in some other parts of the globe. In Australia, millions of sheep have died for want of water and many persons who formerly earned a comfortable living as stock raisers have been forced to seek employment as day laborers.

Texas rangers have captured a precious sextette of horse thieves at Pasture-N. M., just across the line. It is not unlikely that there will be a necktie party out in that section of the country. At any rate, the culprits have just cause to feel uneasy, as the cowboys have a way of administering justice that is very disagreeable to wrong doers.

Corrated cattle of medium grade are a good marketing proposition at this time. Present prices may seem a little low, but they are apt to look good shortly. A good run of rangers is already in evidence and they will be more numerous as the season advances. Purchasers seem to prefer them to improved stock costing \$1 or more per hundred. Sellers should be on hand early in the morning to get the best prices.

That most needed by the young farmer of the present generation is an education along scientific lines which will equip him for application of the most approved principles in agriculture. Antiquated methods of soil cultivation, planting and harvesting have been relegated to the rear and those content to worry along in the old ruts have lapsed into a sort of Rip Van Winkle existence from which they will be left hopelessly behind.

Proceedings of the fifth annual convention of the National Live Stock association have just been issued in book form and a handsomely bound copy of the volume was received for the Journal library last week. The reading matter which it contains was officially compiled by Secretary Charles F. Martin. There are over six hundred neatly printed pages, containing exhaustive reports and statistics, with elegant half-tone portraits of the officers and members of committees.

That the Poland-China breeders of the west will not be represented at the American Royal show in Kansas City next fall is to be regretted, but it seems that the members of the association have only themselves to blame. In failing to raise the amount of money necessary to secure a creditable exhibit, they have shown a sad lack of enterprise. Secretary Frank D. Winn secured enough by private subscription to purchase substantial prizes, but the exhibition managers declined to accept funds raised in this way and the project was abandoned.

A well conducted inquiry is one of the most profitable enterprises in which the farmer can embark and there is very little "fussing" associated with the industry, as the bees require scarcely any care. There should be a large attendance of beekeepers from all over the west at the meeting of the National Association in Denver next month. Though the production of honey in the United States is not yet regarded as one of the great industries, it may be of interest to note that 30,000,000 pounds of the marketable product were sold last year.

The official organ of the Kansas Grain Dealers, the Southwestern Grain Journal, in its special crop report of last week gave an estimate on the amount of corn to be raised in Kansas this year and states that the total will not exceed 225,000,000 bushels. It bases this estimate on comprehensive reports from each corn county in the state. Unless the state has some

rales within the next few days, the Journal says that the crop will be yet badly hurt. Two thirds of the wheat has been threshed and the Grain Journal gives the yield at about 35 million bushels. Very little plowing for wheat has yet been done.

Notwithstanding the South African war is over, it is anticipated that a large shipment of mules will continue to be made via New Orleans by the British government. Capt. Marshall and his expert assistant have recently returned to this country for the purpose of continuing regular purchases. Thus, the justly famous "Missouri Mule" will still be the prime favorite of the horse and mule dealers a while longer.

It was expected that hog receipts at the great market, could not or would not keep up to the former totals on account of last year's drouth, but the shortage was expected to show up earlier than it did. Although the deficiency is apparent now, the remarkable feature was that the run kept up as well as it did. Hog production has been highly profitable to the farmers and it looks as though high prices may rule for some time to come. The farmer of the Southwest who has hogs this fall, should lay up a comfortable little sum after disposing of them.

A harvester trust is the latest. A filed articles of incorporation in New Jersey of course the 29th of this month. It is capitalized at 120 millions and those in the combine are McCormick Harvesting Machine Co., Deering Harvester Co., Plano Manufacturing company, Warden, Bushnell & Gleason (Champion) Milwaukee Harvesting company. Of the assets eighty million is working capital. In their prospectus, they claim to have been forced to combine in order to cheapen the price of manufacturing, that the price of raw material had advanced so it was either necessary to raise the price of their products or cut down the cost of production. The sequel will prove the truth or falsity of these assertions.

When it comes to making something out of nothing, the big packers are entitled to the prize. In testimony whereof, witness what is being done by the Chicago meat producers. There is a little branch of the river flowing through the packing house district into which a large part of the sewerage is dumped and which has won the appellation of Bubbly Creek. Hereofore this placid stream had not been known to fame on account of the exceedingly pungent odor which arises from its untrifled surface, but it seems destined to become even more prominent in the public gaze. The packers have discovered that a valuable constituent part of the porker has been going to waste—the grease which floats around on top of the creek. This is now being gathered up by the bucket full and sold to soap makers for a substantial consideration. "Good morning, have you used Bubbly Creek soap?" may soon become familiar to all readers of "ads" in the newspapers.

CROP REPORTS ENCOURAGING.  
The weekly reports of the government and state crop service are not so flattering as those of a week ago, and yet a careful perusal of them fails to reveal any great damage to crops during the past week. In some counties in Kansas corn was prematurely ripened by hot wind, but the damage was slight compared with the total crop of the state and the increase of yield over former years. In a few counties in the southwestern part of the state a drouth has been prevailing for some weeks and crops have suffered. But so abundant are crops in other parts of the state that this loss will hardly be felt. Most of the corn crop is safe and there is little chance to damage to any of it now. All reports agree that threshing out of wheat is proving a better yield than expected. Down in Indian Territory and Oklahoma a good corn and cotton crop is assured. Altogether there is nothing in the crop news to discourage and everything to encourage the farmer and stockman.

ABOUT FOOD ADULTERATION.  
As was predicted, the "oleo" manufacturers have been denied the use of palm oil as coloring matter for their product by Commissioner Yerkes of the Internal Revenue department. Obviously the oil was not a necessary except for the purpose of imparting to the "oleo" a yellow tint which should, under the law, subject it to a prohibitive tax. There is no objection to the purchase of grease instead of butter by those who desire for purposes of economy to use it, but it should not be permitted to masquerade under false colors. There are too many imitations and adulterations of the genuine article on the market at present and those responsible for this state of affairs ought to be brought up with a sharp rap. It is to be hoped that the government will soon get after the unscrupulous individuals who have the audacity to sell filthy and tasteless process butter as "pure creamery." There is an overproduction of this stuff and some consumers are foolish enough to pay thirty cents per pound for it, believing that they are getting their money's worth. Anyone with a discriminating taste ought to be able to detect the deception and if the gullible dealers were more frequently subjected to hark karl there would be less swindling in the world. When a purchaser has once been imposed upon he should do business somewhere else.

SUCH IS FAME.  
Since embarking in the onion raising business on irrigated lands, near Laredo, Texas, Mr. T. C. Nye has been experiencing some unenviable notoriety. The vast crops raised by him on soil for a long time supposed to be worthless, attracted attention all over the

country and he was frequently subjected to an ordeal such as Mark Twain describes—that of being "interviewed." With characteristic zeal, the newspaper reporters wanted to get things fully as large as they really were, and in some instances over-shot the mark. In a letter of recent date to the Journal, Mr. Nye says:

"With my experience before me, I am almost afraid to give the papers any more interviews on the subject. \* \* \* makes me say in one instance that I grew last year 21,000 bushels per acre, where it should have been 10,000, and the \* \* \* makes me say that during the cold spell in December last the temperature went down to twenty-six degrees below zero, when it should have been twenty-six degrees above. Besides gaining something of a reputation as an onion grower, I am also getting up the reputation of being a most notorious liar."

It is not often that a man can pose as a successful farmer and a promising rival to Baron Munchausen at the same time.

THE AMERICAN SOCIETY OF EQUITY

The Census Bureau has just got together its figures showing the condition of the great agricultural interests of the country in 1900, and it shows that in this greatest of all industries, there are no combinations of trusts and can be none. The number of farms increased in ten years at a higher rate than population, and the average size is 146 acres, or less than a quarter section of government land.

There are 5,740,000 farms in the country, valued at \$16,675,000,000. Here is a huge capital scattered all over the land and held by millions of owners, all independent of each other and competing for an honest living, while providing food and materials for those engaged in other industries. The products in the year 1899, including those derived from animals, were valued at 4,740,000.

There is no concentration of wealth in this, and no chance for monopolies. There is not even a tendency in that direction, and the mild alarm raised a few years ago about great corporation farms and an agricultural tenantry has been dissipated by experience, as many other alarms are destined to be. Among an intelligent and energetic people like Americans, the few are never going to control the many.—Mail and Express.

This is the prevalent idea of combination. Co-operation is not combination, in an aggressive sense, as generally understood. The American society of equity would come to the assistance of this great army of producers and aid them by intelligent methods of marketing their products. When seasons of depression in prices arrive, this society would be the representative for the resistance of the downward tendency of values, and it will be conceded that such a united effort as would be that of all the representative farmers of the country would be effective and stay a decline, thus dictating to the few who make prices.

When a combination of capital, or interest of any kind is talked about, the mind at once reaches the conclusion that a monopoly or trust is the object in view. This is not to be the purpose of the proposed American Society of Equity. That a trust granted that the Standard Oil or the Steel trust could be brought about, provided all producers of food for man and beast stood together, is beyond question. It is not expected that all producers will stand together for the common good, for some would doubt the possibility of success, others would think themselves too shrewd to be caught in such an association. But a sufficient number of thoughtful, wide-awake, well-to-do farmers, stockmen and truckmen will find co-operation the best way of disposing of their production. Consider what is being now accomplished in all parts in the country in that direction. In many sections of the country truck growing and the raising of fruit has been developed through this medium. Formerly all productions of the farmer, orchard and vineyard had to be consigned to some market, to be sold, now, in many sections, the market is transferred to the farm, and the price paid is the farmer's price, and not the trader's. Where shipments are made to a market, it goes in the name of the association, and as a result more consideration is given to the shipment as a whole, than if a few crates or bushels were involved. There are now many associations in the country that are proving of incalculable advantage to their members by the dissemination of information, through their appointed agencies, in the way of the best time and market for the various products grown by the members. There are sections of the country that have failed in their efforts at development until the co-operation idea was put into effect that to-day are prosperous and the products of the members of these associations, when the crop in sight cannot be marketed to a good advantage. What is being done in a small way can be accomplished on a large scale by the growers of other crops, as well as the live stock interests of the country. This last interest is to-day in

a better organized condition than the growth of wheat, corn and cotton. Large associations of live stock men are to-day working in harmony and quietly accomplishing much good. So far it is but a beginning of what is to come. The farmers, too, have their state congresses and other organizations, but so far they have been only for the dissemination of information as to the growing of their crops. Nothing has been done looking to the marketing of that which they produce. Is not this of even greater importance? The time will come when the farmers will awaken to a better understanding of the possibilities in this direction and take their place among those who make prices on their own production, rather than let the speculator do it for them.

INFLUENCE OF THE TEACHER IN THE HOME.—The value of an education must be determined by the greatness of its aim and the largeness of its scope. The teacher is a factor that contributes to the improvement, has relations to society, state and family. The teacher is not only a guide but a guide through the many grades of progression, up to graduation day, and then turns them out into the world, and thus burden the home. The influence of the teacher on the home is potent, for upon the receptive mind of the child rests an impression which will use their influence. It is in their power to inculcate into the minds of their pupils by example and by teaching the pure and noble principles of life. Since it is an admitted fact that a man's character is to a great extent shaped by his friends and companions, and since the teacher is a friend that exercises the most sensible of all influences, it is our sacred duty to inculcate in our pupils a love for the good, and a hatred for the evil. We must teach them not only to shun the bad, but to love the good. All that the teacher should do is to lead the child to the right, and the child will follow. We must admit that the child, but so many say that this work belongs to the parents. An answer like "This is a thing a child's business to my heart, how poor a conception has the teacher of the grandeur of his profession! How long, oh how long! before the child's mind is filled with the light of truth, and the child is a child of a king, and that his work is the work of a great king! Our profession is ennobled in proportion to the pure and noble principles which we teach. Away then with those who are blind to their grander duties, who say, "We will do only what we have been taught." Let us all admit our responsibility. God has placed it upon them and they must accept it. How long, oh how long! before the child's mind is filled with the light of truth, and the child is a child of a king, and that his work is the work of a great king! Our profession is ennobled in proportion to the pure and noble principles which we teach. Away then with those who are blind to their grander duties, who say, "We will do only what we have been taught." Let us all admit our responsibility. God has placed it upon them and they must accept it.

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POULTRY.

57 PREMIUMS—By... Breeders of high class Poultry... Single Comb White, Brown, Buff and Black Leghorns...

THE BEST—THE BEST BUFFLEGHORNS... Bur Rocks, Eggs for hatching, \$2.00 per 15. No stock for sale...

E. EDWARDS, PITTSBURG, TEXAS... Golden Silver and White Wyandottes; C. I. Game; Light Brahma; White, Black and Buff Langshans...

EX. GOAZ BENBROOK, TEXAS... Barred Plymouth Rocks, Vigorous farm raised. Free range for young and for breeding stock...

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A leading poultry journal maintains that eggs should be bought and sold by weight instead of by the dozen...

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CHAS. P. SHIPLEY Boots and Saddles

Are winners. Order catalogue and measure blanks. Prices right. Perfect workmanship. Try us with one pair. Visit our store.

FOULTRY

There are exceptions to every rule, and good laying hens may sometimes be found among "scrubs," but they are few and far between...

The Andalusian fowl is being introduced in some parts of the country and appears to thrive on American soil...

It should be remembered that fender, plump chickens command the best prices in the market. To insure plumpness, they must be fed a ration that will develop flesh rapidly...

Where hawks are numerous, an effective method of frightening them away is to hang up in the chicken pasture bright pieces of tin or glass from a mirror...

Brown Minorcas are one of the latest English productions. A fancier who saw them on the other side of the Atlantic says they are immense in size...

THE POWER OF THE HEN.—Have you ever stopped to think that there are to-day in round numbers 375,000 chickens and 40,000,000 other fowls, comprising ducks, geese and turkeys...

If you have a notion that poultry raising as a commercial industry is of no importance in comparison with that of others—and I will say all other industries, let the figures from a recent report from the Department of Agriculture at Washington disabuse you of the error...

Our consumption in the United States of poultry products—poultry and eggs, is represented by the modest sum of \$500,000,000. The egg industry alone is \$150,000,000, more than all the dairy products of the nation...

dike, and yet we have not been able to produce all the eggs we use, depending upon foreign importations largely to meet the demand.

Official statistics show that, commencing with the year 1922, we imported that year, 4,188,426 dozen eggs, value \$522,240; in 1921, 126,495 dozen, value \$10,500. Quite a sum worth saving to domestic economy had we raised the product at home.

The value of swine production per annum is \$186,323,745; cotton crop, \$229,444,540; oat crop, \$123,455,968; wheat crop, \$237,938,998; potato crop, \$78,984,901; the silver product, \$72,500,000; the wool clip, \$38,146,459; value of sheep, \$66,167,725.

Annual pensions amount to \$128,250,078; post office department amounts to \$90,626,295; the railroad earnings \$323,916,454; their dividends, \$81,285,774. Still the poultry business which yields a value of \$300,000,000 is merely an infant industry when one considers the short period of its existence, which will, perhaps, date back only a little more than thirty years...

Our productions have reached the requirements of the world's fancy and utility markets, but as yet, in the nature of things, we have lacked as yet always will lack, in producing the necessary quantity. There is always a market for a nice, plump chicken, from the time it weighs one pound until it reaches maturity...

Let us more earnestly seek and cultivate her, more considerably study her needs and adapt to them, thus to avail the rich blessings she returns—returns which we have seen justify man's noblest efforts, his devoted energies and his best work.

Long live the American Hen!—Mrs. Alice McAnulty of Circleville before the Texas Farmers' Congress.

DAIRY

The milking of cows should be performed as regularly as possible. Any deviation from the usual practice excites uneasiness.

Salt should be administered, both in summer and winter. As an aid to the proper assimilation of grasses it is almost a necessity and adds flavor to the milk.

While the sensitive and highly organized cows are most responsive to good care and kindly treatment, they deteriorate most quickly when maltreated or inadequately fed.

Good pure water, untainted by proximity to the manure pile, should be given to the cows and placed where they may gain free access to it. Experiments have demonstrated that for every pound of milk produced five pounds of water are required.

In being driven from the pasture to the stable, while their udders are filled with milk, the cows should be permitted to proceed at a leisurely pace—never hurried. When herded by dogs they are very apt to become restless and uneasy.

GRAIN FOR A DAIRY COW.—A correspondent asks, Breeder's Gazette to "give a ration for a dairy cow, corn costing \$19, shorts \$24 per ton and bran 50 cents per bushel. We have plenty of shredded corn stover and timothy and clover hay mixed."

Shorts are a good deal dearer than bran at the prices named. Probably our correspondent means middlings, which are superior to real shorts. In any event, use corn and bran, as they are cheaper feeds.

The stable should be arranged with a view to the comfort of the animals and so as to facilitate the work of cleaning, milking, etc.

THE SELECTION OF EWES.—Few things in sheep husbandry are of more vital importance than the proper selection of ewes. Indeed this is the pivot, on which turns almost every time success or failure.

At this writing my boar lot of eight acres is being plowed and will be ready to rape and rye. This lot has not been plowed for two years. Last year the rye was hogged down and this summer produced a volunteer crop...

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Coffees Coated with stale eggs, glue and other things are not fit to drink. Lion Coffee is pure, uncoated coffee—fresh, strong, well flavored.

FOX AND WOLF HOUNDS. Of the best English strains in America; 40 years' experience in breeding these fine hounds for my own use; I now offer them for sale. Send stamp for Catalog.

VARICOCELE. A safe, painless, permanent cure guaranteed. Twenty-five years' experience. No money accepted until patient is well.

The "Weber Junior" Pumper. It is all complete, ready to use. It is a pump, equal to 200 lbs. of water.

Paint Your Roofs WITH DONKEY PAINT. One Coat will last 5 Years on metal work or felt. Roof proof against moisture, acid, alkalis, ammonia, coal smoke, heat and cold.

ROUX'S VETERINE POWDER. Specific Against Retention in After-Birth of Cows. Prepared by L. ROUX, Veterinary Surgeon (France). All cattle farmers careful of their interests should keep a supply of this valuable remedy for use in case of emergency.

BERKSHIRE

UP-TO-DATE BERKSHIRES. Baron Lincoln, 5th Champion, Dallas Fair, 1901, at head of herd. Write me, J. C. WELLS, Howe, Texas.

WINNIE FARM BERKSHIRES—ON HAND. Now some fine litters of pigs ready for prompt shipment. Write me for prices on Barred Plymouth Rocks. To make room for youngsters coming on, will sell matured fowls cheap, quality considered. Address S. Q. HOLLINGSWORTH, Couthatta, La.

POLAND CHINA.

ONE STAR POLAND CHINAS. For sale. Make ready for service. Bred sows and pigs in pairs or twos not related. Breeding the best. This herd won 5 firsts and 3 seconds at Dallas Fair, 1901. JOHN W. STEWART, Jr., Sherman, Texas.

RICHARDSON HERD POLAND CHINAS. Herd headed by the great Guy Wilkes and J. R. 2525, assisted by Texas Chief. Pigs for sale of the most fashionable strains. Satisfaction guaranteed. Correspondence solicited. Address S. FLOYD, Richardson, Dallas County, Texas.

BIG SPRING STOCK FARM. Best equipped hog ranch in North Texas. Poland Chinas from the most noted sows and greatest boars. Up-to-date breeding. Pigs furnished not related and bred sows at reasonable prices. Write us. FLOYD BROS., Richardson, Tex.

DURO JERSEY.

TOM BRAZIER MORGAN, BOSQUE county, Texas. Now ready to ship. When writing to advertisers please mention The Journal.

When overfed on dry corn or grain the hog develops a habit of rooting which is such that the stomach of the animal is not in normal condition and no doubt there is some element lacking in the ration. In order to restore the digestive organs, charcoal or ash, also a small quantity of oil meal are recommended.

J. STECKLER SEED CO., LTD., NEW ORLEANS, LA. Southern Seeds are the Best. Everything for Garden, Field and Farm. Ready to deliver. Cereals, Onion Seed, very scarce, order early. Cabbage, Turnips, Beets, Lettuce, etc.

Very Best Seeds. Especially Cabbage, Cauliflower, Egg Plant, Pepper and Tomato ask your dealer for those grown by FRANCIS BRILL, Of Hempstead, Long Island, N. Y.

CANCER CURED WITH SOOTHING, BALMY OILS. Cancer, Tumor, Catarrh, Piles, Fistula, Ulcers, Scorpions and all Skin and Wound Diseases. Write for Illustrated Book, Sent Free. DR. BYE, Broadway, Kansas City, Mo.

SECURITY GALL CURS. Cure Shoulders on Horses and Mules while they are working. Warranted. Feed our Stock Food. It will make you money. Ask local dealer, or write us. SECURITY STOCK FOOD CO., Minneapolis, Minn.

SWINE

It is easier to keep the hogs growing than to check the tendency towards decline after they have once lapsed into a stunted condition.

SKIM MILK AS A FOOD FOR HOGS.—The Tennessee Experiment Station recently completed a hog feeding test which demonstrates the importance of making good use of the by-products of the farm.

Each hog in lot two received twelve pounds of skim milk and four pounds of corn per day during the first thirty days, and twenty-seven pounds of skim milk, together with five pounds of corn, in the second half. From this the gain was 138 pounds per head during the sixty days, or a daily gain of 2.3 pounds per head, made at a cost of 4.2 cents per pound. It must be remembered, however, that the cost per pound in the latter case was reckoned on the basis of skim milk being worth 22 cents per 100 pounds.

The item of greatest importance is that while 4.8 pounds of corn alone were required to make a pound of pork, it only required 2.1 pounds of corn, together with 11.3 pounds of milk, to make one pound of gain. Considering corn to be worth 48 cents per bushel, skim milk had a value of 28.3 cents per 100 pounds. Not only were the gains made much more rapidly when skim milk was fed, but the slaughter contest revealed the fact that these had the most useful carcass, dressing 78.8 per cent compared with 73.6 per cent, as was the case in those fed corn alone.

MANAGING YOUNG BOARS.—As it is now time to use young boars for the benefit of young breeders I will give my method of managing them. The young boar should be put in a lot by himself, entirely away from other hogs, as he will fret too much and not eat enough if allowed to run near other hogs. Sometimes it is good to put a pig or two with him for company and for an appetizer. One of a young boar that is a little tasty about eating will eat better if there is a pig or two with him; he will eat his feed to keep the pigs from getting it—hog like. Then the young boar should be frequently handled; if he is not tame he should be confined in a small pen so he can't get away, and rubbed and handled to get him tame, and then let him out in his lot; and he should be taught to drive and to know his master. He should be driven from his lot to the breeding lot and back, so that he can be driven anywhere and handled

SWINE

like a bull. We have our boars all trained so we can drive them anywhere and handle them as we please, and they have to be broken to handle when young. He should have a good warm bed and plenty of pure water, and have free access to wood ashes and salt. The feed should consist of a variety of food. The best feed should be shorts and skim milk, supplemented with pumpkins and sugar beets or finely cut clover hay with a little corn.

Now for breeding: Every breeder should have a breeding lot or house with a breeding crate. A very cheap breeding crate can be made by making it six feet long and two feet wide and leave the balance of the crate without a top. Then make a bridge three feet long and two feet wide and five inches high; put this bridge at the rear of the crate. After the sow is put in the crate put a rod of iron across the crate behind the sow and keep her from backing out. Then let the young boar serve the sow and then return him to his own lot and let the sow remain in the breeding lot or house till she goes out, unless the lot is needed to breed other sows. The young boar should not be allowed to serve a sow but once, and he should not serve over three or four sows per week. The young boar should be well fed and kept growing all the time. In this way he will get strong, healthy pigs.—Old Swine Breeder.

NEED OF A BULKY RATION.—Prof. W. A. Henry, the author of "Feeds and Feeding," and a well known authority on feeding, in reference to feeding roughness either in roots, hay or fodder, writes as follows: When stock hogs are fed the limited amount they require in winter of concentrated feeds there is only a dribble of nutriment passing through the intestines at any given time and the organs being collapsed, cannot act normally and the animal has a sensation of dissatisfaction and unrest.

By feeding the finer part of clover or alfalfa hay, or giving the animals sorghum forage, the gratings for roughage are generally satisfied and better results are secured, even though the amount of nutriment furnished is not large. We ordinarily attempt to supply the demands of the animal in this line by adding a good deal of water with the feed they receive to form a thin swill. It seems more rational to furnish bulk and some nutriment to shoats and stock hogs by the use of sorghum, alfalfa, clover hay, roots, etc., than to give an excessive supply of water in order to distend the stomach and intestines.

BEST PASTURE FOR HOGS.—O. S. West, a widely known and successful breeder of Duro-Jerseys writes: It is now the season to prepare pastures for the fall for hogs, such as old sows and the spring crop of pigs. All who are supplied with tame grasses such as blue grass, white clover and common red clover may not find it so

urgent to have other pastures, although hogs like a change. Around can now be plowed and sown to rape and rye, and with seasonal rains will make a great growth this fall. Neither rye nor rape are affected by the early frosts, and will continue to grow until it freezes up. The writer last winter had thirty-five acres of rye and a small patch of rape, and this furnished excellent pasture until it froze up, upon which ninety brood sows made an excellent living the month of November with an average of 100 pounds of milk feed fed to them every evening and they gained nicely with this ration. Corn for breeding stock is always of secondary importance. The brood sows that have raised pigs receive virtually no other feed but the pasture after the pigs are weaned. If the pasture and range is good they keep in excellent condition for breeders. Few have a knowledge of the great quantity of feed that is furnished by a rye pasture and the little expense attached to it. Everyone who will make a trial will be pleased and surprised at the results. I must confess that I am a pasture crank, and honestly believe that one-half of the hog's gain is gotten from the grass. Then why not supply them with as much of this cheap and good pasture as can be prepared?

If you have not got tight fences it will pay you to buy woven wire fences and fence up a patch as a trial. Every raiser of hogs should keep the items of pasture fastened in his mind and supply the mortgage litter with as much and as great a variety as possible. At this writing my boar lot of eight acres is being plowed and will be ready to rape and rye. This lot has not been plowed for two years. Last year the rye was hogged down and this summer produced a volunteer crop which in turn has been hogged down again, and all who will see fit to inspect my herd this fall will no doubt see a good boar pasture.

We handle our pigs on pasture as follows. They naturally graze early in the morning, therefore we do not feed until 9 or 10 o'clock, and if the day is warm they gather at the buildings and I feed them at 3 and 5 in the afternoon, and in the cool of the evening they will spread out and be out until after far into the night pasturing. This manner of handling the growing crop of pigs has been satisfactory and profitable. In the fall of the year the cull are cut out and pushed on a corn ration for the market, but they have as much pasture as possible, but are confined in a smaller lot than those intended for breeding purposes. It provides a vigorous type of hog and thus usually rounded out for the market. My culls have repeatedly topped the markets and make good gain and weight for their age.

Only good horses will pay a substantial profit, therefore good breeding is of prime importance.

SHEEP--GOATS

Through they produce an excellent quality of wool, the mutton breeds are not well adapted to life on the range, as they require good care and shelter for proper development.

DIPPING FOR SHEEP SCAB.—Dr. D. E. Salmon, chief of the Bureau of Animal Industry at Washington, reports the most favorable results from the system of dipping for sheep scab inaugurated by this bureau. He says that of the total number of sheep dipped last year 90 per cent were permanently cured and he expresses the belief that eventually the disease will be as completely eradicated as has been pleuro-pneumonia. He asserts that, were it feasible for the sheep raisers to administer a second treatment to all sheep dipped by the representatives of the bureau, every case would be permanently cured. While the prevalence of the scabies has been greatly reduced as a result of the inspection and dipping it, has been impossible to completely exterminate it for the reason that a fresh supply is being constantly imported over the Mexican border as thus far it has been impossible to intercept every flock brought across the line.

THE SELECTION OF EWES.—Few things in sheep husbandry are of more vital importance than the proper selection of ewes. Indeed this is the pivot, on which turns almost every time success or failure. Success, being the case, one cannot exercise too much caution to proceed correctly in laying the foundation of a paying flock of sheep, says Up-to-Date Farming. Why? Because in this way it is nothing very unusual other conditions being equal, for the breeder to realize fully fifty per cent of his annual profits on the increase of the flock. Many of the characteristics of a good rampout to be sought in the ewe. And here it is that the chief point of difference is determined and accentuated by the sexual functions. There should be seen in the ram a massive and powerful front, thick fore quarters and a cluster of voluminous folds about the neck; while as to the ewe, she should be, if anything, heavier in the hind quarters. Circumstances may alter features of course, but it is hardly ever advisable to select what many breeders designate a "pony sheep." Why? Because it is seldom that the highest beauty of form is found united to superior breeding qualities; indeed, this would hold true only by assuming that long and practical training had taught a man to regard as most comely that figure found to be best adapted to sustain successfully the arduous duties of maternity.

As regards size and beauty, therefore, it is generally safest to select moderately large, strong and rangy ewes—ewes of the wedge pattern, having a nearly even taper from the hips forward to the shoulders. A ram in full

feces, remember, should have an almost perpendicular drop from the rump to the ground, and should be thick through the heart, with a firm front of the hind legs. Not so in the ewe, however. In her should be found a slight departure from the perpendicular drop, due to the less fullness in the ham, and the rear 'girth ought to be a little greater than the front one. In the best years, a deep, pendulous fold may be found along the median line of the abdomen, terminating in the udder; and this is something that is a sure indication of excellent maternal organs.

DO YOU KNOW? That the best, neatest, smoothest and most durable saddle is manufactured in Ft. Worth, Texas, by the Nobby Harness Co., who succeed C. J. E. Kellner's retail business. Their saddles are made by the best mechanics in the United States. Their work never fails to give satisfaction. No customer is allowed to be dissatisfied. Write for photos and prices. When you ride in our saddles you drive with our harness you will live long and be happy.

NOBBY HARNESS CO. 600 Houston Street, Fort Worth, Texas.

Atlantic Rye Whisky. Since 1872 we have had over half a million customers throughout this country using our TEN-YEAR-OLD Atlantic Rye Whisky. We ship in plain boxes. FOUR FULL QUARTS, \$3.15. Express Paid, FREE. We also have this brand in the eight-year-old, which we ship express, prepaid. Full Quarts for under \$5.00. FREE order, one sample bottle. Royal Cocktail, one sample bottle. Choice Blackberry, one sample bottle. Whiskey Glass and one sample bottle. If goods prove unsatisfactory after testing them, return them at our expense and we will refund your money. THE ATLANTIC & PACIFIC DIST'G CO., Station A, 1542 Genesee Street, KANSAS CITY, MO. Orders from Ariz., Cal., Colo., Fla., Idaho, Mont., Nev., N. Dak., N. Mex., Ore., Utah, Wash. and Wyo. must call for twenty quarts by freight prepaid.

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As regards size and beauty, therefore, it is generally safest to select moderately large, strong and rangy ewes—ewes of the wedge pattern, having a nearly even taper from the hips forward to the shoulders. A ram in full

feces, remember, should have an almost perpendicular drop from the rump to the ground, and should be thick through the heart, with a firm front of the hind legs. Not so in the ewe, however. In her should be found a slight departure from the perpendicular drop, due to the less fullness in the ham, and the rear 'girth ought to be a little greater than the front one. In the best years, a deep, pendulous fold may be found along the median line of the abdomen, terminating in the udder; and this is something that is a sure indication of excellent maternal organs.

DO YOU KNOW? That the best, neatest, smoothest and most durable saddle is manufactured in Ft. Worth, Texas, by the Nobby Harness Co., who succeed C. J. E. Kellner's retail business. Their saddles are made by the best mechanics in the United States. Their work never fails to give satisfaction. No customer is allowed to be dissatisfied. Write for photos and prices. When you ride in our saddles you drive with our harness you will live long and be happy.

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GOATS.

W. G. HUGHES & CO. Angora Goats, pairs, trios of bucks, shipped anywhere. Hasting, Kendall county, Texas.

R. H. LOWERY, CAMP SAN SABA, Texas. Breeder of Registered Angora Goats. Correspondence solicited.

ANGORA GOATS—WRITE TO H. T. FLOOD (The German Fox), Marble Falls, Tex.

WHISKEY AND MORPHINE

Dr. J. S. Hill, Greenville, Texas, is now sending out his treatment of these habits and guarantees to cure any case that walks the earth for \$25.00. Any references you want.

GOOD SADDLES

AT REASONABLE PRICES. The Famous Pueblo Saddles.



MADE BY R. T. FRAZIER, PUEBLO, COLO. Send for New Catalogue No. 4.

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Have been on the market for nearly a third of a century, and are growing more popular as the years go by. Our new catalogues, showing all latest improvements and newest ideas in Saddles and Harness sent free upon application. THE S. C. GALLUP SADDLERY COMPANY, PUEBLO, COLORADO.

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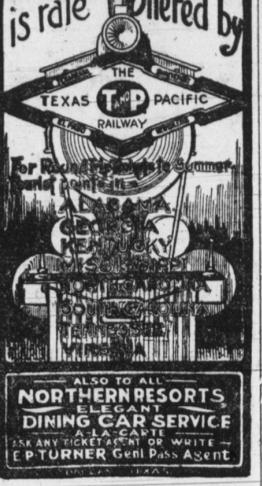
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## MARKETS

### FORT WORTH.

(Reported by The National Live Stock Commission Company.)  
Fort Worth, Tex., Aug. 18, 1902.  
Since our last letter (written on Monday) cattle show some change lower, and hogs have declined heavily, as we feared they would.  
Southern cows and steers are generally 10 to 20 cents lower on the northern market, and hogs about sixty cents lower.

The week's business at Chicago shows that the ordinary light weight steers are in little demand, but the smooth steers, 1000 pounds and up, sell at prices which are still high, some 1025 pounds selling at 4.62 1/2 on Tuesday. On the same day some smooth 80 pound cows brought \$4.15, while 374 pound cows brought only \$3. This indicates the discrimination against anything not choice.

We believe Texas steers of extra quality, well fattened and weighing 1100 pounds and better, will continue to sell well as late as December 15, and from October 1 to December 1, they will probably sell at their highest, because the northwestern cattle are showing less flesh and weight this year and frost will cause them to market by October 1.

The corn fed cattle can hardly get out sooner than January 1, but they may begin to affect the market by December 1, though we hardly look for any appreciable effect until well along in December. We rather fear prices of the spring market on any class. The mills, so far, are refusing to price meal and hulls. The Mississippi, Tennessee and Arkansas mills are pricing, we understand, at \$16 and \$2. The impression seems to be that the Texas mills will ask \$20 and \$4. The fall prices of well finished cattle may justify this food price, but we anticipate that it will require cheaper feed to compete with northern cattle in the spring. All weight feeder cattle, hogs and sheep quickest sales of the year, with good heavy preferred.

On our own market the supply of cows was liberal, but a very small per cent of the receipts could be classed as desirable butcher cattle. The good kind sold readily at very satisfactory prices, but many of the common cows had to be forwarded. All during the week the demand for feeders, steers and bulls was strong and sales were quick. If you have anything of the kind you need not hesitate to let them come any day, especially will this prove your best means of selling small bunches of feeders from now on as the mills will soon be ready to make feed delivery.

During the week we sold about fifteen hundred feeder steers on the range, and from their inquiry which we have we feel sure it will pay any prospective feeder to get his cattle now. There are very few bunches of good three year old steers in the country. We have spent considerable time and money to know where they are and what they are, and feel we can be of service to you.

Our hog market followed "suit" and the top last week was \$6.70 for some nice 180 pound hogs sold on Thursday. This looks low compared to recent times, but compared with northern prices they are still high. We still have some inquiry for stock hogs, but the decline in fat hogs has somewhat affected the stockers. As soon as the prices settle and the corn is gathered we expect lively demand. We quote our market as follows. Choice fat heavy fed steers \$3.75@4.00, medium weight fed steers \$3.25@3.75, good grass steers \$3.00@3.25, light thin steers \$2.50@3.00, choice heavy cows \$2.50@2.75, good butcher cows \$2.25@2.50, good butcher cows \$1.90@2.25, fair butcher cows \$1.50@1.90, bulls, stags and oxen \$1.50@2.10, yearlings and stockers, (very little demand) \$1.50@2.00, feeder steers \$2.50@3.00, with fancies in proportion as to age, weight and quality. Veal calves and mutton very little demand.

Choice sorted hogs, 200 pounds, \$6.65 @6.75. Fat smooth medium weights \$6.50@6.65. Mixed packers \$6.25@6.50. Stockers and feeders \$5.00@5.50.

The northern market by wire this morning shows receipts very heavy, cattle ten to fifteen lower, hogs ten lower. Top Chicago \$7.10, St. Louis \$6.95. Kansas City \$7.10.

### CHICAGO.

Chicago, Ill., Aug. 18.—Cattle—Receipts 24000 head, including 2500 Texans, 5500 Westerns; market for prime steers steady; others 10@25c lower; good to prime steers \$7.50@9.00, poor to medium \$4.25@7.50, stockers and feeders \$2.60@3.35, cows \$1.50@2.75, heifers \$2.50@3.00, canners \$1.50@2.30, bulls \$2.25@3.25, calves \$2.50@7.00, Texas fed steers \$3.00@3.25, Western steers \$4.60@6.40.

Hogs—Receipts 31,000 head; market steady; mixed and butchers \$6.25@6.65, good to choice heavy \$6.75@7.05, rough heavy \$6.00@6.60, light \$6.25@6.90.

Sheep—Receipts 36,000 head; market for sheep lower; lambs choice steady; others lower; good to choice wethers \$3.75@4.25, fair to choice mixed \$2.50@3.75, Western sheep \$2.50@4.00, native lambs \$3.50@6.30, Western lambs \$6.30.

### ST. LOUIS.

St. Louis, Mo., Aug. 18.—Cattle—Receipts 5500, including 4800 Texans; market about steady; native shipping and export steers \$6.00@8.00, dressed beef and butcher steers \$4.00@7.25, steers under 1000 pounds \$3.75@5.00, stockers and feeders \$2.35@5.60, cows and heifers \$2.25@6.60, canners \$1.75@2.25, bulls \$2.65@4.00, calves \$5.00@7.00, Texas and Indian steers \$2.80@3.30, cows and heifers \$2.35@4.25.

Hogs—Receipts 2000 head; market steady; pigs and lights \$6.25@6.70, packers \$6.50@6.70, butchers \$6.70@6.95.

Sheep—Receipts 1500; market steady; native muttons \$2.50@4.25, lambs \$3.35@6.75, culls and bucks \$2.50@4.00, stockers \$1.50@3.50, Texans \$3.25@3.80.

### GALVESTON.

(Reported by the A. P. Norman Live Stock Company.)  
Galveston, Tex., Aug. 16.—Market bare of cattle and calves; demand active and prices firm. Quotations: Beeves, good to choice, \$3.00@3.25; common to fair, \$2.50@2.75; cows, good to choice, \$2.50@3.00; common to fair, \$2.00@2.25; yearlings, good to choice, \$3.00@3.25; common to fair, \$2.50@2.75; calves, good to choice, \$3.50@3.75; common to fair, \$2.75@3.25.

### SAN ANTONIO.

San Antonio, Tex., Aug. 18.—Quotations on live stock are as follows:  
Best shipping beeves.....\$3.00@3.50  
Grass beeves.....2.50@3.00  
Best cows.....2.25@2.75  
Light medium cows.....2.00@2.25  
Stags.....2.25@2.50  
Calves.....2.75@2.90  
Yearlings.....1.75@2.25  
Mast hogs......50  
Feeder hogs.....3.50@4.00  
Heavy corn hogs.....6.50@7.00  
Goats.....2.00@2.25  
Sheep, no demand.

### NEW ORLEANS.

(Reported by the New Orleans Live Stock Exchange.)  
The weekly market letter issued by Alfred H. Isaacson, secretary of the New Orleans Live Stock Exchange, says:  
Receipts of steers past week have been light, and the best grades have been sold at quotations, the market closing about bare and outlook favorable. Receipts of calves and yearlings have been in excess of demand, and trading very slow at a decline in prices; the market closes with an ample supply on sale. Medium Mississippi and Alabama cattle, large and small, selling slowly at quotations.  
Corn fed hogs scarce and in fair demand. The sheep butchers supplied for the present. Choice milkers in request. The outlook for fat steers and cows good. Cannot encourage shipping of calves and yearlings until market clears up.  
Beeves, choice Texas, \$3.75@4.50; fair to good Texas, \$3.00@3.50. Cows and heifers, choice Texas, \$3.00@3.50; fair to good Texas, \$2.50@3.00. Yearlings, choice Texas, \$2.75@3.50; fair to good Texas, \$2.50@2.75. Calves, choice Texas, \$3.25@4.00; fair to good Texas, \$2.25@2.75; fair to good Texas, \$2.00@2.25. Hogs, choice corn fed, \$6@7; mast fed, \$4@5. Sheep, choice, \$2.50@4.00; fair to good 75c@1.25. Milch cows, choice, \$35@45; fair to good, \$20@30. Springers, choice, \$25@30; fair to good, \$20.00@22.50.

### PRODUCE MARKET.

Dallas, Tex., Aug. 18.—The prices offered are those charged by buyers on orders, and are 25@50 per cent higher than are paid by dealers or growers.  
Quotations:  
Cabbages, per pound, 2c.  
New potatoes, Kansas stock, 60c; California stock, 85c.  
Rhubarb, per pound, 5@6c.  
Tomatoes, Texas, 4-basket crates, 65c.  
Beets, per dozen bunches, 30c.  
Radishes, per dozen bunches, 20c.  
Onions, per dozen, Texas stock, 20c; California stock, 2 1/2c.  
Lettuce, home grown, 20@30c per doz.  
Green corn, per doz., 10c.  
Live poultry—Chickens, per doz., old hens, \$2.00@2.25; broilers, \$1.50@2.00;

receipts 10,900 natives, 3800 Texans, 800 Texas and 1750 native calves; market for killer steady to 10c lower; stockers and feeders active, steady; choice export and dressed beef steers \$7.50@8.20, fair to food \$5.75@7.45, stockers and feeders \$2.65@5.60. Western fed steers \$3.20@4.10, Texas cows \$2.00@3.00, native cows \$1.50@2.20, bulls \$2.30@3.75, calves \$3.00@6.00.

Hogs—Receipts 4250 head; market steady; heavy \$6.92@6.95, mixed packers \$6.75@6.90, light \$6.45@6.70, Yorkers \$6.65@6.70, pigs \$6.25@6.45.

Sheep—Receipts 8450 head; market 10@15c lower; native lambs \$3.45@5.60, Western lambs \$3.70@5.00, native wethers \$3.40@4.25, Western wethers \$3.00@3.90, few ewes \$3.00@3.85, Texas clipped yearlings \$2.25@4.00, Texas clipped sheep \$3.00@3.25, stockers and feeders \$2.40@2.95.

Chicago, Ill., Aug. 18.—Cattle—Receipts 24000 head, including 2500 Texans, 5500 Westerns; market for prime steers steady; others 10@25c lower; good to prime steers \$7.50@9.00, poor to medium \$4.25@7.50, stockers and feeders \$2.60@3.35, cows \$1.50@2.75, heifers \$2.50@3.00, canners \$1.50@2.30, bulls \$2.25@3.25, calves \$2.50@7.00, Texas fed steers \$3.00@3.25, Western steers \$4.60@6.40.

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### GRAIN MARKET.

Dallas, Tex., Aug. 18th.  
Wheat 70c.  
Carload lots—Dealers charge from 50c to 10c per bushel on oats and corn and 10@15c per 1000 pounds on hay.  
Bran 50c.  
Chopped corn—Per 100 pounds, \$1.40.  
Corn—Per bushel, shelled, 83c.  
Oats—Per bushel, 60c.  
Hay—Prairie, \$12@16; Johnson grass, \$13@15.  
Grain bags, bale lots—Five bushel oat bags, 3 1/2c; 2-bushel corn bags, 6c.

### WOOL AND HIDE MARKET.

Dallas, Tex., Aug. 18.—Dry kind beef hides, 16 pounds and up, 13c.  
Dry sale hides, 10c.  
Green salt hides, 40 pounds and up, 7@7 1/2c.  
Green salt hides, under 40 pounds, 6 1/2@7c.  
Dead green hides, 40 pounds and up, 6c.  
Bright medium wool, 12 months' clip, 14c.  
Heavy and fine wool, 7@9c.

### FRUIT MARKET.

Dallas, August 18th.  
Oranges, per crate.....\$3.00  
Plums, 1/2-bushel box.....20@30c  
Plums, crate.....75c@1.00  
New apples, bbl.....\$3.50@4.00  
Blackberries, crate.....\$1.35@1.50  
Apples, Arkansas stock, bbl.....\$4.00

### THE HORSE.

In order to raise sound and serviceable draft horses breeding stock must be as carefully selected as though it were desired to produce equines that might win laurels on the turf.  
Often times horses which develop the most speed on the turf are among the poorest roadsters. Bursts of speed are not so essential as the faculty of steady plodding along at a good gait for hours at a time.  
It is a better plan to pay \$20 for a colt that will mature into a horse that can be sold for \$150 to \$250 than to pay \$5 to \$10 for a colt that is either unsalable or will not bring more than \$100.  
Width between the eyes in a horse is indicative of mental development. If the space is small, the chances are that the animal's brain is contracted. Equines of this type are peevish and irritable.  
HORSE FEEDING EXPERIMENTS.—The Experiment Station of North Dakota has completed some interesting tests at horse feeding with various kinds of feed grown on the farm. Summarized, the results were as follows:  
1. Bromo hay gave as good results when fed to work horses as did timothy hay.  
2. Oat straw was satisfactorily used for feeding horses which did light work and for those which were idle. One-fourth more grain was required to support horses doing light work when they were fed straw.  
3. Barley was not equal to oats in feeding value per pound, but was nearly as good. Mules did not relish barley.  
4. Malted barley was not so valuable for work horses as oats, and was not equal in value to the dry barley from which it came.  
5. Corn fed in connection with oats in the proportion of 100 pounds of corn to 125 pounds of oats had greater value than oats; 7.5 pounds of corn equalled 100 pounds of oats when fed to work horses.  
6. Whole wheat fed alone was an unsatisfactory feed for horses. Wheat ground and mixed with bran in the proportion of two parts of wheat to one part of bran by weight gave good results.  
7. Bran and shorts mixed in equal parts by weight was equal to oats in feeding value.

### THE IDEAL SADDLE HORSE.

General John B. Castlemann said in his address before the National Live Stock Association:  
It is a matter of fact that the breeders of the American saddle horse have found it essential always to preserve and propagate a strong infusion of thoroughbred blood, thus giving the finish, the courage and beauty which the cross with the thoroughbred has been found to produce.  
The thoroughbred horse is himself not a saddle horse. His action is different, his stride is not easy, his temper is often objectionable, but by proper selection there has produced in the family of American saddle horses the most desirable characteristics of the thoroughbred. We have in addition to the finish and courage, his ear, his eye, his shoulder, his couplings, his clean, hard legs. There is no horse anywhere whose traits are more certainly transmitted than those of the American saddle horse. Therefore, it is said that the stallions of the American saddle horse, crossed judiciously, produce horses of best utility, produce the best horses for the range, produce the best cavalry horses that can be found in the world, having the greatest intelligence, the fastest walk, the easiest canter, and the clearest trot. The wish for these horses

large fryers, \$2.50@3.00; springs, \$3.00@3.50.  
Ducks, no demand.  
Eggs, country, 12@15c per doz.  
Creamery butter, 20@25c; country butter, per lb., 20c.

### COTTON MARKET.

Dallas, Aug. 18.—Spot cotton weak and lower.  
Low ordinary.....1.6 1/2  
Good ordinary.....1.75  
Low middling.....1.85  
Good middling.....1.95  
Middling fair.....2.10-13

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is coming not only from the foreign countries as well, and it has not been possible in recent years to furnish the stallions for which there has been an active demand.

### A CURE FOR THE TOBACCO HABIT.

Mrs. M. Hall, 3162 Eleventh street, Des Moines, Ia., has discovered a harmless remedy for the tobacco habit. Her husband was cured in ten days after using tobacco for over thirty years. All desire for its use gone. Can be filled by any druggist. Mrs. Hall will gladly send prescription free to any one enclosing stamped envelope.

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The Southern Pacific has again opened the doors to cheap travel from Texas points to California. During the months of September and October, one way second class tickets will be on sale from all main line points on the Houston and Texas Central railroad and Southern Pacific, a rate of \$25.00, except from stations east of Houston, from which points rate is made by adding local fare to Houston rate, and from Galveston where the rate will be \$28.45.  
These tickets give stop-overs at California points, and offer a splendid means of making a trip to California at lower rates than ever. Consult your local ticket agent or write for literature and other information.  
T. J. ANDERSON, A. G. P. A.,  
M. L. ROBBINS, G. P. and T. A.,  
Houston, Texas.

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The Burlington Route renews the low one-way Settlers' rate of \$25.00 from Missouri River to California, Portland and the Puget Sound country every day during September and October, with correspondingly low rates to the Spokane district and the Butte-Helena district; also proportionate rates from Interior Missouri, Kansas and Southwest territory.  
"The Burlington Northern Pacific Express" is the great through train leaving Kansas City daily for the Northwest. Through Coaches, Chair Cars (seats free), Standard and Tourist Sleepers to Butte, Helena, Spokane, Tacoma, Seattle, Portland. Connecting train from Denver at night joining this Northwest train at Alliance, Neb.

### VISIT THE OLD HOME—EAST.

Home visitors' excursions to points in Ohio and Indiana; dates of sale September 2, 9, 16 and 23. Limit 30 days. Also excursions to Ohio and Indiana during the first week of October at the time of the big Grand Army reunion in Washington, D. C.  
TO CHICAGO—The Burlington's famous "Elmer" is the best known and most popular train from Kansas City and St. Joseph to Chicago.  
TO ST. LOUIS—Two daily trains carrying all classes of standard Burlington equipment.

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On the first and third Tuesdays of August, September and October, to many sections of the West and Northwest. Consult nearest ticket agent or write the undersigned for full information, printed matter and the least cost of your proposed trip.  
O. W. ANDREWS, L. W. WAKELY, Gen'l Pass. & Ticket Agent, St. Louis, Mo.  
C. M. LEVEY, General Manager, St. Louis, Mo.

Between TEXAS and ST. LOUIS

**The I. & G. N.**  
(International & Great Northern Railroad Co.)

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**IS THE SHORT LINE**  
Through Chair Cars and Pullman Sleepers Daily.  
Superior Passenger Service.  
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Between NORTH TEXAS and ST. LOUIS

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TO  
New York, Boston, Buffalo, Niagara Falls, Detroit, Chicago and all Eastern Cities.

The shortest and only line from Kansas City or St. Louis running over its own tracks to Niagara Falls or Buffalo. Time and equipment unequalled.

**THREE SOLID FAST THROUGH TRAINS DAILY.**

Leaving St. Louis.....9:00 a. m. 8:30 p. m. 11:33 p. m.  
Arriving in Buffalo.....4:05 a. m. 6:50 p. m. 7:30 p. m.  
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**Unequalled Service Between St. Louis and Chicago.**

Leave St. Louis.....9:22 a. m. 9:05 p. m. 11:33 p. m.  
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Stop-over allowed on all tickets via Niagara Falls. Meals served in Wabash Palace Dining Cars.

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Are saved by purchasing tickets via Wabash Route. Consult ticket agents of connecting lines, or address  
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**BETTER SERVICE 1902.**

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**SUNSET ROUTE.**

FREE CHAIR CARS. SPLENDID EQUIPMENT.  
BOX-VESTIBULED, PERFECT TRAINS.

**THE VERY BEST AND TO ALL POINTS**

DON'T FORGET our EXCURSION SLEEPING CARS TO WASHINGTON, CHICAGO, and CINCINNATI. Berth Rates LESS THAN HALF STANDARD.

Send 10c in stamps for a copy of the SOUTHERN PACIFIC RICE COOK BOOK, containing 200 recipes.

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Pass. Traffic Mgr. Asst. Gen. Pass. Agt. Gen. Pass. & Ticket Agent,  
HOUSTON, TEXAS.

**RATES 'WAY DOWN**  
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And all Resorts in Colorado, Michigan, Wisconsin, Minnesota, New York, Canada and Pennsylvania.

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LONG LIMIT  
THROUGH SLEEPERS TO DENVER AND CHICAGO.  
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NOW ON SALE  
VIA  
**Houston and Texas Central Railroad**

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Arkansas Kentucky Mississippi South Carolina  
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**TRY CLOUDCROFT. N. M.,**  
9000 feet above sea level. It's delightfully cool. Or you might TAKE A TRIP TO NEW YORK via Houston, New Orleans and Cromwell Line.

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**Another Thru Train to Kool Colorado**

BEGINNING JULY FIRST, WE SHALL HAVE TWO THRU TRAINS TO COLORADO EACH DAY.

One will leave Fort Worth at 9:45 A. M., the other 11:10 P. M., after the arrival of all evening connections.

For guests who wish to retire early, a sleeping car will be ready each evening at 9 o'clock.

Both trains will be run thru to Denver. Each will carry thru coaches and sleeping cars, and meals will be served, en route, in cafe dining cars.

This doubles the thru train service to Colorado from this territory, there is still "Only One Road" which has any at all. We have also the only direct Colorado line; make the best time, and haul very nearly everybody who goes. And, using our line, "You Don't Have to Apologize," you know.

**"THE DENVER ROAD"**  
PASSENGER DEPARTMENT. FORT WORTH, TEXAS.

N. B.—The rate, from all Texas points, is one fare plus two dollars for the round trip, good, returning, till October 31, on sale all summer, every day. Tickets round over our line have more stop-over privileges than any other road can offer, too.

**CLEAR TRACK**  
FOR THE  
**"KATY FLYER"**  
BETWEEN  
ST. LOUIS, CHICAGO, KANSAS CITY,  
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DISTANCE SHORTENED ACCOUNT QUICKER TIME

## THE TWIN TERRITORIES

For several years cattlemen, by suffering, have been permitted to inclose large areas of land in Beaver and other western counties for pasture. The bulk of the land was subject to homestead, but was unsettled. In fencing this vacant land there was also inclosed the adjoining school lands. The Oklahoma school land department compelled the cattlemen to pay an annual rental of \$25 for each school section. There is now no unleased school land in Oklahoma. The increasing prosperity of Oklahoma has attracted a heavy immigration, and many cattle pastures were cut up by farmers who "homesteaded" them. They complained of the wire fences built by the cattlemen and asked the federal government for relief. The

## \$500 REWARD

Will be paid for any case of syphilis, gleet, stricture, lost manhood, nervous debility, seminal losses, weak, shriveled or undeveloped organs which I fail to cure. This offer is backed by \$25,000 worth of real estate owned by me in Houston, Texas. Consultation and advice free and confidential. Send for symptom blank and address.

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YOUNG STOCK FOR SALE AT ALL TIMES.

## "Sunny Slope Herefords."

150 bulls from 6 to 30 months old, 100 yearling heifers, 60 cows from 2 to 8 years old. I will make very low prices on any of the above cattle, if taken at once.

C. A. STANNARD, EMPORIA, KANSAS.

REGISTERED  
**HEREFORDS**  
700 head in herd. Young stock for sale.  
GUDGELL & SIMPSON  
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CURED QUICKLY, SAFELY  
WITHIN 48 HOURS  
Fluids, Fissures, Ulcerations and Hemorrhoids. No Cure No Pay.  
Famously of testimonials free.  
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And deliver anywhere in the United States 4 full quart bottles of the celebrated.  
**CANEY CREEK WHISKEY** 4 years old.  
Upon receipt of THREE DOLLARS—cash or money order. Satisfaction guaranteed or money refunded. Refer you to any bank or merchant. Established in 1881.  
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The Dandy Windmill is the favorite, not altogether because it is made and sold by reliable people, but rather because of its intrinsic merit and its unparalleled record. Reliable dealers handle it because they cannot afford to recommend machinery—especially of this kind—which does not give uniform and permanent satisfaction. Strongest and simplest—Hence MOST DURABLE. Send us your name and we will send you the proof and prices. Your inquiry will have prompt and painstaking attention.  
**Texas Challenge Windmill Co.,**  
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263 Live Oak Street, Dallas, Texas.

Chas. W. Landon, Director.

## Landon Conservatory

Of the Conservatory opens September 9, 1902, in a large new building. All instruction by thorough Musicians of proved excellence for their superior gifts and qualifications as teachers. This Conservatory has the remarkable record of over 800 students from nineteen states and from over eighty Texas towns. Capacity of buildings had to be enlarged three times. Superior advantages offered in all branches of music. You will be interested to know that the Director has more than five times as many calls from Seminary and College Presidents to furnish them teachers from his graduates as he can fill.

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P. O. Box 591, Dallas, Texas.

cattlemen had no legal right to use or fence the public lands, and orders were issued for the removal of the fences. Orders have been issued several times, but were never enforced. Now, however, it is believed that the fences will be torn down, as imperative orders to that effect were recently issued.

Col. Albert Dean, head of the Western division of the bureau of animal industry, has just received an official communication from Dr. Leslie J. Allen, telling of a "new disease" that was reported in Oklahoma. Recently the bureau was notified that eight cattle belonging to L. A. Layton of Dewey county, O. T., had died under peculiar circumstances. Col. Dean immediately sent for Dr. Allen to the scene of the outbreak. The doctor now writes that the "new disease" is nothing more nor less than tick fever. Dewey county is well above the quarantine line, but it is open range down there, and last season was crossed by several droves of Southern cattle. The Layton cattle were natives, hence they received the fever from the ticky cattle crossing their pastures. Dr. Allen has established a quarantine around the Layton place, and has notified the Oklahoma sanitary board of the same.

Squatters in Indian Territory are reported to be engaged in jumping claims where towns have been surveyed. After a townsite has been located and surveyed into lots the Indian citizen who has a claim on the land can sell to the non-citizen, but can only give him a possessory title, which the government is expected to recognize when the final survey and allotments are made. In order to make his possessory title good he must erect improvements on the lot. Otherwise the squatter, by making the improvements, is supposed to stand as good a chance of having his claim recognized as the purchaser of the possessory title from the Indian.

Forty-eight vacant lots in the town of Hugo on the square are reported to have been entered by squatters, most of whom moved on them in the night and erected temporary shanties.

A special order has been issued by the bureau of animal industry forbidding the removal of cattle from the Ponca and Otoe Indian reservations west of the right of way of the Atchison, Topeka & Santa Fe railroad, into the non-infected part of Oklahoma, or any northern state or territory, except for immediate slaughter. The reason

is that Texas fever has been discovered in that section, which, by virtue of amendment No. 2 to B. A. L. order several months ago was placed above the quarantine line. This modification is now temporarily revoked—Cattle can pass out of this territory into the non-infected district only after having been duly inspected by authorized inspectors of the department and a certificate as to their non-infection issued.

Several days ago warrants were issued at Guthrie by United States Attorney Horace Speed for the arrest of eight prominent cattlemen of Western Oklahoma, charging them with conspiracy against the government in attempting to defeat the rights of homesteaders who were encroaching on the government pasture lands heretofore leased by the cattlemen. Yesterday the United States marshal was notified of the arrest and arraignment of five of the cattlemen at A. Reno and their release under \$1000 bond until time of trial. Seven out of the eight have been arrested. One of them is in the federal jail in Guthrie under \$1500 bond.

## NEW MEXICO

The Gila Land and Stock Co., with headquarters at Silver City, N. M., has been incorporated by Thomas R. Pearson, Fulton J. Davidson, John W. Carter and John Clay. Capital stock \$200,000.

Kighart George, a pioneer cattleman of the Black range in New Mexico, died a few days ago at Silver City. He had been in that part of the country a quarter of a century and experienced many adventures during his career in that section.

According to a Socorro, N. M., paper, a new use for the burro has been discovered. There is but little activity in mining in that country at present, and consequently burros are not worth having. A Mexican farmer decided to kill his burros and get them out of the way. He was struck with the idea of cooking the flesh and feeding it to his chickens. According to the story burro flesh proved better than grain as a fattener and the price of the animals at once advanced from nothing a head to 50 cents and the market is steadily going up.

The setting aside by the government of a large tract of land in Lincoln county, New Mexico, as a forest reserve, has caused much apprehension among the stockmen in that section, who fear that thousands of cattle which have been grazing on the fertile slopes of the White mountains will be ordered away. This with the Mesquite Indian reservation, makes more than 1,000,000 acres in Lincoln and Otero counties useless to people in that section.

The Grayson herd of fine Durham and Hereford cattle from the Grayson ranch, near Hillsboro, N. M., has been sold. W. A. Hobson and W. R. Patterson of California, are the purchasers. The herd consists of about 25,000 head and among them are some of the best breeds of cattle in the territory. The price paid has not been made public, but it is rumored to be about \$16 per head, taking them as a whole. Messrs. Hobson and Patterson made another purchase of 7,000 head near Globe.

Keep the body healthy at this season by using Prickly Ash Bitters. It is a necessary condition to successfully resist malarial germs.

## The Journal Institute

NURSERY STOCK DIFFICULT TO PROPAGATE—I was surprised on learning the subject assigned me, as I had a similar subject last year, and think it proper to draw out other nurserymen on this very important question, so far as to get an exchange of ideas and experience, which will enable us to arrive at a more definite solution of the intricate problem of propagation. Such papers as this should be freely discussed, as the nursery stock that I consider most difficult to propagate may not be considered so by others and vice versa.

I will be compelled to give you a reproduction of some ideas already advanced, as they express the best methods that I know.

As the propagation of the plum and peach seem to be the most important in the South at present, and as there are some difficulties in the way of amateurs, will give a few hints in regard to some of the more important points to plant. Be sure that you get seed clean seed. If seed are so dry that it is difficult to tell whether sound or not, if you will soak them in water several days, if they have been heated in drying the skin will slip off the kernel easily and it will look slick and yellow as if it had been cooked. If good the kernel will be white, sweet and fresh looking. I can not stress too heavily the importance of planting good, sound seed, and they should be bedded or planted in nursery rows as early in the fall as possible, if you wish to secure best results. Dry seed planted or bedded after January 1 are very unsatisfactory and rarely ever pay for expense and trouble. If bedding the seed wash the earth in among them and they will hold the moisture much better, and they will do better to come in contact with the earth. If you should have a few choice dry seed to plant to see what they will produce and failed to plant them early, you can crack the seed so as not to injure the kernel and plant them in moist earth. They will come up well. Seed that have been bedded or planted in nursery row as soon in January or February as possible, before they begin to sprout. For successful May and June budding, you should not put the fertilizer in row with seed, as it might kill the seed in germination. It could be put in broadcast, if heavy manures are used, or if cotton seed meal or other commercial fertilizer is used, the seedlings can be barred off as soon as they have come up, and distributed in the furrow. If seedlings are properly cared for, budding can be begun by the middle of May. Buds should be inserted as soon as seedling is large enough to receive them. In an easy the greater the top can be cut off—provided seasons are

favorable—just above the bud and it will force out at once. Some danger attends force budding if it is not thoroughly understood. The buds should be inserted above some leaves, or limb, so that when the top is cut there will be some leaves left for the stock to breathe through; if robbed of the leaves in dry weather the stock will be injured or perish. The stock should not be trimmed clean until the bud has forced out six or eight inches, which will give them sufficient leaves for healthy respiration. All peach, plum, apricots, almonds and prunes, except some dwarf varieties, can be forced well in May or June and make good stock.

I find that the Japanese plum and apricot graft very well on piece roots. If matured scions are used, and if lined in nursery row soon after they are made. They also do very well ground grafted in spring. If scions have not been injured by cold. All grafts—apple, pear, plum, etc., which are made indoors, should be planted in nursery row soon after made, as they are liable to be injured by cold. All grafts—sand or sawdust very long, as it is hard to regulate the heat and moisture. Indoors grafting should be done early in February and early in March, but be done in March and April, yet the best results can be obtained generally from early grafting.

Ground grafting should be done when the sap begins to start in the trees, as the pins are not so liable to be pulled out by the cold if done late. If grafts are made in nursery row, propagate from indoor grafting as they are very uncertain. I find planting out the seedling in early fall or winter in the nursery row, and covering with a much surer way, and what buds failed to take stock can be ground grafted next spring.

I graft the nursery on Mons multicaulis, making the stock or cutting about three or four inches long and pin about the same length. They seem to do better on these cuttings than on roots.

Japanese persimmons are propagated generally by ground grafting on seedling or native persimmon, which I think the most successful. Before ground grafting them I run a tree digger under them and cut the roots so as to cause them to branch, and they make very strong roots, and are very easy to live in transplanting.

Cherries are easily grown if grafted on piece roots of Mahaleb, or seedlings can be planted in nursery row and budded the following summer. Where buds fail to take they can be ground grafted the following spring.

From my former piece the following concerning the propagation of roses, cape jasmine, magnolia, etc.: "Roses can be grown by budding, grafting, cutting and layering. But I prefer the finer roses grafted on harder stock, as they make much stronger plants, finer roots and larger blooms. Everblooming roses usually have very weak roots. Prairie Queen, Seven Sisters, Manetta Baltimore Belle, and some others are generally used for stock. In budding, the graft should be put out in the fall, before injured by the cold, which will insure a perfect stand, and these can be budded very early in summer. In cutting, the stock, or ground grafted in fall or spring. Or roots can be taken up and grafted indoors. The cuttings of some of these hardy roses can be used for stocks for grafting if done before injured by the cold. All piece root rose grafts should be planted out when made as in summer. If they are packed in any length of time. Grafts should be mulched in winter to prevent injury from cold when they are grafted in the fall. I plant cape jasmine any time when the weather is warm. First prepare the land well and open with a spade to receive the cuttings, leaving the cavity open till and then press the wet mud around them closely with the hand and shade them with a twelve-inch plank by putting bricks underneath each end so as not to crush the stems. In winter, the cuttings should be covered with a layer of straw or brush. If weather is very dry, water them once a week. In a few weeks plants will be well rooted, and planks can be removed. If the cuttings are in place of plank, or they can be grown in beds the same way under a plank or brush arbor. Magnolias are grown from seed, and they can be grafted allowing the pulp to dry on the seed, as the oil will penetrate and kill the germ. Put the seeds in water as soon as they are in one or two days the pulp can be washed off easily, through a coarse sieve, or if seed are planted as soon as gathered, in damp earth. It will rot in the soil, and if they are not they will come up well without cleaning. They should be planted in a latched house, which given a partial shade of the sun, and they will grow better. These, I think, are considered most difficult to propagate.

JOHN F. SNEED,  
of Tyler, before Texas Farmers' Congress.

Don't neglect the warnings of nature. If your appetite is poor, breath bad, tongue coated, you will be sick unless you take steps to put your system in good condition. Prickly Ash Bitters is the remedy you need. It cleanses the entire system.

S. A. Kamp, president of the Rice Association of America, estimates this year's crop in the United States at 2,000,100 sacks, basing his estimates upon reports from over 300 correspondents. He thinks Prof. Taylor's estimate of 1,000,400 sacks for Texas is about correct.

A tract of 312 acres has been sold by C. W. Hahl and Company of Houston, Tex., to Judge George D. Chase of Shelbyville, Ill., for \$1,000. Another recent transaction was the purchase by Sherman Garland of Louisiana, of a section fifteen miles west of Houston for 7500. Both pieces of land will be planted in rice next season.

Fortify the body to resist malarial germs by putting the system in perfect order. Prickly Ash Bitters is a wonderful system regulator.

## COMBINED SCIENCE TESTED.

Why Dr. Duncan is so much more successful than all others without drugs or knife.

Combined Science means every science useful without drugs or useless operations. It means a mountain of remedy and skill, superior to all others who only have attained a spark of knowledge of some science not effective enough to cure any one alone. The traveling cure-all has always proved a failure, and should not be placed before the suffering public until the operator has gained a full knowledge of the body and all the methods sufficient to meet any condition of the system and a full knowledge of all diseases and what disease really is. So many have sent a small fee to some persons representing themselves competent to teach them any or all diseases. What folly! What an imposition, not only upon those who accept their offer and send them money, but upon those who go to such persons for treatment. Such a profession could not be attained by correspondence and misrepresentation. Dr. Duncan states that it cost him five thousand dollars to make him proficient in Combined Science, and that he feels sure that unless the whole scientific science is well known, and full knowledge of the body and diseases as well, that no one should claim to be able to treat with any success any disease, and could not do so truthfully. Dr. Duncan cures almost all his worst patients in thirty days to six weeks, and it is permanent. He has been in Fort Worth more than three years, and has maintained one of the best regulated drugless sanitariums during all that time in the state of Texas. He has treated successfully five thousand people who were afflicted with the worst and most aggravated diseases, pronounced incurable, and which all other professions had pronounced incurable, classed among all diseases known in this country to human flesh, and has always succeeded. Out of all these thousands treated by him he has lost but three patients by death. He has accepted the worst insane and cured them sound and well. He has accepted the consumptives and cured them. He has accepted the dreaded meningitis of the worst form and mastered that disease. He has accepted the worst paralytics and cured them. He has cured the cripples from all causes and forms. He can, beyond doubt, reduce any fever in thirty minutes. He can control and regulate the circulation in the same length of time.

He has, by his method, full control of the heart, action, nervous system and digestion, and soon regulates them with ease and precision. He can, beyond doubt, re-establish normal conditions of the mind in all cases. In fact he can establish complete normal conditions of the entire body. Could you ask for more? If you have any disease do not waste precious time and money with drugs or operations, remembering that Dr. Duncan can cure you in less than sixty days without either drugs or the surgeon's dangerous knife, no difference who may tell you that you are incurable. This successful physician is located at 300 East Fourth St., Fort Worth, Tex.

Dr. J. H. Terrill  
285 Main Street  
Dallas, Texas.

**RICE STRAWS.**  
A canvass recently completed by Professor T. U. Taylor, of the United States Geographical Survey, shows that the rice yield of the state this year will be approximately 1,450,000 sacks. He estimates the total acreage at 182,100, with 43,000 acres under cultivation in Jefferson county alone.

**THE RICHEST GIFT**  
Which a father can bestow upon his children is that of A GOOD EDUCATION.  
The poor man, endowed with knowledge, derives greater pleasure and benefit from life than the wealthy whose elementary training has been neglected.  
More opportunities are offered men and women of brains in this generation than ever before.  
The great question that must be determined during the next few weeks by parents is, Where shall I send my son or daughter that he or she may be best equipped for the battle of life? On another page of The Journal is presented a list of Schools and Colleges that offer

**Exceptional Advantages**  
To ambitious young men and women who would achieve future success. They are all worthy of favorable consideration.

## DR. TERRILL'S NEW BOOK

ON DISEASES OF MEN



DR. J. H. TERRILL

My newest book, just from the press, should be in the hands of every man, young or old, in the United States. It contains information which is the practical result of thirty years' devotion to the treatment and cure of Diseases of Men, giving valuable information on every phase of Nervous Debility, Varicocele, Piles, Blood Poison and Skin Diseases, Urinary and Bladder Complaints, Catarrh, Epilepsy and all Nervous Diseases. This book is full of plain, solid facts that every man should know. Do not give up all hope and think yourself incurable because you have tried all other treatments in vain. My book will give you a clear understanding of your case and will convince you there is a way to perfect cure and full restoration to health and happiness. This book, with complete symptom blank, will be mailed free on application. Address

285 Main Street Dr. J. H. Terrill Dallas, Texas.

## Positively My New Methods Cure Diseases Pronounced Incurable

Consumption treated by X-Ray; marvelous results. Thousands made well. Electricity scientifically applied by best static machines.

All Diseases Treated

None turned away. All whom I treat are cured.

Only Treatment of the Kind in the Southwest. Write me to-day.

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Consign your cattle and hogs to Fort Worth Live Stock Commission Co., Fort Worth, Texas. We have the best connections in all the markets. Market reports free. Correspondence solicited. Liberal advances made to our customers.  
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STOCK YARDS, GALVESTON. Correspondence Solicited. Prompt Returns.  
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Buy and sell all kinds of live stock on commission; also pasture lands in Cuba. Correspondence Solicited. Reference—1st Nat'l Bank, Tampa, Fla.

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