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Established 1880

## THE FAT STOCK SHOW.

Seventh Annual Exhibit, Held last Week, was Representative of the Wonderful Progress in Scientific Stock Raising Made by Texas and Territory Breeders—Complete List of Cattle, Sheep and Hog Awards—Formal Opening of the Packing Houses.

In several respects the fat stock show at Fort Worth last week was the most successful ever held in the state. It was memorable from the fact that the great packing plants of Swift and Armour were formally opened. The visitors numbering over 10,000, included many stockmen en route to the Cattle Raisers convention at El Paso. Never before has a finer exhibit of cattle, hogs and sheep been gathered together under one roof in the Southwest. Conservative estimates place the value of the stock shown at \$250,000. The new pens are admirably arranged and equipped, the vitrified brick floorings making it an easy matter to keep them scrupulously clean. With the close of the week, the show ended. The general verdict of the executive committee in charge and the breeders who attended was that it had been the most representative ever held since the organization of the association seven years ago. As an object lesson, illustrating the development of the livestock industry in this section of the country during the past decade, it could not have been made more effective. Those who attended were enabled to see for themselves how an eight-months-old calf of standard breeding could be developed into a more beefy animal than an eight-year-old steer of the "longhorn" nondescript type. The uninitiated were struck with wonder at what had been accomplished in so short a time, while the men who had brought about the transformation felt justified in expressing some satisfaction at what they had done. They declared, enthusiastically, that what careful stock breeding had accomplished for many of the older states, it would do for Texas.

The awarding of prizes was begun on the opening day and continued through the rest of the week. On Thursday Thomas Warnell of Liberty, Mo., judged the Shorthorn cattle and W. T. Willis of Plattsburg, Mo., the Herefords. Following is the list of the awards made under these heads:

**CLASS V—HEREFORDS.**  
No. 59—Best bull 3 years old and over:

First premium, B. C. Rhome of Fort Worth, on Beau Lamplight.  
Second premium, B. C. Rhome of Fort Worth, on Percival.  
Third premium, J. F. Hovenkamp of Fort Worth, on Sleigh.  
Fourth premium, Tom Hoben, on Ike.

Fifth premium, W. H. Myers of Blue Grove, on Jeffries.  
Sixth premium, B. C. Rhome of Fort Worth, on Ridicule.

**CLASS V—HEREFORDS.**  
No. 60—Best bull, 2 years and under:

First premium, Scharbauer Bros. of Midland, on Oakwood Hesiod.  
Second premium, Tom Hoben of Nocona, on Warrior the 8th.  
Third premium, Tom Hoben of Nocona, on DeWet.  
Fourth premium, Payne & Jones of San Angelo, on Warrior the 18th.  
Fifth premium, W. S. & J. B. Ikard of Henrietta, on Warrior the 5th.  
Sixth premium, J. B. Salyer of Jonah, on Milton J.

**CLASS V—HEREFORDS.**  
No. 61—Best bull, 1 year and under 2:

First premium—Scharbauer & Aycock of Midland, on Oakwood Hesiod 43d.  
Second premium, Tom Hoben of Nocona, on Jerry.  
Third premium, B. C. Rhome of Fort Worth, on Rambler.  
Fourth premium, Scharbauer & Aycock of Midland, on Sir James 34th.  
Fifth premium, B. C. Rhome of Fort Worth, on Edison.  
Sixth premium, Payne & Jones of San Angelo, on Ikard.

**CLASS V—HEREFORDS.**  
No. 62—Best bull under 1 year:

First premium, Scharbauer Bros. of Midland, on Glacus 13.  
Second premium, B. C. Rhome of Fort Worth on Cincinnati.  
Third premium, Scharbauer & Aycock of Midland, on Texas Hessian the 8th.  
Fourth premium, Scharbauer Bros. of Midland, on Sir James the 56th.  
Fifth premium, W. S. and J. B. Ikard

of Henrietta, on Wilton Grove.  
Sixth premium, Lee Bros. of San Angelo, on Pure Gold.

**CLASS V—HEREFORDS.**  
No. 63—Best cow 3 years and over:

First premium, W. S. and J. B. Ikard of Henrietta, on Armour Poppy.  
Second premium, B. C. Rhome of Fort Worth, on Bright Maid.  
Third premium, B. C. Rhome of Fort Worth, on Priscilla the 4th.  
Fourth premium, B. C. Rhome of Fort Worth, on Bright Countess.  
Fifth premium, Tom Hoben of Nocona, on Gertie the 2d.  
Sixth premium, W. S. and J. B. Ikard of Henrietta, on Gertie.

**CLASS V—HEREFORDS.**  
No. 64—Best heifer, 2 years and under 3:

First premium, Scharbauer & Aycock of Midland, on Clara Oakwood.  
Second premium, J. B. & W. S. Ikard of Henrietta, on Ladie Donnie.  
Third premium, J. B. & W. S. Ikard of Henrietta, on May Bloom.  
Fourth premium, B. C. Rhome of Fort Worth, on Dulcinea.  
Fifth premium, B. C. Rhome of Fort Worth, on Verdi.  
Sixth premium, Campbell Russell of Bennett, I. T., on Belle Wilton 2d.

**CLASS V—HEREFORDS.**  
No. 66—Best heifer calf under 1 year:

First premium, Scharbauer Bros. of Midland, on Bessie Elliott No. 4.  
Second premium, Scharbauer & Aycock of Midland, on Harry Jewell.  
Third premium, J. B. Ikard of Henrietta, on Zentive.  
Fourth premium, Scharbauer & Aycock of Midland, on Iatan.  
Fifth premium, B. C. Rhome of Fort Worth, on Starlight.  
Sixth premium, Lee Bros. of San Angelo, on Leedall Beauty.

**CLASS III—SHORTHORNS.**  
No. 18—Best bull, 3 years old and over:

First premium, T. J. Wornal of Liberty, Mo.  
Second premium, J. E. Greer of Fort Worth, on Gypsy Knight.  
Third premium, T. J. Day of Rhome, on Poceton.

Fourth premium, J. F. Hovenkamp of Fort Worth, on Royal Gloster.  
**CLASS III—SHORTHORNS.**  
No. 19—Best bull, 2 years old and under 3:

First premium, David Harrell of Liberty Hill, Mo., on David Park.  
Second premium, Fred J. Shutts of Duncanville, I. T., on Roy Boy.  
Third premium, Charles Maloney of Haslet, on Sharron Victor No. 27th.  
Fourth premium, P. B. Hunt of Dallas, on Lyxander.  
Fifth premium, J. W. Medlin of Roanoke, on Rudolph.

**CLASS III—SHORTHORNS.**  
No. 20—Best bull, 1 year old and under 2:

First premium, D. H. Hoover of Davis, I. T., on Roan Ravenwood Baron.  
Second premium, V. O. Hildreth of Aledo, on Linwood Victor No. 2.  
Third premium, A. J. Davis of Gainesville, on Gloster King.  
Fifth premium, J. W. Carey of Armstrong, I. T. (name of animal not given).  
There were seventeen entries in this class.

**CLASS III—SHORTHORNS.**  
No. 21—Best bull calf under 1 year:

First premium, A. J. Davis of Gainesville, on Texas Lad.  
Second premium, J. F. Hovenkamp of Fort Worth, on Fulton.  
Third premium, H. Smoot of Denton, on Gov. Ross.  
Fourth and fifth premiums, J. W. Carey of Armstrong, I. T. (names of animals not given).

**CLASS III—SHORTHORNS.**  
No. 22—Best cow, 3 years old and over:

First premium, J. F. Hovenkamp of Fort Worth, on Queen Scots the 7th.  
Second premium, J. F. Hovenkamp of Fort Worth, on Lady Gloster the 3d.  
Third premium, J. T. Day of Rhome, on Muggins.  
**CLASS III—SHORTHORNS.**  
No. 23—Best cow, 2 years old and under 3:  
First premium, J. W. Carey of Armstrong, I. T. (Name of animal not given.)

Second premium, J. F. Hovenkamp of Fort Worth, on Lady Gloster the 4th.  
Third premium, J. T. Day of Rhome, on King's Mary.

Fourth premium, David Harrell of Liberty Hill, on Minnie Third of Lyden.  
Fifth premium, P. B. Hunt of Dallas, on Moss Rosebud.

**CLASS III—SHORTHORNS.**  
No. 24—Best heifer 1 year old and under 2:

First premium, J. W. Carey of Armstrong, I. T. (Name of animal not given.)  
Second premium, H. C. Holloway of Fort Worth, on Wingfield's Beauty.  
Third premium, Campbell Russell of Bennett, I. T., on Lady Valiant.  
Fourth premium, J. W. Carey. (Name of animal not given.)  
Fifth premium, V. O. Hildreth of Aledo, on Seriphina B. 3d.

**CLASS III—SHORTHORNS.**  
No. 25—Best heifer calf under 1 year:

First premium, Campbell Russell of Bennett, I. T., on Almira.  
Second premium, Campbell Russell of Bennett, I. T., on Lorena.  
Third premium, A. J. Davis of Gainesville, on Texas Beauty.  
Fourth premium, J. F. Hovenkamp of Fort Worth. (Name of animal not given.)  
Fifth premium, J. W. Carey of Indian Territory. Name of animal not given.)

**CLASS I—BEEF CATTLE.**  
The exhibit not less than fifteen animals of any age to the car.

The first prize of \$200 was offered by Swift & Co., and the award was made for the best car of steers 3 years old and over. This was won by Kayser & Southerland of Marlin.

The second best car steers 3 years old and over, prize \$100, was carried away by A. G. Pannell of Minco, I. T.

The third prize of \$50 for best car of steers 3 years old and over, was won by D. W. Wright of Pilot Point.

The sweepstakes prize was awarded to Kayser & Southerland, and was offered by the Chicago Stock Yards company.

**CLASS I—2-YEAR-OLD STEERS.**  
Best car of steers, 2 years old and under 3, prize of \$200 was won by A. G. Pannell of Minco, I. T.

The second prize of \$100 went to D. W. Light of Pilot Point, for the second best car of steers 2 years old and under 3.

**CLASS 2A.**  
Best car of steers, under 2 years, age to be considered, \$125, won by P. T. Barry of Fort Worth.

The second prize of \$75 for the best car of steers under 2 years, age to be considered, was won by W. E. Moorehouse of Fort Worth.

The third prize of \$50 for the best car of steers under 2 years, age considered, was won by Milton Wynne of Santa Anna.

**AWARDS FOR RED POLLS.**  
Later in the week the Red Polled cattle and other classes were judged with the following results:

For the best three-year-old bull and over, W. R. Clifton of Waco; second won by J. L. Jennings & Bro. of Martindale.

For the best bull two years and under two, won by W. R. Clifton; second won by R. H. Jennings of Martindale.

For the best bull one year and under one year, won by W. R. Clifton; second by A. Hamilton of Creedmore.

For the best bull calf under two years, J. L. and J. R. Jennings of Martindale; second won by W. R. Clifton.

For the best cow three years old and over, first and second won by W. R. Clifton.

For the best heifer, two years and under three, won by W. R. Clifton.

For the best heifer, one year and under two, won by W. R. Clifton.

For the best heifer calf, under one year, first and second won by W. R. Clifton.

On senior sweepstakes bull, W. R. Clifton won.  
On junior sweepstakes bull, W. R. Clifton won.  
For the best heifer, won by W. R. Clifton.

The grand champion sweepstakes bull was won by W. R. Clifton.  
For the best bull and females two years and over, won by C. R. Clifton.  
For best bull and four females under two years, won by W. R. Clifton.  
Best four get by one bull, first and second won by W. R. Clifton.  
Best two, product of one cow, first and second won by W. R. Clifton.  
Best pair, bull and heifer, under one year, won by W. R. Clifton.

Best grade cow, any age, won by W. R. Clifton.

The judge in the Red Polled class was J. B. Salyer of Jonah, Tex. P. G. Henderson of Central City, Iowa, acted as secretary. He is president of the Red Polled Cattle association.

**GRADE CATTLE AWARDS.**  
Single cow, three years and over, won by P. B. Hunt of Dallas; second, J. F. Shutt of Duncanville, Tex.

Best grade Shorthorn heifer, won by Fred J. Shutt.  
Best grade Shorthorn cow, any age, won by P. B. Hunt, but was contested by Fred J. Shutt.

Best grade Hereford heifer, one year old and under two, won by Lee Bros. of San Angelo.  
Best grade Hereford calf under one year, won by Tom Hoben of Nocona.

Best grade Hereford cow, any age, won by Lee Bros. of San Angelo.  
**SINGLE STEER AWARDS.**

For three-year-olds and over, won by D. S. Donald of Krum; second, A. G. Pannell of Minco; third, Keiser & Southerland.

For two-year-old and under three, won by A. G. Pannell; second, J. P. Farmer.

Best Shorthorn steer, two years old and under three, won by J. P. Farmer.  
Best steer under two years, any breed, won by Campbell Russell; second, D. P. Berry; third, H. C. Hall.

Spayed cow, two years old and under three, won by Campbell Russell.  
Spayed heifer, one year old and under two, won by Campbell Russell; second, Lee Bros.

**SPECIAL PREMIUM AWARDS.**  
For the best two registered Hereford heifers and one Hereford bull under one year old, Col. R. E. Edmondson of Kansas City offered a beautiful silver pitcher, handsomely engraved. This was won by Scharbauer Bros. of Midland.

The \$50 silver plate offered by Col. R. E. Edmondson of Kansas City for the best two registered Shorthorn heifers and one Shorthorn bull under one year old, was carried away by J. F. Hovenkamp of Fort Worth.

Scharbauer Bros. won A. J. Anderson's premium of an air gun for the best registered Hereford bull under two years old.

Scharbauer Bros. won on the best registered Hereford bull under one year old. The premium was a \$5 Stetson hat, offered by Washer Bros.

Scharbauer Bros. won on best registered Hereford heifer under one year old. Prize \$2 pair buck gloves, donated by Stonestreet & Davis.

Scharbauer Bros. won on best pair of registered heifers over six months and under twelve months. The prize was a box of cigars, donated by Waples-Platter Grocer company.

**SHEEP AWARDS—CLASS VII.**  
No. 101—Best buck and four ewes, Cotswold, won by F. J. Shutt of Duncanville, Tex.

No. 104—Best ten head of mutton wethers, any breed or age, won by Ray Shutt of Duncanville, Tex.; second was won by F. J. Shutt.

**SINGLE HOG AWARDS.**  
No. 89—Best Poland China sow, won by Stuart Harrison of Fort Worth.  
No. 90—Best Poland China boar, won by H. Fogg of Fort Worth; second, by Stuart Harrison, Fort Worth.

No. 95—Best red Jersey cow, won by Ed Edmondson of Newark, second, by same.

No. 96—Best red Jersey boar, won by Ed Edmondson; second, by same.

No. 97—Best fattened hogs, 200 pounds and over, won by Ed Edmondson; second and third, by same.

**SWEEPSTAKES AND GROUP TROPHIES.**

Herefords—Senior sweepstakes, best bull, 2 years and over, first B. C. Rhome; senior sweepstakes, best cow, 2 years and over, first, Clara Oakwood, Scharbauer & Aycock. Junior sweepstakes, best bull, 2 years old and over, first, Oakwood Hessian XLIII. Scharbauer & Aycock. Grand champion sweepstakes, bull, Beau Lamplighter, B. C. Rhome. Grand champion sweepstakes cow, Clara Oakwood, Scharbauer & Aycock. Aged herd, first, Beau Lighter, Bright May, Dulcinea, Sunburst, Starlight, owned by B. C. Rhome; second, Warrior V. Armour, Poppy, Lady Diana, Ella II., Yetive, owned by J. S. Ikard; third, Percival.

(Continued on page 5.)



**THE GREAT PACKING PLANTS.**

Interest at the Fort Worth Fat Stock show was largely attracted to the immense Swift and Armour packing plants, through which courteous uniformed guides escorted the army of visitors. These establishments are, without doubt, the most complete and up-to-date in the United States. As they were built after the Chicago and Kansas City plants it was possible to incorporate in them a number of late improvements which the former do not possess. At present about 2000 men are employed in the packing houses, and the number will be increased as soon as these great industries are in full operation.

Friday was "orators' day," Hon. M. J. Sanders, president of the New Orleans Progressive Union and Maritime exchange, being the principal speaker. He told of the reawakening of the South and its phenomenal industrial development and pointed out the vast advantages which would result to the people of Texas from having a great packing industry in their midst. Mr. Sanders was followed by General Manager W. E. Skinner of the Chicago stockyards, who said the most actual reality before the farmers of the state was to provide the raw material for the packeries to work upon.

Capt. B. B. Paddock, secretary of the Fort Worth board of trade, and Capt. H. C. Holloway also delivered addresses.

**NOTES OF FORT WORTH FAT STOCK SHOW.**

The attendance on the last day ran up into the thousands.

Scharbauer Bros. were here with sixteen head of their beautiful Herefords.

W. A. Denson of Gainesville was on hand with two Shorthorn bulls for sale.

Lee Bros. exhibit from San Angelo walked off with a nice lot of premiums.

Chas. Maloney of Haslett had four of his splendid herd at the show, and they were beauties.

V. H. Primm was on hand with a car of splendid Red Polls. He bought the bull, Chancellor II., at Saturday's sale for \$400.

The commission men were on hand early and stayed late in their efforts to make the show a royal success to both stockmen and visitors, and that they succeeded is beyond question.

A. J. Advis of Gainesville took first money for best bull under one year, first money on best bull and heifer, one year old, third money on yearling bull, third money on heifer and third on four best get of any one bull.

E. B. Ashford of Farmer's Branch, Tex., was present at the sale with a herd of registered bulls for sale. He is the owner of twenty head of registered cattle, and will continue to increase his herd.

Dr. Clifton's magnificent contribution to Saturday's sale was El Corey, which sold to J. M. Stepps of Williamson county for \$450. The bidding was spirited, and for a while it seemed as if this sale was going to top the week's sales.

Charles Hicks, owner of the Meadow Brook farm at Hicks Station, on the Rock Island, has seventy-five head of registered Shorthorn cattle. His herd is headed by Ranger, by Royal Cup. Mr. Hicks will make his home in Fort Worth after the 1st of April.

Thos. J. Warnell of Liberty, Mo., and Willis of Plattsburg, Mo., were judges of the Shorthorn and the Hereford classes of cattle. These gentlemen seemed to give entire satisfaction to the breeders, and no criticisms were to be heard. These gentlemen are well known for their success and knowledge of their particular line.

At the annual meeting of the Texas Hereford Breeders' association, held Thursday night, B. C. Rhome of Fort Worth was elected president, W. S. Ikard of Henrietta, Campbell Russell of Bennett, I. T., G. A. Water and Herman Specht, Iowa Park, and John R. Lewis, vice-presidents, and W. N. Myers of Henrietta, secretary. Seven new members were added, increasing the enrollment to 61.

Mr. J. F. Hovenkamp's herd of fifty head of Shorthorn cattle is headed by Royal Gloster, the greatest son of the undefeated \$1000 Royal Cup. He has in this herd a champion cow the "Queen of Scott." He also has the distinction of owning the champion aged herd at the fat stock show. Mr. Hovenkamp's herd of Shorthorn cattle perhaps represents as much high class Scotch breeding as any herd in Texas.

The exhibit of B. C. Rhome was at all times surrounded by crowds admiring his prize winners. Mr. Rhome captured 7 first, 4 seconds, 4 thirds, 2 fourths and 3 fifth monies, and, as his friends remarked, "It was because there were no more to be captured" is the reason his list is not larger. His beautiful bull, Lamplight, was the admiration of every one who visited the show, and many were the admiring comments made.

The management of the stockyards deserve great credit for the attention which has been given to all exhibitors and for their liberal treatment of them as well as for the consideration shown the visitors. Everything was in a better condition for the show than was expected, considering the amount of work that has been done. General Manager and Secretary Matthews were very busy men looking after the great interests committed to their care.

One feature of the big show was the friendly rivalry of two brothers, Ed and J. A. Edmondson, for first honors. Ed

has his ranch in Tarrant county, while J. A. raises his hogs in Grayson county. Last year the latter carried off the first prize, and this year his brother was the winner. Both exhibited Duroc Jerseys, and it was only the difference of three pounds in the average that enabled the Tarrant county brother to overtop his Grayson county relative.

One of the largest buyers of cattle at the fat stock show, and one who, perhaps, did more than any other one individual in making a higher average price was Campbell Russell of Bennett, I. T. Mr. Russell is the proprietor of the Prairie Park stock farm, and is to have a sale of registered cattle on his ranch April 22 and 23. He issues a program for that occasion for a cooking contest, in which he offers many valuable premiums for articles of home production. He is endeavoring to interest the ladies in the sale, and he is sure to have a big crowd present.

The big champion sweepstakes steer, owned by D. S. Donald of Denton county, whose home is at Lewisville, is one of the old-time cattlemen of the state, that attracted so much admiration from the visitors and stockmen, was auctioned off Saturday evening and sold to G. W. Saunders of the Saunders Commission company, for \$316.05. The bidding on the animal was lively, and started in at 6 cents per pound, and was run up to 15 cents. The bidding stopped, but Mr. Saunders agreed to pay 5 cents more in order to beat the Denver record of 15 cents. The steer weighed 2100 pounds, and was a beauty.

The Texas Shorthorn association met and elected the following officers: J. F. Green of Gregory, president; H. O. Samuels, Dallas, vice-president; J. F. Hovenkamp, Fort Worth, secretary. Executive committee: Stuart Harrison and J. I. Burgess of Fort Worth, Col. P. B. Hunt of Dallas, David Harrell of Austin, and Charles McFarland of Aledo. Resolutions thanking the stockyards management for the excellent arrangements afforded the exhibitors were adopted. Resolutions were also passed instructing the executive committee to immediately take up the matter of a permanent fat stock show for Fort Worth with the citizens.

The sweepstakes car of fat cattle was sold by the National Livestock Commission company and brought \$5.25. They were bred on the Lost Valley ranch in Jack county, owned by Featherstone & Loving, and fed by Keyser & South-erland of Eufaula, I. T. They were grades, being a cross of Herefords and Shorthorns; were coming 4s, and averaged 1432 pounds. The second premium car, also coming 4s, averaging 1242 pounds, were sold by A. G. Pannill of Kaufman for \$5 per 100. The premium car of 2s, also raised by A. G. Pannill, averaged 1104, and brought \$4.75. Twenty-two prize yearlings, weighing 19,200 pounds, brought \$4. Two loads of steers, averaging 1000 and 1300 pounds, brought \$4.60.

**CATTLE SALES**

A. Herring of Ballinger, sold to an Indian Territory purchaser 100 head of canning two-year-old steers at \$21 per head.

F. C. Baird of El Paso, purchased at private sale for Anderson & Bird, cattle merchants of that city, 1000 head of fine graded stock, at Las Cruces, N. M. The terms of the transaction were not made public.

Al Chastain, the Panhandle stockman, has sold 1000 five-year-old steers to W. M. Ferguson of Wellington, Kan., at \$36 per head, with a 10 per cent cut at \$32 per head. This is a top price for a top bunch of cattle.

**SALES AT ST. LOUIS.**

Among the representative sales of of quarantine cattle at the St. Louis stock yards during the past week were the following:

Holt Bros., Honey Grove, Tex., 99 steers, 917 pounds average, at \$4. W. C. Landers, Harrisburg, Ark., 41 steers, 1000 pounds, at \$4.30. Bohner & Witherspoon, Fort Smith, Ark., 161 steers, 1201 pounds, at \$4.50. I. T. Pryor, Chandler, O. T., 101 steers, 1037 pounds, at \$4.30. Arnold & Ellis, Chandler, O. T., 129 steers, 897 pounds, at \$3.95. G. Whitehead & Son, Stroud, O. T., 77 bulls, 1232 pounds at \$3.25. C. C. Slaughter, Jefferson, Tex., 103 bulls, 1356 pounds, at \$3.55; 68 bulls, 1318 pounds, at \$3.50. Claude Anson, Stroud, O. T., 147 steers, 955 pounds, at \$3.35. J. E. Campbell, Chelsea, I. T., 46 steers, 932 pounds, at \$4.30; 90 steers, 1012 pounds, at \$4.30. B. F. Hawkins, Midlothian, Tex., 40 steers, 1198 pounds, at \$4.65; 45 steers, 1196 pounds, at \$4.65; 73 steers, 1174 pounds, at \$4.50; 84 steers, 1122 pounds, at \$4.50. A. D. Hotchkiss, Texas, 27 steers, 821 pounds, at \$3.65. J. W. Karrer, Texas, 26 steers, 873 pounds, at \$3.35. J. C. Williams Rosebud, Tex., 50 steers, 821 pounds, at \$3.35. Graham

Bros., Tuckerman, Ark., 106 steers, 770 pounds, at \$3.80; 48 steers, 1905 pounds, at \$4.10. Moore & Charles Conway, Ark., 64 steers, 715 pounds, at \$3.55. M. W. Goodrich, Falls county, Texas, 96 steers, 1150 pounds at \$4.35. W. H. Davis Gonzales, Tex., 46 steers, 992 pounds, at \$4.30. Planters' Oil Co., Weatherford, Tex., 87 steers, 1160, at \$4.60; 1 bull, 1490 pounds, at \$3.35. T. E. Battle, Warren, Tex., 86 steers, 986 pounds, at \$4.10; 42 bulls, 1332 pounds, at \$3.40. Chittim & Rachal, Indian Territory, 148 steers, 892 pounds, at \$3.65. Eckhardt & Ward, Yorktown, Tex., 43 bulls, 1207 pounds, at \$3.35; 39 bulls, 1214 pounds, at \$3.35; 1 stag, 1400 pounds, at \$3.50. C. T. Hunter, Warren, Tex., 40 steers, 875 pounds, at \$4.20; 65 steers, 1078 pounds, at \$4.40; 115 steers 932 pounds at \$4.20. W. Scott, Jr., Dublin, Tex., 76 bulls, 1205 pounds, at \$3.15. W. Scott, Dublin, Tex. 243 cows, 724 pounds, at \$2.75; 6 bulls, 1061 pounds, at \$3.15. R. J. & T. B. Austin, Gatesville, Tex., 73 steers, 1066 pounds, at \$4.25; 16 steers, 1072 pounds at \$4.25; 1 bull, 1380 pounds, at \$3.35.

**SALES AT KANSAS CITY.**

Representative sales in quarantine division at Kansas City:

G. W. Ladd, 118 steers, 986 pounds, at \$4.35. Jas. Crawford, Purcell, 23 cows, 863 pounds, at \$3.10; Jas. Crawford, Purcell, 1 calf, 140 pounds, at \$6. J. C. Mohler, Shreveport, La., 81 steers, 807 pounds, at \$3.65. L. B. Watkins, Chickasha, 268 steers, 1036 pounds, at \$4. W. M. Garrison, Belton, Tex., 100 steers, 857 pounds, at \$3.90. A. A. Croxton, Nona, Tex., 84 steers, 809 pounds, at \$3.75. Kimberlin & Son, Pauls Valley, I. T., 74 steers, 1156 pounds, at \$4.50. Johnson & Briggs, Noble, O. T., 110 steers, 1010 pounds, at \$4.40. W. H. Johnson, Noble, O. T., 75 steers, 957 pounds, at \$4.40. McGinley & Harris, Noble, O. T., 76 bulls, 828 pounds, at \$4. Jas. Beatty, Gainesville, Tex., 247 steers, 966 pounds, at \$4.40. Joe Thompson, Pao, I. T., 57 steers, 1064 pounds, at \$4.37. Joe Thompson, Roff, I. T., 34 steers, 1073 pounds, at \$4.05. E. C. Felty, Roff, I. T., 34 steers, 1073 pounds, at \$4.05. Frank Otto, Tuttle, I. T., 84 heifers, 392 pounds, at \$3.25. E. R. Bomar, Gainesville, Tex., 45 bulls, 1233 pounds, at \$3.15.

If you have any business to do in the hat and dye works line, Wood & Edwards, 336 Main street, Dallas, is the place to send or bring it. They have

**Man's Mission on Earth**



**KNOW THYSELF!**

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**EDITOR'S NOTE.** For 40 years the Peabody Medical Institute has been a fixed fact, and it will remain so. It is as standard as American Gold. The Peabody Medical Institute has many imitators, but no equals.—Boston Herald.

the largest factory in the Southwest. See their advertisement on another page.

The onion growers of South Texas are in session at San Antonio to-day for the purpose of forming an association to promote the production and marketing of their product.

**GOLDEN WHITE AND BUFF**

Wyandottes, Barred, Buff and White P. Rocks, White, Buff and Black Langshans, Light Brahmas, C. I. Games, eggs \$1.25 for 13. Brown and Buff Leghorns, Black Minorcas, Silver Hamburg, eggs \$1.00 for 13 eggs. Pekin ducks, \$1.50 for 10 eggs. M. Bronze and White Holland turkey eggs, \$1.50 for 10. E. EDWARDS, Pittsburg, Texas.

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Immune Shorthorn cattle. Foundation consists of get of Leonida Viscount and Mr. Gentry's Victorious, a fine bull. Calves for sale. Write for prices. J. W. CAREY, Armstrong, I. T.

**PUBLIC SALE**

At Arkansas City, Kansas, March 31st, 1903

Of Registered Hereford Cattle consisting of 13 bulls and 4 cows. Been breeding registered cattle since 1883. Sale will be under cover, Auctioneer Lafe Burger.

For catalogue address **L. F. JOHNSON & SON, Geuda Springs, Kans.**

**BULLS BULLS BULLS**

Gus Gobers' Famous Short Horn Ranch of Moore County, Texas, will have for sale at El Paso, During the Stock Raisers' Convention, March 10th, and 11th, 2 car loads of

**THE BEST BULLS EVER RAISED**

in the Lone Star State. This Herd has for its herd bulls the best material that can be found and this lot of bulls will show it. The herd is at all times open for inspection. This stuff may be sold at Public Auction in El Paso at that time, hence keep your eye on the gun, as great bargains are had at these Public Sales.

**Combination Sale**

OF REGISTERED AND HIGH GRADE  
**HEREFORDS, SHORTHORNS,  
POLL DURHAMS and RED POLLS**

To be made by local breeders at Childress, Texas, March 24-25, 1903, during the meeting of the Panhandle Cattlemen's Convention. The cattle in this sale will be contributed by The Hereford Grove Stock Farm, J. W. Johnson, Thos. Jones, S. W. Mitchell, E. J. Wall, J. S. Howard, C. E. Givens and others. These cattle and the cattle they raise are well enough known to need no further recommendation.

**R. L. HOWAMAN and J. Z. WELLS, Auctioneers.**

For particulars address

**U. S. WEDDINGTON, Childress, Texas.**



**THE FARMER'S GARDEN.**

There is nothing on the farm that returns more pleasure and profit for the labor bestowed upon it than the garden, besides saving doctor's bills by providing good wholesome diet throughout the year.

It should not be less than one acre in size enclosed by a good picket fence to keep out a cock and fowls, especially chickens. Nothing so discourages the faithful wife or daughter as to have the seed she so carefully planted rooted or scratched up. One active old hen can work more destruction in a garden in one hour than all the returns she can make of eggs or chickens in a year.

The garden should be large enough to grow fruits, vegetables and melons. We frequently see small gardens with several other small plats or patches under separate enclosures for planting potatoes, melons and sweet corn; but it is much easier and cheaper to manure, to plant, cultivate and harvest all of these in one enclosure. It is better for the land to slope gently towards the south or east to be twice as long from the north to the south as from east to west. It should have no walks nor beds trees nor shrubbery that would interfere with its cultivation. Small fruits and vegetables should be planted in rows the whole length of the garden from north to south and wide enough apart to be cultivated by a horse and plow if desired, and narrower when you cultivate with a garden plow. It is best to do away with the hoe entirely.

The land should be well manured in the fall with rich, well-rotted barnyard manure, ten or fifteen tons to the acre, then plowed. In the spring plow again when ready to plant it, and by harrowing and boarding you will have a fine seed-bed. As soon as the ground is dry enough to work you may plant peas, onions, lettuce, kale, spinach radishes and beets. Subsequent frosts and freezes will not hurt them materially. When the fruit trees begin to bloom plant potatoes, early corn, salsify and parsnips and set out cabbage plants. When the oak leaves look like squirrel ears plant melons, cucumbers, tomato plants and a second crop of peas, radishes, beets and cabbage plants.

Do not let your land bake after the seeds are planted but stir it with a weeder after every rain, and when possible use the weeder twice a week on all the land planted until the crop is large enough to plow with a hand plow. Use the weeder alternately with the hand plow until the crop is big enough to plow with a horse, when it should be cultivated in this way thoroughly. A careful watching the condition of your soil and crops and frequent cultivation before they mature will save much labor and materially increase the yield of your garden. One hour with the weeder will cultivate the whole garden, and two or three hours with the hand or horse plow will accomplish the same, without the aid of the hoe in the hand of wife or daughters. Their task should be only to gather and prepare vegetables for the table.

As soon as a crop ripens gather it, re-plow the land or prepare it with a disc harrow, and plant another crop. This is easier than to keep down the weeds that will grow where the last crop matured, and no weeds should be allowed to go to seed in the garden.

I would advise planting a row or two of flowers for ornament. I always plant a row of sweet peas across my garden when I plant any other peas, which, by their fragrance and rich variety of color, add greatly to the pleasure derived by it. They can be gathered all the summer in profusion to adorn the house or to gladden the eye of a less fortunate neighbor. Nothing will add more pleasure or refinement to the household than an abundance of beautiful flowers. None ever regret the time spent in their cultivation.

Some of my hard-worked farmer friends may say that they could never spare the time for such a large and varied garden. My own experience may encourage such. I have a garden of one acre, which I try to cultivate as above. Almost every foot of it

raises two crops annually, and some of it three. I have a large family, which is materially increased by summer visitors, yet this one acre of land furnishes an abundance of the best vegetables, fruits and melons not only for the summer, but for winter use also, and in addition to this home supply I sell enough from it to pay for all my fertilizer, labor and seed bestowed upon it, thus paying me a profit twice as great as any other acre on my farm. I could not buy the vegetables consumed by my family in any market in this county for less than \$150. I sell from this one acre \$100 worth of products. The seed and cultivation cost \$50, giving me an increase of \$200 over and above actual cost. Can you say as much for wheat, corn, sheep, cattle, cows, poultry or even fruit? My garden is always first of my jobs of work. I would not hesitate to stop planting or harvesting any other crop if my garden needed working.—E. H. McDonald.

**THE DEMAND FOR CORN.**

There is a pressing demand all over the South for corn, says an exchange. Men, women and children are needing it for bread. Horses, hogs and chickens are needing it for food. Corn is scarce and the Western farmer is getting rich selling corn and flour to us of the South. But we are eagerly crying to these very farmers that we have the best section on earth. We think they should sell out and come down here and help us enjoy the scarcity of corn.

Now we think it is plainly the duty of every farmer to grow more corn this year than he has been doing. Plant more acres and make more per acre.

You can easily do both. There is no good reason why your crop should not average forty bushels per acre.

Prepare the land well. If you have not broken it deep, ten or fifteen inches, then lay off rows and run a long scooter or subsoil plow in the bottom of your rows. Then throw on two furrows and do the same to each of these and you will have a good place to plant in. The water will be right under your corn and that will help resist the dry weather.

Fertilize as well as you are able, with stable manure, cotton-seed or commercial fertilizers. Break the middle as deep as you can, then plant at least four thousand stalks per acre. Every time a crust forms run over it with a weeder until it is 6 to 8 inches high. Then use cultivator or scraper and follow each with a dust-board.

This is important. Keep the top pulverized and you will prevent the evaporation of the moisture. Your corn will remain green and keep growing in dry spells when corn not treated this way will stop and turn yellow.

Keep at this until your corn is in full silk. We have never failed to get a good crop of corn when we did this way.

**FOREST RESERVE PLANNED.**

Gifford Pinchott, chief of the forestry division at Washington, has recommended that the president set aside 75,000 acres of land in Kansas, mostly in Finney county, as a forest reserve. The Kansas delegation will unite in urging the matter before the president. It is known that the president can be prevailed upon, as he probably will be, to accede to the request of the delegation, as it is thought the establishing of forestry in the sand hill country will ultimately result in redeeming a large section of the territory from utter waste. Experiments tried elsewhere have proved of great advantage. Several years ago a plantation was established in Nebraska, where the conditions were similar to those in Kansas. The planting of several hundred pines resulted in a fine plantation and pictures recently taken of the grove show that the trees have attained a considerable height, although only a few years have elapsed since they were set out. Other sections of the state have since been planted in pines.

Onion growers now talk of combining for their mutual benefit. Such an organization would undoubtedly develop considerable strength.

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Our newly printed eight-page folder on the "Cause and Nature of Blackleg" is of interest to stockmen. Write for it; it is free.

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## The Journal Institute

### POINTS ON GROWING CLOVER.

Clover growing is such an important thing on the farm that you can hardly say too much on the subject; for in clover the farmer finds his best friend. It is the thing that builds up his land and keeps it in condition for successive crops. If it were not for clover and cow peas the upland farms of this country would soon go to the "bone yard;" in fact several of them are already there, that is to say, you can not secure a good catch unless you use bone meal or some like substitute, and this should never be.

In the first place land should never be allowed to run down to such a state, but there are many farms that are in just such condition.

Now the question is, how and when to sow clover in order to get the best results? Opinion differs so widely that it is hard to get people to see the best way. There are many ways and times of sowing it. One way is to sow on wheat or rye in early spring; and I want to say right here, the best time to sow is in February and not in March as so many do. Some people will tell you it will freeze out if sown in February. I have been raising clover for many years and I never lost a crop yet by sowing in February, but I have by sowing in March. To sow in March on wheat or rye the chances are it will dry out, that is, it will sprout on top of the hard land and a few days of dry wind and your clover is all gone. Sown in February—the freezes and thaws put the seed down in the ground and they will not get up till the frosts are over, and then when it gets up it will grow and not dry out—see?

I have had good success by sowing on my oat land. When I sow oats, after last harrowing I sow clover, and the first rain that falls puts the seed in the ground in good shape, and it comes up right away and grows well. The only danger here is that when you cut the oats off, if there should happen to be a hot, dry spell, you may lose your clover stand, especially on land that leans to the south.

But now as to the best and only way to be sure of a good stand is to prepare the land as you would for oats, as early as the season will permit; have your land nice and level a fine seed bed. Then sow clover seed and nothing else but clover; then roll your land and drive off and watch results, and if there is any season at all, you will raise clover, and plenty of it. When crop gets large enough to cut, mow it clean. Please do not pasture the first year; the second year cut first crop of hay, second crop for seed, or better, turn under and sow to wheat, if you wish.

And now, just one parting admonition; If you wish best results as to improving land. Please do not pasture your clover the first year, nor the second year, or any other year. Here is where most people make a mistake; they pasture their clover fields to death and they dry out, and I might add, they freeze out, too. Sow more clover and pasture less. Sow ten acres with one bushel of good seed. Do not sow too thick—it does no good.—H. R. Anderson, Jack Prairie, Mo.

### TEST YOUR OWN SOIL.

Frequently a farmer wishes to test his own land to learn what his soil may be deficient in, or what may profitably be added to it, or how his soil may be managed to increase its productiveness. There is no better way to do this than for a farmer himself to institute a series of experiments on his own land to test its qualities, writes Ralph Allen. Studying from books or observations upon experiments made upon similar types of soil cannot fully reveal the truths relating to one's own land for there are questions of soil, moisture, drainage and climatic conditions which affect the growth of crops frequently as much as fertility does and must be reckoned with in any attempt to study the soil. In getting practical results the soil is best tested in the field and under the climatic conditions where it exists. The extra labor or expense connected with

such experimental work need not be excessive—not more than the cost of harvesting and weighing the crop of each plot separately. The experimental plots may be located in a large field and be plowed and cultivated with the rest of the field. The educational advantages which the farmer gains by personally conducting such experiments, becoming familiar with fertilizers and their uses and with the elements necessary for plant food, together with the fact that he will more fully comprehend the experiments of others will more than offset the cost of making the experiments. The method of making such experiments consists in adding to small plots of land different elements of plant food and noticing the effect of each upon the growth and yield of the crop; the inference being that if by the addition of a certain element of plant food the yield is increased that then the soil was deficient in this element.

The only elements of fertility likely to be deficient in a soil to the extent of influencing plant growth are nitrogen, phosphorus and potassium, so that in soil tests these only need to be considered. Lime also is used experimentally not because it is likely to be deficient in the soil as a plant food but because it is often needed to be applied to the land for the purpose of correcting a possible acid condition so common in the poorer of our soils.

In planning an experiment in soil fertility, perhaps no better system could be adopted than that in use in similar experiments now in progress and conducted by the Illinois Experiment Station in several of the different soil areas of the state. In the Bloomington experiment field two acres are used, and it is made up of ten smaller plots each containing one-fifth acre. These are separated from each other by a strip of land one-half rod wide for the purpose of preventing crops growing upon one plot from being affected by fertilizers applied to others. The fertilizers used and their amounts are as follows, the rate being per acre:

Potassium chloride, 160 pounds, bone meal for phosphorus, 320 pounds; dried blood for nitrogen, 800 pounds; lime, 400 to 2000 pounds.

If so complete a soil test as the above is not considered advisable it may be reduced by using two or three plots. Nitrogen may be omitted in the test on the supposition that as this element is so unstable in most soils that it should be periodically renewed by growing legumes. Lime may be omitted in soils where clover is successfully grown as acid in soils interferes more with the growth of legumes than with other plants, as it is vitally injurious to the nitrogen gathering bacteria which live upon these plants. Of course the form of the plots may be varied to suit convenience. On my own farm I am using plots of one acre each; they being eighty rods long by two rods wide and therefore have been experimenting only with potassium and phosphorus.

### DATES SUCCESSFULLY GROWN.

Out of 670 date palms set out by the Arizona Experiment Station, at Phoenix and Temple, 556 are living at this time. Of these seventeen have blossomed and produced fruit. The thirteenth annual report of the Arizona station gives a lot of interesting details concerning this great experiment in acclimatizing a commercial fruit. One of the most interesting statements contained in the report that the officials have succeeded in exterminating the date palm scale, so fatal to this fruit.

During damp weather the fowls will sometimes look sickly and drawn up, showing no disposition to activity. At such times they should receive warm food three times a day, into which a little ground meat has been poured. Corn makes good feeding on cold, damp days.

A bank with \$100,000 capital is to be established in North Fort Worth, near the stock yards, with Marion Sansom as president.

## Man's Mission on Earth

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EDITOR'S NOTE For 40 years the Peabody Medical Institute has been a fixed fact, and it will remain so. It is as standard as American Gold.

The Peabody Medical Institute has many imitators, but no equals.—Boston Herald.

### PATENTS

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Send for free catalog also for 1903, and learn all about the new drought-resisting Foreign Plants, Grasses, Legumes, Spices or Lemons, also wonderfully productive Beans and Peas. Also stock of Game Birds, Hides, Sausage, etc., etc. Kansas Seed House, F. Burdick & Co., 304 East 2d St., Lawrence, Kan.



Continued from page one.

**Priscilla, IV.**, Verdi, Jose Linda, Indiana, owned by B. C. Rhome; fourth, Jeffries, Sallie, Miss Sallie, Hattie, Katy, owned by W. H. Myers. Grand champion sweepstakes, young herd, one bull and four females under 2, best four animals get of one bull, first, Oakwood Hesold XLIII, Clara Oakwood, Harvey Jewell, Iatan, Scharbauer & Aycock; second, Rambler, Josie Linda, American Beauty, Lassie, J. B. Rhome; third, Alice III, Katy II, Hattie II, Belle Wilton, Campbell Russell; fourth, Sir James, Sir James XXXIV, Sir James LVI, Lady Bunig, Scharbauer Bros.

**Shorthorns**—Grand champion sweepstakes, Queen of Scots VII, J. F. Hovenkamp, Fort Worth. Senior sweepstakes, 2 years and over, David Harrell, Liberty Park, Austin, Tex. Junior sweepstakes, 2 years old and over, Roan Ravenswood Baron, D. H. Hoover. Senior sweepstakes, best cow, 2 years and over, first, Lady Scotch VII, J. F. Hovenkamp. Junior sweepstakes, best cow, 2 years and over, Lavender Princess, J. W. Carey, Armstrong, I. T. Best bull and four females over 2 years old, first, J. F. Hovenkamp; second, J. T. Day. Best bull and four females under 2 years, first, J. W. Carey; second, Campbell Russell; third, J. F. Hovenkamp; fourth, A. J. Davis; fifth, J. W. Carey. Best four, get of one bull, first, J. W. Carey; second, J. F. Hovenkamp; third, A. J. Davis; fourth, J. T. Day; fifth, John E. Brown. Best two, product of one cow, first, J. T. Day; second, J. F. Hovenkamp; third, P. B. Hunt; fourth, J. T. Day. Best pair, one bull and one heifer, first A. J. Davis; second, J. F. Hovenkamp; third, Campbell Russell; fourth, P. B. Hunt.

**BEST ANY BREED.**

Best steer, any breed, under 2—First, Campbell Russell, Bennett, I. T., second, D. T. Barry; third, H. C. Holloway, Fort Worth.

**THE SHORTHORN SALE.**

The important incident of the opening day was the combination sale of Shorthorns, held under the auspices of the Texas Shorthorn Breeders' association, at which some splendid individuals changed hands. A total of sixty-eight head were sold at an average price of \$138, Col. R. L. Harriman of Bunceon, Mo., and Col. R. E. Edmondson of Kansas City acting as auctioneers. Campbell Russell of Bennett, I. T., was the heaviest buyer of the day, purchasing fourteen head. There was a tendency to discriminate against thin cattle, which sold considerably lower than expected. Linwood Victor (178436), a 2-year-old bull of sterling pedigree, brought the highest price, selling to Mr. Russell for \$500. The transactions, in detail, were as follows:

Cow—Red Jane Second, bought by C. A. Ellington of Harrell, Tex., for \$270.  
 Bull—George Washington, bought by R. T. Bland of Taylor, Tex., for \$95.  
 Cow—Kirklevington Belle, bought by G. A. McClung of Cleburne, Tex.  
 Cow—Margaret, bought by H. Bland of Taylor, Tex., for \$85.  
 Cow—Rachel, bought by J. F. Green of Gregory, Tex., for \$100.  
 Cow—Countess, bought by G. A. McClung of Cleburne, Tex., for \$115.  
 Cow—Venus, bought by Campbell Russell of Bennett, I. T., for \$95.  
 Bull—Duke of Miller's Creek 165591, bought by J. F. Green of Gregory, Tex., for \$110.  
 Cow—Princess of Paddy's Row, bought by Campbell Russell of Bennett, I. T., for \$130.  
 Cow—Red Girl, bought by J. W. Downard of Gainesville, Tex., for \$150.  
 Bull—Harkaway, bought by C. A. Davidson of Ozona, Tex., for \$75.  
 Bull—Parnell, bought by Dr. H. L. Holt of Bluffdale, Tex., for \$120.  
 Cow—Venus 2d, bought by G. A. McClung of Cleburne, Tex., for \$125.  
 Cow—Tamora, bought by Campbell Russell of Bennett, I. T., for \$135.  
 Cow—Waldery, bought by J. F. Green of Gregory, Tex., for \$120.  
 Bull—Linwood Victor 178436, bought by Campbell Russell of Bennett, I. T., for \$500.  
 Cow—Sada, bought by G. A. McClung of Cleburne, Tex., for \$260.  
 Cow—Sally Girl, bought by A. McFarland of Parker county, for \$175.  
 Cow—Liberty Duchess, bought by G. A. McClung of Cleburne, Tex., for \$180.  
 Cow—Maggie Worsham, bought by R. G. Hollen Bros. of Brownwood, Tex., for \$180.  
 Bull—Royal Hope 176234, bought by Charles McFarland for \$300.  
 Cow—Mary of Twin Oak, bought by Campbell Russell of Bennett, I. T., for \$100.  
 Cow—Second Mary of Twin Oak, bought by Campbell Russell of Bennett, I. T., for \$95.  
 Cow—Young Mary, bought by Campbell Russell of Bennett, I. T., for \$85.  
 Bull—Roan Lad, bought by Campbell Russell of Cleburne, Tex., for \$140.  
 Cow—Scotch Lassie, bought by G. A. McClung of Bennett, I. T., for \$90.  
 Bull—Olin 178418, bought by Campbell Russell of Denton, for \$125.  
 Cow—Miss Flora, bought by Campbell Russell of Bennett, I. T., for \$90.  
 Bull—Lawton 188653, bought by R. D. Williams of Putnam, Tex., for \$100.  
 Cow—Scotch Lassie 2d, bought by Campbell Russell of Bennett, I. T., for \$80.  
 Bull—Marquette, bought by J. F. Hovenkamp of Fort Worth, for \$70.  
 Bull—Darsey 169497, bought by Campbell Russell of Bennett, I. T., for \$60.  
 Bull—Viscount Rosemond 190251,

bought by J. F. Green of Gregory, Tex., for \$180.  
 Bull—Azalea Champion 2d 190189, bought by J. C. Day of Haslett for \$150.  
 Cow—Scottish Bride 4th, bought by R. T. Bland of Taylor, Tex., for \$125.  
 Cow—King Mary, bought by G. A. McClung of Cleburne, Tex., for \$390.  
 Bull—Mary Hanna's King, bought by K. M. Van Zandt of Fort Worth, Tex., for \$130.  
 Bull—Judge Clint No. 123306, bought by R. H. McNatt of Fort Worth, Tex., for \$60.  
 Cow—Bettie, bought by E. D. Hovenkamp of Fort Worth, Tex., for \$145.  
 Cow—Chick, bought by G. A. McClung of Cleburne, Tex., for \$150.  
 Cow—Red Sharon 5th, bought by G. A. McClung of Cleburne, Tex., for \$295.  
 Bull—Lyon of Ragsdale 195236, bought by Campbell Russell of Bennett, I. T., for \$85.  
 Bull—Bearless WHH 194807, bought by A. C. and J. W. Dawes of Profit, Tex., for \$135.  
 Cow—Flossie 5th, bought by Eaton Cogdill of Granbury, Tex., for \$100.  
 Cow—Queen Ann, bought by H. Cogdell of Granbury, Tex., for \$110.  
 Cow—Barbarian Lady, bought by R. G. Hallamon of Brownwood, Tex., for \$250.  
 Cow—Birdie, bought by Campbell Russell of Bennett, I. T., for \$175.  
 Cow—Freda, bought by C. A. McClung of Cleburne, Tex., for \$185.  
 Cow—Edna, bought by G. A. McClung of Cleburne, Tex., for \$175.  
 Cow—Doll, bought by E. Mackey of Itasca, for \$220.  
 Bull—Roanoke Viscount 161366, bought by W. E. Smoot of Argyle, Tex., for \$380.  
 Cow—Sue, bought by G. A. McClung of Cleburne, Tex., for \$175.  
 Cow—Phyllis, bought by T. B. White of Wautauga, Tex., for \$150.  
 Bull—Spirit Level, bought by Crockett Cogdell of Granbury, Tex., for \$180.  
 Cow—Future Benefit, bought by Campbell Russell of Bennett, I. T., for \$110.  
 Cow—Trollia, bought by T. B. White of Wautauga, Tex., for \$200.  
 Cow—Lady Belle, bought by G. A. McClung of Cleburne, Tex., for \$160.  
 Cow—Vic, bought by G. A. McClung of Cleburne, Tex., for \$160.  
 Bull—Duke of Wellington 175239, bought by A. C. and J. W. Davis of Profit, Tex., for \$70.  
 Cow—Red Rose, bought by Campbell Russell of Bennett, I. T., for \$125.  
 Cow—Maud, bought by G. A. McClung of Cleburne, Tex., for \$175.  
 Bull—Bergland 167965, bought by J. F. Green of Gregory, Tex., for \$90.  
 Cow—Lettie, bought by C. D. Hovenkamp of Fort Worth, Tex., for \$185.  
 Cow—Stella 3d, bought by T. D. Hovenkamp of Fort Worth, Tex., for \$105.  
 Bull—Satin Coat, bought by H. C. Gilbert of Smithfield, Tex., for \$180.  
 Bull—Red Dimple Sharon Duke 167977, bought by H. Bland of Taylor, Tex., for \$115.  
 Cow—Evangeline 4th, bought by E. B. Crites of Bluffdale, Tex., for \$270.  
 Cow—Louan Loudan 6th, bought by G. A. McClung of Cleburne, Tex., for \$255.

**THE HEREFORD SALE.**

On Friday the sale of Hereford cattle took place. The bidding was spirited and an average price of \$161 prevailed, the totals being \$10,153. John R. Lewis of Sweetwater, who bought Royal Choice for \$510, paid the highest price of the day. Following are the sales:  
 Cow—Queen Bess 2d, 114917, bought by J. R. Lewis of Sweetwater for \$220.  
 Cow—Verena 2d, 114927, bought by Campbell Russell of Bennett, I. T., for \$210.  
 Bull—Monte 133727, bought by N. W. Gorsage of Abilene for \$160.  
 Bull—Ambassador 98058, bought by Fred W. Turner of Santa Anna for \$165.  
 Bull—Harwood 2d 147098, bought by J. B. Salyer for \$50.  
 Bull—Prince Albert 126859, bought by J. O. Hall of Vinita, I. T., for \$120.  
 Bull—Edward Grove 151284, bought by Campbell Russell of Bennett, I. T., for \$105.  
 Bull—Rembert 143384, bought by J. B. Salyer for \$70.  
 Bull—narva 124396, bought by Campbell Russell of Bennett, I. T., for \$95.  
 Bull—Edgar 144770, bought by R. L. Gibson of Suggden, I. T., for \$105.  
 Bull—Admiral 125201, bought by Campbell Russell of Bennett, I. T., for \$250.  
 Bull—Prudent Boy, bought by J. B. Salyer of Jonah for \$50.  
 Cow—Miss Olive 144943, bought by J. F. Yearwood of Georgetown for \$160.  
 Cow—Vanessa 148717, bought by O. N. Tumulty of Decatur for \$220.  
 Bull—Ruins 134236, bought by O. T. Maxwell of Cisco for \$180.  
 Bull—Capt. Duggan 134299, bought by Campbell Russell of Bennett, I. T., for \$90.  
 Cow—Blue Bonnet 148700, bought by A. C. and J. W. Dawes of Profit for \$175.  
 Cow—Florida 194004, bought by J. R. Lewis of Sweetwater for \$120.  
 Cow—Catalina 156883, bought by Campbell Russell of Bennett, I. T., for \$85.  
 Bull—Warrior 25th 133920, bought by Sterling P. Clark of Fort Worth for \$390.  
 Cow—Indianella 140748, bought by B. B. Spruance of Arlington for \$240.  
 Bull—Garfield, bought by J. F. Saunders of Fort Worth for \$100.  
 Cow—Patti the 4th 57030, bought by K. H. Folkner of Granbury for \$260.

**Breeders Who Seek Your Trade**

**HEREFORDS.**

**HEREFORD HOME HERD**, Channing, Hartley county, Texas. Wm. Powell, proprietor. Herd established in 1868. My herd consists of 400 head of the best strains, individuals from all the well known families of the breed. I have on hand and for sale at all times cattle of both sexes. Pasture closed to town. I have some 100 bulls for sale and 100 head of choice yearling heifers, all Texas raised. Bulls by carloads a specialty.

**JOHN R. LEWIS**, Sweetwater, Texas. Hereford cattle for sale. Choice young registered 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.

**LEE BROS., PROPRIETORS**, San Angelo, Tex., breeders of registered and high grade Herefords. Both sexes for sale.

**W. J. STATON, 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.

**SUNNY SIDE HEREFORDS.** Lord Wilton, Grove 3rd, Garfield and Anxiety strains. Both sexes for sale. M. B. turkeys 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 Wilton, Grove 3rd, Garfield and Anxiety strains. Sale stock, both sexes, kept on Saginaw ranch, near Fort Worth. Come and see, or write your wants. B. C. RHOME, Fort Worth, Tex. Phone 369.

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

**U. S. WEDDINGTON, Childress, Tex.** Breeder of pure bred registered Hereford cattle. A choice lot of young bulls and heifers for sale at reasonable prices, breeding considered. All Panhandle raised. Only first class bulls, both as to breeding and individuality kept in service. Inspection solicited.

**V. WEISS.** Breeder of pure-bred Hereford cattle. (Ranch in Goliad county, Texas.) Both sexes for sale. Address Drawer 817, Beaumont, Texas.

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

**SHORTHORNS.**

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

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

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

**POLLED DURHAM and Polled Angus cattle,** and Cleveland Bay horses. Young stock for sale. DICK SELLMAN, Rochelle, McCulloch county, Tex.

**V. O. HILDRETH.** Breeder of registered and full blood Shorthorn cattle. Young stock for sale at all times. Cattle and residence at Iowa station, on T. and P. railroad, 15 miles west of Fort Worth. Postoffice, Aledo, Texas.

**W. A. RHEA, PROPRIETOR** Rhea Mill herd of Shorthorns, Durhams, has for sale choice registered young bulls, ones and twos. Also, a nice lot of cows, ones, twos and threes. Good individuals. No trouble to show stock. Phone in residence at McKinney and Rhea Mill, Texas.

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

J. P. DAGGETT, Pres. and Gen'l Mgr. T. B. WHITE, Treasurer.  
 STERLING P. CLARK, Vice-President. JNO. F. GRANT, Secretary  
 J. F. BUTZ and E. M. DAGGETT, Salesmen.

**North Texas Live Stock Commission Company,**  
 INCORPORATED.

FOR THE SALE OF  
**CATTLE, SHEEP AND HOGS.**

Write, wire or phone us. We are at your service.

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 FORT WORTH STOCK YARDS, FORT WORTH, TEXAS

**THE A. P. NORMAN LIVE STOCK CO.**  
 (Incorporated) Prompt Returns  
 Correspondence Solicited.  
 A. P. NORMAN, Sec'y and Treas. W. T. PEARSON, Salesman. C. F. NORMAN.

Cow—Alamita 156882, bought by C. W. Martin of Decatur for \$180.  
 Cow—Melissa, 156885, bought by F. W. Axtell of Fort Worth for \$135.  
 Cow—Patti the 5th, 67032, bought by Campbell Russell of Bennett, I. T., for \$180.  
 Co—Lady Eva the 2d 100546 bought by J. R. Lewis of Sweetwater for \$190.

Bull—Maple Leaf Shadland 2d, bought by B. B. Spruance of Arlington for \$380.  
 Cow—Ada Gray 156880, bought by Campbell Russell of Bennett, I. T., for \$95.  
 Bull—Young Red Cup 143719, bought by F. W. Axtell of Fort Worth for \$85.  
 (Continued on page 12.)

**CRESCENT HERD,** registered Shorthorn cattle, young stock, both sexes, for sale. Address CHAS. MALONEY, Haslet, Texas.

**SCOTCH AND SCOTCH TOPPED SHORT HORNS AND POLAND CHINA HOGS FOR SALE.** Young bulls by the Undeclared 10000 bull Royal Cup No. 123093 and out of 5000 cows. Poland China Herd headed by Perfect Sunshine No. 29127 by "Perfect I Know," whose get has never known defeat in the Show Ring. Sows in here by the \$2.50 "Corrector" and the Grand Sweep Stakes winner, "Proud Perfection," sire of America's greatest prize winners. JNO. B. BROWN, Granbury, Tex.

**WM. D. & GEO. H. CRAIG,** Graham, Tex., on Rock Island railroad, below quarantine line, breeders of registered Shorthorns and double-standard Polled-Durhams. Young bulls and heifers of serviceable age, our own raising, for sale. All of the oldest and best Shorthorn tribes and of the choicest breeding. Correspondence invited and all inquiries answered.

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

**DURHAM PARK HERD** Scotch Shorthorns—Imp. Count Mysie 149761, bred by George Campbell, Aberdeenshire, Scotland, heads herd. DAVID HARRELL, Liberty Hill, Tex.

**RED POLLED CATTLE.**

**IRON ORE HERD** Registered Red Polled cattle, some bulls, cows and heifers for sale. Breeder, W. C. Aldredge, Pittsburg, Tex.

**CAMP CLARK RED POLLED** Cattle, J. H. JENNINGS, Prop., Martindale, Tex.

**EXCELSIOR HERD RED POLLS** The largest herd in the state. Cattle of both sexes for sale. Nothing but registered stock offered for sale. Write or call on M. J. EWALT, Hale Center, Hale

**"SAN MARCOS VALLEY HERD"** of Red Polls, a few registered bulls and heifers for sale. J. L. & J. E. JENNINGS, proprietors, Martindale, Tex.

**B. W. LANGLEY, DENTON, HAS** Texas raised Red Polled cattle for sale.

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

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

**ABERDEEN ANGUS.**

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

**REGISTERED ANGUS CATTLE,** Texas raised, highest grade. Try the Daddies for market toppers. Hornless and harmless males and females for sale at all times. Prices reasonable. J. N. RUSHING, Baird, Tex.

**SHEEP.**

**FOR SALE—740 young ewes;** commence lambing in April; \$2.50 per head until Feb. 20. H. P. NAY, Salton, Greer Co., Okla.

**MILAN POULTRY YARDS,** Robt. H. Chilton, Prop. B. P. Rocks exclusively. Eggs, \$2.00 per 13; 75 per cent hatch, guaranteed. Address: 2406 Milan street, New Orleans, La.



**SWINE**

Shorts make an excellent food for fattening and when obtainable at a moderate cost they may be fed to good advantage in conjunction with corn.

Hog manure is very rich and concentrated, as these animals live largely on concentrated feeds. It is easily worth more than a ton of sheep or horse manure. It decomposes very rapidly, however, and should be mixed with dry earth or some other absorbent to prevent escape of the valuable gases.

**FEEDING HOGS WITHOUT CORN.**

When the corn crop fails it is a good thing to know how hogs may be raised without the expense of purchasing this cereal. Journal readers may not require this advice just now, but it may come in handy later on. Curtis S. Hutchinson of Geldell, Freestone county, Texas, writes:

"I have raised them two years on ground peas, and not fed a grain of corn to them. We have information from nearly every portion of the State that meat is being raised by large communities and sections of the State. Hog-raising should not be abandoned under any circumstances on account of not raising any corn for the last two years. Brethren, get you some hogs, ground peas, and plant for your hogs. One acre planted in ground peas is equivalent to three acres in corn. The farmer or other person who is tied down to the idea that hogs can not be raised in Texas without corn is wanting in knowledge of what is being done and the possibilities in the matter of hog-raising in the State. Freestone, Limestone, Williamson, Hamilton and every county in the State can raise the hog ground pea and raise large quantities of meat each year by leaving off cotton and planting things you can use at home. Your hogs can be raised and fattened into splendid pork without the use of grain or corn, simply upon peas and ground peas. It is a well-known fact that one acre in ground peas upon average land will produce an amount of hog-fattening food equal to three acres of corn, which does not have to be gathered; the hogs do that. You will find the drouth won't hurt ground peas like corn and cotton and other things.

**EXPERIENCES OF A BREEDER.**

At a recent meeting of the Inter-State Swine Breeders' Association at Lincoln, Neb., G. H. Payne of Omaha, read a paper on his experiences in feeding alfalfa to hogs, of which the following is an excerpt: "On our farm at Lexington, there is a small tract of land, twenty-one acres of old alfalfa, and five acres new alfalfa sown in 1902; total twenty-six acres. The first crop of alfalfa was cut June first, and from that time up to date it has been pastured with an average of about 160 head of hogs, all ages. In addition to running 160 head of hogs on this twenty-six acres of land, the hay was cut three times, making a total of 88½ tons of hay. This was sold to a cattle company and fed out on the property, we doing the feeding at \$5.00 per ton, netting the owners of the property over \$13.50 per acre for the alfalfa, in addition to pasturing, as above stated, 160 head of hogs. The hogs were weighed on the fourteenth day of each month, with this result: June 14, they weighed on average of 108 pounds each; August 14, they weighed on average of 144 pounds each. This was a gain of thirty-six pounds each in sixty days, or six-tenths of a pound per day. These hogs were fed, as near as could be measured, one-half pound of shelled corn per day, the gain in weight per day being greater than the grain fed, a very satisfactory showing, the gain costing less than one cent per pound for grain fed.

"In an experiment with thirty shoats, August 14, they weighed an average of 131 pounds each. They were put in separate pasture and fed about four pounds of ground wheat and rye per day, with all the alfalfa they wanted to eat. October 14, they weighed an average of 190 pounds each. This was a gain of fifty-nine pounds in sixty days, or practically one pound each per day. This experiment showed an unsatisfactory gain in comparison with the large increase in grain fed, but the only solution we can give is that the ground

wheat and rye, fed with the alfalfa, was not as good a balance ration as corn fed with alfalfa, and that where the grain was increased they ate that much less alfalfa.

"In an experiment with twenty-one thoroughbred Duroc Jersey gilts, September 14, they weighed an average of 100.1 pounds each; November 14, they weighed an average of 151.3 pounds each. This was a gain of 51.2 pounds each day. These hogs were fed one pound of good wheat and corn each per day, and the alfalfa pasture. This is considered the best gain of all the experiments, eight-tenths of a pound per day being considered a very large gain with such a small grain ration and the grain being wheat and corn. These hogs were in excellent flesh and took very heartily to the alfalfa pasture. The small ration of grain named went directly to gain, almost pound for pound. It is generally conceded that it takes from four and one-half to six pounds of grain to make one pound of pork. The experiments above prove, beyond all question of doubt, that a gain of one pound of pork can be made with from one to two pounds of grain and such alfalfa pasture as a hog will eat.

"In conclusion, we would say, first, we do not believe hogs will thrive on alfalfa hay alone, nor do we think it pays to expect that young pigs are going to do well on alfalfa pasture only; second, we do believe that you can turn shoats on an alfalfa pasture in the spring and with one pound of corn per head per day make a gain of one-half to three-quarters of a pound per day, or from 125 to 150 pounds during the six months' grazing season, which is making pork at a low cost; third, we also believe from experiments we have made, that by chopping alfalfa hay (this must be good hay where the leaves have been preserved) and mixing this with ground corn, at the rate of about one pound of corn to five or six pounds of alfalfa, that it will make a ration that will carry stock hogs over the winter as satisfactorily to the owner as the ordinary ration, mostly of corn, at one-third the cost, and the animal will be in better condition to ward off disease."

**BIG PRICES FOR HORSES.**

At the Lackey horse sale at Cambridge City, Ind., last week, 77 head sold for \$18,825, an average of \$244.50. The best sales were: Christine Bright, trotter, to L. Commins, Centerville, Ind., \$600. Redwood, pacer, to John Pender, Johnstown, Pa., \$3000. Wilson & Francis, trotters, to F. C. Light, Indianapolis, \$900. Dick Kelsh to Clay Knode, Indianapolis, \$500. Horseman, Jr., John Manlove, Bentonville, \$500. Rodney Corbitt, trotter, to R. W. Whipple, Marion, O., \$500.

**FAT STOCK SHOW, FORT WORTH.**

**TERRITORY EXHIBITORS.** Indian Territory breeders put up a hot fight for the premiums at the Fort Worth fat stock show last week. Campbell Russell, from Prairie Park stock farm, Russell, I. T., was very much in evidence with a fine young herd of both Herefords and Shorthorns. He secured first, second and third prizes on three of his Shorthorn heifers, while his white-faced heifers were all winners in the yearling class, and that with the hottest competition ever offered in any show in the South. Mr. Russell brought down thirteen head of show cattle, including two steers, and won fourteen cash prizes, winning three prizes on the two steers. One of his white-faced steer yearlings, weighing 1050 pounds at 16 months, was awarded first in the Hereford specials, and first as best steer under two years, of any breed.

J. W. Carey of Armstrong, I. T., also carried off a fine string of ribbons on his Shorthorns. Dr. Hoover of Davis, I. T., was also present with some winning Shorthorns. Mr. Russell is making arrangements for one of the biggest sales ever held in the Southwest, to be held at his place April 22 and 23. This sale will certainly be a notable event in the history of livestock breeding in the South. It will pay any man interested in the livestock business to drop Mr. Russell a line requesting one of his circulars. Our oldest breeders can get pointers from it that they can well afford to imitate. Mr. Russell not only knows how to breed a good animal himself (a yearling of his breeding making the highest price of any animal of his breed sold on the grounds), but he is ready to appreciate a good one when it

comes from the other man. He topped the sale "a-gwine and a-comin'" paying \$5 for the best Shorthorn bull offered, and himself making an average of \$400 on his Hereford bulls. He had no cattle at the Shorthorn sale. Mr. Russell's average was more than twice, almost three times, that of all the other breeders, thus furnishing another demonstration of the old adage "always room at the top." He has succeeded in making the record price at Fort Worth for three successive years, twice with animals of his own breeding.

It looked for awhile like the champion steer was to go to the Indian Territory to be barbecued for Mr. Russell's sale dinner. He forced the bidding up to \$12.50 per 100, at which point he announced that yearling beef was the best any way, and as he had plenty of that, he would leave Fort Worth and San Antonio to wrestle for the big steer. The stand that Mr. Russell has taken, and the work that he is doing for the development of the livestock interests of the South, place him entirely in a class by himself. We have many energetic men and good breeders, but there is, and has been, but one Campbell Russell.

**A SPLENDID SHORTHORN HERD.**

In the Shorthorn division no herd received more favorable criticism than did that of Mr. V. O. Hildreth of Aledo, Tex. The herd was headed by that splendid 2300-pound bull, King Lavender, a 4-year-old. He is only in good breeding condition, not fat.

Mr. Hildreth again topped the sale and made the highest average. The animal that topped the sale was the roan Cruikshank yearling show bull, Linwood Victor, that sold for \$500, considered by good judges a bargain paid for a bull of such extraordinary promise. The young cows on exhibition were extra individuals and richly bred.

Mr. Hildreth, realizing the high importance of more latitude in the methods of cattle breeding, was the first to lead the way in an effort to eliminate color and fads which have constituted serious obstacles in the way of providing the best cattle. He has ever given individuality first consideration, then breeding and last of all, color. Such influences are already bearing good fruit; in fact, not a few now in Texas, preferring the lighter colors in cattle. When we come to recognize a red as good as a roan, and roan as good as a red, so far as color is concerned, a great obstacle to the highest answer in cattle breeding will have been removed. The day is not far distant when this will be the motto among Texas Shorthorn breeders, because Texans learn rapidly, and have the nerve to back their convictions.

**ARMSTRONG'S PRIZE WINNERS.**

J. W. Carey of Armstrong, I. T., carried off more than a full share of trophies, his prize winning cattle being as follows: No. 20, bull, 1 year and under 2, fifth premium. No. 21, bull, under 1 year, fourth premium. No. 21, bull under 1 year, fifth premium. No. 23, cow, 2 years and under 3, first premium. No. 24, cow, 1 year, under 2, first premium. No. 24, cow, 1 year, under 2, fourth premium. No. 25, cow under 1 year, fifth premium. No. 29, cow under 1 year, junior sweepstakes, first premium. No. 33, young herd, first premium. Young herd, fifth premium. Ravenswood Indian Chief, vol. 52, No. 182697. Fear Naught, vol. 54, No. 191234. Nazareth Champion, vol. 56, No. 198574. Third Ravenswood Countess, vol. 50.

**BERKSHIRE.**

**WINCEY FARM BERKSHIRES** and B. P. Rock, 2c stamps and testimonials. T. Q. Hollinsworth, Goushatta, La.

**LILLARD FARM BERKSHIRES.** Nothing in hog line for sale until after April 15. B. P. Rock eggs from prize-winning stock at San Antonio fair, at \$1.50 per setting. Few cockereds at \$2.00. GEO. P. LILLARD, Seguin, Tex. Box 210.

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Lavender Princess, vol. 50. Ninth, Ravenswood Countess, vol. 54. Ravenswood Indian Rosamond, vol. 52. Lavender Princess, vol. 50. Ravenswood Indian Chief, No. 182697. Lavender Princess, vol. 50. Eighth, Ravenswood Countess, vol. 52. Ravenswood Indian Lassie, vol. 52. Fifth, Scottish Rosamond, vol. 54. Fear Naught, No. 191243, vol. 54. Roan Beauty, vol. 56. Golden Royal of Black Water, vol. 56. Water Sear Beauty, vol. 56. Ravenswood Indian Rosamond, vol. 52.

No. 53, get of one bull: 3d Ravenswood Countess, vol. 50; Lavender Princess, vol. 50; 8 Ravenswood Countess, vol. 52; 5, Scottish Rosamond, vol. 54. No. 38, bull and heifer, Magurk champion, 4th, No. 198574. Under 6 months, Waterloo Beauty, vol. 56.

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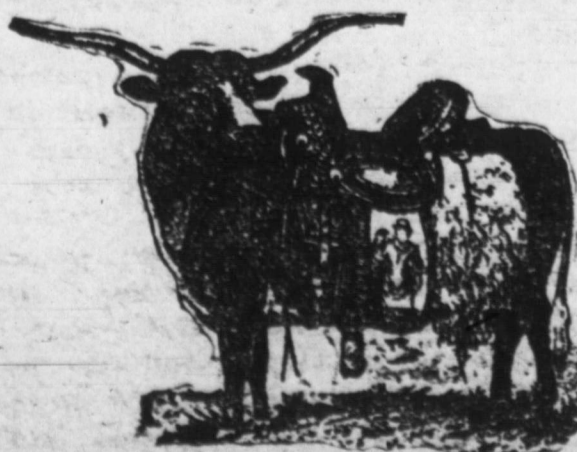
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## SHEEP---GOATS

In order to produce the best quality of wool, of which it is capable, a flock must be well fed. A good fleece is as much the result of careful feeding as it is of good mutton.

Experiments on the value of salt in the food of sheep have been recently made in France. Of three lots of sheep one had no salt, a second had half an ounce daily and a third had three-fourths of an ounce. The sheep taking salt gained more flesh and better wool than those without it, and the sheep getting half an ounce did better than those getting none.

A report from Santa Fe, N. M., is to the effect that sheep men are experiencing some difficulty in being able to engage sufficient men to handle their flocks during the lambing season. In many cases men had been hired six months ago, and their wages advanced, in order that they may be bound to perform their service. Even on these terms it is said that men are harder to secure this year than ever before.

### ANGORA GOAT RAISING.

The Journal is in receipt of a valuable work on Angora goat raising from the pen of George Fayette Thompson, M. S., the author of several other books along the same line, previously issued. Incorporated with the latest volume is an interesting and instructive chapter on milk goats. The book is from the press of the American Sheep Breeder at Chicago, and contains 240 pages. It is handsomely bound in cloth, superbly illustrated, and contains a fund of valuable information to all who are interested in this large and growing industry.

### SHEEP ON THE FARM.

If a farmer has the right kind of land, there is probably no class of stock that pays better net profit on a farm than sheep, says a writer in the Prairie Farmer. If the farm is level with abundant grass, the large breeds, in small flocks, will pay best. If the land is broken, the smaller breeds will do better. They are great scavengers and a few can be kept with but little expense, as they like weeds and will clean up the land after a grain crop. They require a change of pasture often, and other than this need little care in sum-

mer. In winter they want good shelter but not confinement to a barn. A shed with a wide opening on the south side will furnish shelter when it storms.

Clover hay if cut at the proper time and well cured will be all the food required for breeding ewes, unless they go into winter quarters in poor condition. If so, a pint of oats apiece once a day will bring them up all right and make them produce a good crop of wool also.

Feed the sheep a liberal amount of hay and then turn in the colts each day after the sheep get through eating, and you can winter the colts without noticing the expense and have the sheep in fine condition. Horses like hay left by sheep better than hay right out of the mow. Sheep are very cleanly and don't eat well from dirty racks or troughs. Mine have home made wooden racks and troughs, so constructed that they cannot get into them. My sheep are Lincolns and quite large. They require less care than any other stock on the farm and shear from fourteen to twenty pounds of wool each.

### THE DOCKING OF SHEEP.

Not long ago the nation was agitated from center to circumference by a discussion of the evils of docking horses tails and now the crying question is as to whether or not the caudal appendages of sheep should be removed. Moses Smith, a prominent Ohio breeder, declares that the practice is a species of cruelty and often responsible for disease in a flock. He says:

"The moment the sheep is deprived of its tail gnats and flies trouble and annoy the sheep's nostrils; the tail is used to strike them off, and when removed the self-protector is lost, the animal strikes the nostril with its feet, and the corruption of the nostrils is placed on the feet, causing soreness and disease called foot rot. A sheep can bend its head to the rectum and use its tail to lash off flies. Any animal can bend its head to the rectum and dislodge gnats or flies by the tail." Mr. Woodward says that he doesn't see how the tail on the other end of the sheep can do the work; it must have a tail like a bovine, forty inches long, to do the work. "I have seen sheep (like chickens with their heads under their wings) lash their heads and nostrils with their tails and never use their feet to send the corrupt matter from the nostrils to their feet, and these flocks did not have any foot rot," he adds. I am a sheep raiser, never docked, never had any foot rot, and sheep that I raised averaged one and a half pounds more wool per sheep. Docking is emphatically the cause of foot rot. The Creator put tails on the sheep for a purpose, and man violates nature's law. In regard to scouring the tail has nothing to do with it, all sheep scour the same. Every farmer should have a cylinder which turns by hand to clean the tags or dirty wool. Large wool-growers have them. In South America, Texas and Arizona flies tear whole noses off sheep; so they dare not dock them. I am familiar with those of the territories and meet them at times. I say leave on the tails, clean the wool and have sound sheep."

### VALUE OF LANDED PROPERTY.

Prof. S. A. Knapp in the Rice Journal and Gulf Coast Farmer, says: The remark has been frequently made of late that it is a good time to sell because property is high. If any one has more real estate that he can safely carry, it is always a good time to sell, and he cannot be too prompt about it; but the man who owns a farm in Louisiana or Texas, and is free from debt, should consider twice before he offers to sell. Land is higher than formerly, but it is still far below its intrinsic value. Land values are determined by demand and supply.

In the next thirty years, the population of the United States may reasonably be expected to increase by eighty million. This will require about 6,000,000 additional farms. There were, in 1900, 5,737,557 farms for a population of 76,303,337 people. In other words, more farms must be provided for the increasing millions in the next thirty years than have been developed in the two hundred and

eighty-two years since the landing of the Pilgrims. Nearly all the best lands have been taken, and to meet this increasing demand the hill lands and the stump lands must be drained. There is, and must be, a steady advance in the price of lumber, and the cost of all improvements is increasing. The 200,000 new farms to be required every year will be mainly made in the South for the next ten years. Already the tide of immigration, which is to cover the South with prosperous farms, has commenced. In the last decade—from 1890 to 1900—there was a decrease in the number of farms in the North Atlantic States, New England, New York, New Jersey and Pennsylvania, of 3.4 per cent, aggregating a total decrease of 35,704 farms. In the South Central division, including the states of Kentucky, Tennessee, Alabama, Mississippi, Louisiana, Texas, Oklahoma, Indian Territory and Arkansas, there was an increase of 40.3 per cent in the aggregate, making 800,462 farms; while the North Central division, including all the states from Ohio to Dakota and south to Kansas, increased only 12.5 per cent, or a total of 377,525 farms.

This is sufficient to show where the bread producers will go in the next decade. The next question is, when these lands are fully settled, what will farms be worth? Well improved farms of good lands in the older states are worth \$100 per acre. When the states are fully settled, there are substantial reasons why the lands of South Louisiana and Texas should bring more than that. It does not, therefore, seem advisable to sell for one-fourth, or even one-half, that sum.

Some Doubting Thomas may affirm that farms may not increase in proportion to the population. This is supposable, and there is another supposition like it, viz.: that farming may go out of fashion in the next generation, and there will be no demand for farms. It is pretty safe to say that people will want bread and meat for some years to come.

The decrease in the number of farms in the northeastern states was accompanied by an increase in the size of the farms, showing that the smaller farmers had sold out to their more prosperous neighbors and moved South or West. This will continue to be the case. The ten, forty and eighty acre farmers of the densely populated Northern states will be, by a mutual evolution, transformed into the prosperous owners of a quarter section, or a thousand acre tract in the Gulf States, where such superlative possibilities await the enterprising farmer.

### MOLASSES AS A STOCK FEED.

Bearing upon the recent discussion of Louisiana molasses as a stock food, Consul Covert, at Lyons, reports to the State Department a portion of the proceedings of the French National Congress lately held. He says: "Mr. Lambert, of the Troy sugar mills, heated in a large closed receptacle a mixture of molasses and chopped straw. By drying this mixture in a warm room, a product was obtained which he called pailmel, and which can be readily packed and transported and easily handled. This feed is composed of forty-five per cent of straw and fifty-five per cent of molasses. It contains at least twenty-five per cent of sugar and fifty-five per cent of digestible matter. Twelve horses employed in farm work were fed a ration composed of ten pounds of pailmel, seven pounds of oats, and seven pounds of hay during one hundred and twenty days. They were weighed once a week. They increased in weight while doing hard work.

"A number of sheep were fed 2 1-5 pounds of pailmel and 6 1/2 pounds of peat per day during forty-two days. The total increase in weight per animal was 28 pounds."

### PROFITS IN TOMATOES.

Canners are bidding higher prices than usual for this season's tomato crop, and it may be of interest to the farmer, who has not tried tomato culture to know that land which will support corn is, as a rule, sufficiently rich for this fruit, without extra treatment. Tomato plants will reach good size in a little over a month and should then be planted in the field, about four

## GOATS.

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feet apart. The yield will vary from 100 to 400 bushels an acre, which, based upon the rates which are being offered, ought to yield from \$25 to \$125 per acre, the profits being largely determined by the adaptability of the soil, rainfall, and the amount of attention given.

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## SHORTHORNS.

May 6 and 7, 1903—Collin Cameron  
and others, Kansas City, Mo.  
at Manhattan, Kan.

Advices from several points in Texas  
are to the effect that the peach crop  
was not seriously damaged by the re-  
cent cold snap.

Statistics show that the number of  
horses in the United States increased  
25,000 last year. Owing to the fact that  
his services were badly needed in South  
Africa, the mule failed to make as good  
a record.

The manner in which sturdy forest  
trees are being slashed down all over  
the Southwest to provide firewood has  
been attracting widespread attention of  
late. Good timber is worthy of a bet-  
ter fate.

An Oklahoma grower, James W. Ste-  
phens, of Yale, raises thirty-five differ-  
ent varieties in his orchard, and cap-  
tured the prize at a recent horticultural  
society meeting. He evidently believes  
in diversification.

Organizations of truck growers along  
the line of the Santa Fe in Texas have  
an aggregate membership of more than  
1000 persons, and are discussing a plan  
of central organization. They should  
affiliate with the American Society of  
Equity.

Cattlemen in Western Kansas are  
stirred up over a bill pending in the  
legislature making all section lines  
county roads. This would force them  
to put a fence around each section of  
land. At present they pay no atten-  
tion whatever to county roads. They  
fence up everything in sight. They  
have sent a lobby to Topeka to defeat  
the bill.

In these days of combines by cap-  
ital and labor the vast army of farm-  
ers is about the only industrial force  
without an efficient organization. Press  
reports tell of a proposed trades union  
which the farm hands of several West-  
ern states are about to form. Isn't it  
about time that the men who furnish  
the brains and ability necessary to suc-  
cessfully conduct agricultural enterpris-  
es joined in an association for their  
own good.

## ELECTROCUTION FOR TICKS.

It is now announced that a new meth-  
od of exterminating cattle ticks has  
been discovered by Andrew Nimmo of  
Boston, formerly secretary of the Fort  
Worth Stockyards company. Electric-  
ity will be used as the engine of destruc-  
tion. Mr. Nimmo associated with him-  
self an expert in electricity, and as a  
result of their experiments they found  
that two volts would kill the tick, and  
that a steer could take 200 volts with-  
out injury.

Their plan is to construct a vat that  
will hold a sufficient number of cattle.  
This vat will be partially lined with  
copper, and filled with pure water. One  
pole of the battery is to be connected  
with the copper lining and the other  
pole applied to the animal. The shock  
is so mild that the animal will hardly  
feel it, but it will kill the tick, which  
will drop off, and the cattle will come  
out perfectly clean and pass into a  
clean pen.

The theory seems to be well worked  
out, and stockmen generally will await  
with interest a practical demonstration  
of its merits.

## EFFECTS OF IRRIGATION.

The report of investigations carried  
out by the Department of

Agriculture under direction of  
Elwood Mead gives some val-  
uable data showing the extent to  
which agricultural lands may be in-  
creased in value and productiveness  
by irrigation.

A series of experiments extending  
over several years at the Wisconsin  
Experiment Station at Madison show  
a marked gain in yields of farm crops.  
The average increase in the yield of  
clover hay on irrigated land over that  
from unirrigated land has been 2.5  
tons per acre; the average increase in  
yield of corn has been 26.95 bushels  
per acre; and potatoes show a gain of  
93.9 bushels per acre. The annual  
cost of irrigation at Madison has been  
\$6.6 per acre, not including any in-  
terest on the investment, but including  
all extra labor. At current prices, this  
leaves a net profit from irrigation of  
about \$20 per acre on hay, \$11 per acre  
on corn, and \$73 per acre on potatoes.  
The conditions of soil and climate at  
Madison do not differ from those of  
the Middle West generally, and the re-  
sults given above show that where  
water can be obtained without too  
large an outlay, irrigation as an art of  
intensive farming is very profitable.

Another series of experiments was  
begun for testing the effect of irriga-  
tion and fertilization on sandy soils,  
such as are common in large sections  
of Michigan, Wisconsin and Minnesota.  
These lands are poor in plant food,  
and retain so little moisture that all  
attempts to farm them have failed.  
The experiments included the supply-  
ing of both manure and water. Man-  
ure alone was of little use, as there  
was not water enough to make the  
plant food available. Water alone pro-  
duced good results. The cost of irriga-  
tion was \$6.70 per acre, and the net  
gain from irrigation was as follows:  
Potatoes, \$30 an acre; corn, \$1 per  
acre; watermelons, \$58 per acre;  
muskmelons, \$45 per acre. From these  
experiments it seems that with spe-  
cial crops irrigation of the sandy lands  
is profitable, but the increase in yield  
of corn is not enough to justify the ex-  
pense of securing a water supply.

In New Jersey water has been used  
on small fruits and vegetables, and  
the added returns due to irrigation  
vary a great deal with the seasons.  
Some years no irrigation is needed, in  
others all crops are helped by it. Pro-  
fessor Voorhees, who has charge of  
this work, reports that in his opinion,  
irrigation where tried has paid well.  
Pumping from streams or wells is the  
most common way of getting water for  
fruit and garden irrigation. Small  
plants furnishing water enough for  
from five to ten acres, including pump  
and engine, cost from \$200 to \$500.

A little capital invested in an irri-  
gation plant, where the soil lacks  
moisture while possessing other ad-  
vantages, may be depended upon to  
yield rich returns.

## AGRICULTURAL BILL ITEMS.

Before congress adjourned the con-  
ferrees on the agricultural appropriation  
bill reached an agreement. The house  
accepted the senate amendment approp-  
riating \$500,000 for the eradication of  
the foot and mouth diseases. The senate  
receded from its amendment increasing  
the total appropriation for the general  
expenses of the bureau of animal in-  
dustry to the extent of \$50,000, thus  
leaving the appropriation \$1,200,000. The  
amount for the purchase of seeds was  
fixed at \$290,000; that for the bureau of  
plant industry at \$674,940; for the bu-  
reau of forestry at \$350,000; that for  
the bureau of soils at \$212,480. The senate  
provision allowing the secretary to care  
for wild animals presented to the de-  
partment is retained. The appropria-  
tion for irrigation is fixed at \$65,000.

The New Mexico Territorial Irriga-  
tion Commission has addressed urgent  
requests to the Secretary of the Inter-  
ior for a soil and irrigation survey of  
the Puerco and Pecos valleys from the  
point where the Pecos Valley and  
Northeastern railroad crosses the Pe-  
cos at Carlsbad.

Prof. Sanderson, Texas State ento-  
mologist, has published a paper of date  
Feb. 10 in which he takes the position  
that the boll weevil eggs are not in corn  
stalks and that burning the stalks is of  
no use.



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There are other officials yet to be  
named.

Perdue, O. T., March 2, 1903.

S. R. Williams, vice-president: Please  
send me an application for a Society of  
Equity; also by-laws. I can organize  
a local society. This is a new country,  
but we believe in co-operation. Yours  
respectfully,  
J. E. TOOMES.

Grow, O. T., March 2, 1903.

S. R. Williams, vice-president—Dear  
Sir: Send me an application blank for  
a local society. We have enough to or-  
ganize, and will as soon as the blanks  
arrive. We want to get ready for the  
fall trade. Yours for success.  
L. M. MIDGETT.

Homestead, O. T., March 1, 1903.

S. R. Williams, vice-president: Dear  
Sir—Please send me application blanks  
for a local Society of Equity. I think  
we can organize a large society here  
to aid us in the sale of our wheat this  
fall. We shipped over 100 cars from  
this section last year. With best wish-  
es,  
A. A. RICHARDSON.

Meridian, Miss., March 2, 1903.

S. R. Williams, vice-president: Dear  
Sir—Please send me a charter for a lo-  
cal Society of Equity consisting of fif-  
teen members. Think I can increase  
the number to twenty-five. Send me  
form plans of the society; also any oth-  
er literature. Yours for success,  
J. H. THOMPSON.

Indianapolis, Ind., March 6, 1903.

S. R. Williams, Esq., Vice President  
American Society of Equity:

Dear Sir—I am pleased to advise  
you that the growth of our Society all  
over the country is gratifying and yet  
it is not what it ought to be. The  
bad weather has retarded the work.  
We are filling the country with or-  
ganizers and I am expecting great re-  
sults. We feel encouraged and hope  
Texas will help to swell our ranks.  
It is only a question of time when  
they will do so. The farmers of the  
country in every state feel the need  
of a business organization and out of  
that necessity will come one of the  
strongest co-operative societies in the  
world. It is the plan of the American  
Society of Equity to have at head-  
quarters a representative of every in-  
terest in agricultural life. Truck  
growers, fruit growers, cotton, corn,  
livestock, all will have a vote in the  
management.  
Push the work.

J. A. EVERITT, President.

The American Society of Equity is  
attracting much attention among  
thoughtful farmers. An urgent neces-  
sity is felt for some kind of an or-  
ganization working in a co-operative  
way to aid in the sale of the prospec-  
tively large wheat crop. The farmers  
who raise wheat and oats in Texas  
and the Territories are at a great dis-  
advantage in dealing with the grain  
and millers' trust that is well orga-  
nized and looking to the best interests  
of the buyers of all grain.

Who is looking after the farmers'

interests in securing just rates of  
freights, equitable inspection and  
grading? Would not a well organized  
Society of Equity help you and if the  
state had numerous societies working  
as one don't you suppose the Railroad  
Commission would be most respect-  
ful?

HOW FARMERS MAY PROTECT  
THEMSELVES.

Editor Journal:

Your correspondent, J. D. Henry,  
whose interesting letter appeared in  
your paper of last week, has been hav-  
ing the same sort of experiences report-  
ed by others who have been and are  
still making an earnest, honest effort  
to organize the farmers of this country.  
Of all the people to be found in the  
United States, the "man with the hoe"  
and his neighbors are the most suspi-  
cious. I do not know that they act on  
the idea, namely, that every man seek-  
ing to do business with them is a scound-  
rel and must not be trusted until he  
proves himself worthy of confidence,  
but they have an unfortunate way of  
so treating men who recommend any  
sort of proposition to them as if they  
thought him a moral leper. Person-  
ally, I was an Alliance man, but I never  
organized an Alliance or a Society of  
Equity and I have no disposition to en-  
gage in such work. I have not, there-  
fore, personally run up against the  
snap Mr. Henry ran up against, but I  
know they are to be found in every  
community of farmers. There are to  
be met with everywhere men who are  
afraid to trust anybody, and a word,  
or even a hint, from such men is often  
quite enough to neutralize every effort  
made by good men who seek to serve  
them. That there is much excuse for  
this feeling of distrust, I frankly ad-  
mit. The farmer has been farmed by  
selfish, designing men so often that he  
is on the look-out now for the man  
who has a "gold brick" to dispose of  
cheap and he thinks every stranger he  
meets up with is the very fellow he is  
watching for. The trouble is that good  
men too often are given "the marble  
heart" by other good men who are un-  
duly suspicious of the motives of oth-  
ers. As to what is the remedy for this  
state of affairs, I can only offer a re-  
commendation on the chance that some-  
body will suspect that there is a bug  
under my chip and that I have some  
ax to grind, when the fact is that I  
only seek to serve the men who are  
nearer to me than any other class of  
men. My suggestion is as follows: Let  
the farmers of any community get to-  
gether, talk over the conditions by  
which they are surrounded, discuss  
calmly and earnestly the propositions  
made to them by the Society of Equity,  
effect a preliminary organization, ap-  
point a committee of their own mem-  
bers to investigate for them, and iden-  
tify themselves with the Equity orga-  
nization only when said committee shall  
have reported a recommendation to  
that effect. Whether they shall in the  
end join the Society of Equity or not, it  
will be a good thing for them and their  
community generally to meet together  
and organize, if only for local purposes.  
What the farmers need is to co-operate,  
to get in close touch each with the oth-  
er, to know each other better and in  
proper cases to act together in a busi-  
ness sense. My prediction is that the  
organization of such farmers' clubs or  
societies will be general throughout the  
country in the near future.

HENRY LA BRUN.

## LOCAL UNION FORMED.

Howard B. Clafin of Seymour, Tex.,  
reports the organization of a local  
union of the American Society of  
Equity at Shady, Texas, of twenty-six  
members.

Mr. Clafin is a most energetic man,  
and much interested in the mission of  
the American Society of Equity. He  
will accomplish much good and the  
Journal bespeaks for him every kind-  
ness. If there is any one who thinks  
he can organize a local union write  
S. R. Williams at Dallas or Fort  
Worth and all the necessary informa-  
tion will be furnished and when the  
members are secured a charter will be  
sent from Indianapolis, Ind. There is  
now in process of organization many  
societies in Texas and all friends of  
co-operation should help on the good  
work.



**HOW TO IMPROVE GRAINS.**

Prof. A. M. Ten Eycke of the Kansas Agricultural college says that there are a few simple rules by which, if observed, a farmer may improve the quality and productiveness of his corn and other grains.

Seed corn should be selected in the fields, so as to observe the stalk as well as the ear. Select the best ears (those which hang down indicate weight and small shank) from strong, healthy, leafy stalks. Gather two or three times as much corn as you need for seed, and, after shucking, select only those ears which are sound and true to type, well denting, with deep wedge-shaped kernels and straight rows, well filled out at butts and tips. Thoroughly dry the corn in a well ventilated room, supplying artificial heat when necessary, and store in a dry place from rats and mice.

So important is it to save seed only from the strongest and most productive plants that every farmer ought to select the field in which to grow crops for seed. Give the land special preparation, plant at the most favorable time in order to secure quick and sure germination, and give the crop the best possible care and cultivation, so as to get the fullest development of the plants.

Sow the grain or plant the ear thinner than you do for the general crop, in order that the plants may be vigorous and fully developed in productiveness. Seed from large productive plants is more apt to produce large productive plants than seeds from stunted, crowded plants.

Allow grain to become fully ripe before harvesting for seed. Keep it from getting wet in the shock if possible, and thrash it only when it is thoroughly dry, so that there will be no danger of heating the bin. Store in a dry place. Always clean your seed grain, removing all foul seed and light kernels. Like produces like with the plant as with the animal. If you want to produce heavy, plump grain, plant heavy, plump grain.

Farmer Brighton of Fairfield, Iowa, is just entering upon a new advertising campaign in this paper. It is apparent that in his combination tool, the Swine V, to prevent hogs from rooting, Cattle Dehorner and Stock Marker, Farmer B. has something which other farmers want, and buy liberally, else he could not afford to advertise so regularly. His ad. has come to be a familiar face in this and many other papers. It is just a little ad, headed, "No Humbug," and accompanied by a cut showing the tool and a hog's snout operated upon to show how it works. Look up this ad. If you keep hogs, or have occasion to mark or dehorn.

**Deadly Cancer Yields to This Combination of Oils.**

Weatherford, Tex., Feb. 24, 1902.  
Dr. B. M. Bye Co., Dallas, Texas:  
Dear Sirs—It is with a thankful heart I now write you, as my nose is perfectly sound and well. Tongue can not express my thanks to you for the good I obtained from your Oils. I wish all who are afflicted with cancers knew of your Oils. I will recommend them to all I see. Yours truly,

MRS. A. H. DURRETT.  
The Combination Oil Cure for cancer and malignant diseases was originated and perfected by Dr. B. M. Bye, after thirty years of experience in the treatment of cancers. It is the only successful remedy known. It is mild and harmless, safe, soothing and balmy, and gives relief from unceasing pain. Those interested may procure free illustrated books and papers. Call on or address DR. B. M. BYE CO., 418 Main street, Dallas, Texas. P. O. Box 462.

**SPECIAL NOTICES**

Advertisements inserted in this department in the three Journals at two cents per word. This pays for publication one time in:

- The Texas Stock Journal;
- The Texas Farm Journal;
- Kansas City Farm Journal.

The combined circulation of the three Journals secures by far the largest circulation in the Southwest.

**REAL ESTATE.**

**LAND**—Buy and sell land on commission. Taxes and interest paid for non-real estate. School land titles straightened. Nine years' experience in general land office at Austin. R. B. NEWCOME, Amarillo, Tex.

**KAUFMAN COUNTY**, ideal home, 640 acres of fine black land, 7 miles northeast of Forney; 150 acres pasture, good grass, 120 acres famous hay land, balance in fine state of cultivation; fine improvements; at the low price of \$32.50 per acre. M. B. BROOKS, Forney, Tex.

**FOR SALE OR TRADE** for ranch or timber land in Texas, good residence, store house and stock of general merchandise, in Colorado county; all good, clean stock in first-class shape, near German and Bohemian settlement; well established trade and healthy location. Reason for selling, the owner has other business that requires his time and attention. For further particulars address J. R. WESTMORELAND, Eagle Lake, Tex.

**CHEAP TEXAS LANDS.**

The San Antonio & Aransas Pass Railway covers Central and South Texas. Good lands, reasonable prices, mild and healthful climate. Address, E. J. MARTIN, General Passenger Agent, San Antonio, Texas.

**RANCHES.**

**FOR FINE BARGAINS** in lands and ranches in the best stock farming part of the Panhandle, write to WITHERSPOON & GOUGH, Hereford, Texas.

**SMALL RANCH** in Kendall county for sale; 5000 acres, divided in six pastures, well watered; good farm, well improved. ROBT. WHITWORTH, Sisterdale, Tex.

**WRITE** for circular describing ranches and prices. We have them all kinds and sizes; also cattle of all classes. Come to the Panhandle while lands are cheap. DODSON BECKHAM & SOWDER, Canadian, Tex.

**RANCH**, 3200 acres, 6 miles from town on Fort Worth and Denver railroad, part patented, part school land, well improved. Can be bought for \$6000. Improvements cost \$3000. Write for particulars. WINTERS-DANIEL CO., Fort Worth, Tex.

**AM OFFERING** 20,000 acres, in tracts of 160 acres, in Wilbarger Co., Texas, for part cash and balance in 1, 2 and 3 years. This is strictly farming land and can not be beat in any part of the country. Write for particulars. R. L. MORE, Special Agent for W. T. Waggoner, Vernon, Texas.

**FARMS.**

**STEPHENS COUNTY** stock farm, 2200 acres within 10 miles of railroad town, 2 miles from country town. Fully 1000 acres rich farming land, black prairie loam soil. All well grassed, 75 acres in farm, plenty of water and timber; good 6-rooms dwelling. Price and terms satisfactory to party who means business. Write for map. WINTERS-DANIEL COMPANY, Fort Worth, Tex.

**640-ACRE** improved place in lower Panhandle for sale, \$4600. Might take some cattle or city property in part pay. Full particulars by addressing "STOCK FARM," Box 173, Fort Worth.

**FARM**, nearly 1100 acres, 4 miles from Jolly, in Clay county, all agricultural; dark, mesquite loamy soil; 200 acres in cultivation; plenty of water and timber, good 7-rooms frame dwelling which cost \$2250, excellent improvements of all kinds, fine neighborhood. Big bargain in this. Write for particulars. WINTERS-DANIEL CO., Fort Worth, Tex.

**FLOYD COUNTY**—1902 acres unimproved land, rich plains. Good grass. Feed grown in great abundance. Stock farming very profitable. Price \$3 per acre, one-third cash, balance good time. I make a specialty of the central plains, having done a surveying and general land business at Floydada for more than 12 years. I can sell you rich lands cheap. W. M. MASSIE, Hoxie Building, Fort Worth, Texas.

**WRITE ME** for best bargains in farm lands on the plains. Have anything you want. OTUS REEVES, Silverton, Tex.

**FARM** within one mile of good country town which has a fine graded school, 9 miles from county seat and 90 miles northwest of Fort Worth; contains 1240 acres, 1000 acres rich farming land, 3 sets farm improvements, plenty of good pure water and everything to make it one of the most desirable country homes in Texas. Its market value is \$16 per acre, but we can sell it on reasonable terms for \$11 per acre. Map furnished. Write us. WINTERS-DANIEL CO., Fort Worth, Tex.

**FOR SALE**—173 acres Sulphur River black land, south of Clarksville; must be sold quick; cash sale. BOX 598, Greenville, Tex.

**LAMPASA COUNTY** stock farm, 1100 acres, fronts on stream living water, mostly valley land, 300 acres in cultivation, 4 sets improvements, 4 good wells, excellent neighborhood. Owner anxious to sell. Price \$7.50. Terms one-third cash, balance to suit. WINTERS-DANIEL COMPANY, Fort Worth, Tex.

**SHEEP.**

**FOR ANGORA GOATS**, sheep, mules, also for cheap farms and ranches, write to LUCKENBADT BROS., Shovel Mount, Tex.

**FOR SALE CHEAP**  
Two hundred and fifty head of fine Merino sheep. Address W. G. HUGHES, & CO.

**HORSES.**

**I HAVE FOR SALE** a lot of stallions. They are a cross of Spanish, Choctaw and Shetland. They make the best cow ponies on earth; also a few ponies same breed. Any size you want; not broke. J. W. REILEY, Owenville, Sutton county, Texas.

**STALLION** for sale or trade, "Texas Ranger," registered trotter, by "McCoy" and "Tuscola." Sire of "McCoy" is "McEwen." Sire of "Tuscola" is "Tennessee Wilkes." Would sell reasonable, or trade, or exchange for registered or proven sire; 1903 fifth season's use, reason for desiring change. If interested, write for particulars, as this may not appear again. W. C. GAY, Jr., Coleman, Tex.

**CATTLE.**

**FOR SALE**—Land and cattle, above quarantine, in lots to suit purchaser. H. O. PERKINS, Big Springs, Tex.

**FOR SALE**—Three hundred steers, two and ones past. Callahan county cattle, close to Baird. Write R. CORDWENT, Baird, Tex.

**FOR SALE**—Nine registered Red Poll bulls, good individuals, ages 8 to 22 months; price \$75 for choice, \$60 around for bunch. GEO. N. SAUNDERS, Lefors, Texas.

**I HAVE** for sale 1000 steer yearlings; 500 2-year-old steers, and 500 3-year-old steers. Address "V. Z.," Stephenville, Tex.

**WANTED, CATTLE**—To pasture in Indian Territory. Prices reasonable. T. J. JORDAN, Collinsville, I. T.

**HEREFORD BULLS** FOR SALE—23 coming twos and 2 coming threes; 18 of them are registered and 7 full blood unregistered. C. B. WALLACE, Canyon, Tex.

**ONE RED REGISTERED SHORTHORN** bull for sale by J. M. UNDERWOOD, Denton, Tex.

**LAUREL RANCH**—Cattle of all ages for sale. Write for prices. J. D. FREEMAN, Lovelady, Texas.

**WANTED**—1000 steers to pasture. Will furnish plenty of water and not less than 10 acres of grass. B. R. GRIMES, Ashland, Kas.

**FOR SALE**—Seven registered Red Poll bulls, good individuals, ages 13 to 23 months. Price \$75 for choice, \$60 around for bunch. GEO. H. SAUNDERS, Lefors, Gray county, Tex.

**FOR SALE**—Twenty head of very high grade Hereford bulls, coming twos, below quarantine line. Herd established in 1887. Tops of 100 head. Terms to suit, prices low. Address W. W. WELLS, manager, Abilene, Tex.

**NOTICE to Cattle Feeders**—We are completing several desirable feed lots on property adjoining the Fort Worth Stock Yards, to which all railroads have access, and which is also adjacent to the Fort Worth Cotton Oil company. These lots are clean and well drained, have natural shelter, new substantial feed troughs and plenty of pure artesian water. For particulars, call on or address GLEN WALKER & CO., Fort Worth, Tex.

**40 FULL BLOOD DURHAM CALVES** for sale—20 heifers, 20 bulls, ranging in ages from 8 to 16 months; calves are from full blood cows and extra fine registered bulls; 2 herd bulls, weigh 2000 pounds each. I handle strictly my own raising. Write for full particulars. S. D. EVERETT, Kiowa, I. T.

**ATTENTION, FEEDERS**—For delivered prices on cotton seed meal, hulls or screened cake, also coars, oats, chops, rice-bran and hay, address DAVID BOAZ, 906 Main street, Fort Worth.

**PASTURAGE.**

**PASTURAGE WANTED** for 500 two-year-old steers from April 1 to November, 1903. W. P. STEWART, Jacksboro, Tex.

**AGENTS WANTED.**

**WANTED**—Agents everywhere to represent the largest mail order firm in the Lone Star State. Send (2c) stamp for particulars. Address LEITER & MOREN, Pub. Dept., Kennedale, Tex.

**A FARMER'S SON OR DAUGHTER** can earn a lot of money in their own town distributing the products of a large Mfg. Co. whose goods have had steady sale for 25 years, wholly by local agents (men and women) who earn from \$500 to \$1200 a year each, many of them having been with the company since its start. It requires no capital. A self-addressed return envelope sent to-day to A. LEA WADE (T-101), Roxbury, Mass., will bring you full particulars by return mail.

**JACKS.**

**BLACK SPANISH JACKS** for sale, from 15 to 15 1/2 hands high. Apply to K. McLENNAN, Stamford, Jones Co., Tex.

**JACKS** for sale by WM. PFLUGER, Round Rock, Tex. Correspondence solicited.

**JACKS**—Few fine, extra large, heavy bone black jacks for sale, from the best blood of Tennessee and Kentucky; all acclimated; some are over 15 hands standard and growing nicely; guaranteed in every particular. Car of extra large, black, heavy bone young jennets of Black heavy bone young jennets of Black lin strains; none better. Prices and terms, address KNIGHT BROS., Fort Worth, Tex.

**MULES.**

**MULES FOR SALE**—Three and four year old mules, from 14 to 15 1/2 hands, good colors and in good shape, from big mares and big jacks. Address KNIGHT & WILSON, Fort Worth, Tex.

**MISCELLANEOUS.**

**RODS** for locating gold and silver, positively guaranteed. A. L. BRYANT, Box 109, Dallas, Texas.

**WANTED**—Expert machinist, foundry people, repairers, blacksmiths; write for particulars how to braze-cast iron. DR. J. S. BAILEY, Denton, Tex.

**McKAIN'S MAGIC SALVE** positively cures piles; prompt, permanent and painless. All druggists, or mailed by McKAIN MFG. CO.; Greenville, Tex.

**WANTED**—One thousand gallons daily of pure milk and cream. Will contract for any quantity by the year. ALTA VISTA CREAMERY CO., Fort Worth, Tex.

**\$8.00 IS NOT MUCH MONEY—BUT** it may be the means of making you a fortune. We offer you an investment in which you can't lose. Two Trust Companies give you absolute protection. For full information write us. WELTNER & DUNN, 60 Broadway, New York.

**ALTA-UREA**, sure cure for rheumatism, syphilis, gout, liver complaint and conditions caused by bad blood, \$1.00 per bottle. NATIONAL MEDICINE CO., 400 Main St., Denison, Tex.

**TO WHOM IT MAY CONCERN**—Stock and cattlemen especially. I will be on the border of Texas and New Mexico this spring for the purpose of spaying cattle. Any information wanted, write me at Lipan, Tex. C. W. BAKER, V. S.

**McKAIN'S MAGIC SALVE**—Put up in 25 and 50-cent boxes. Sold by druggists everywhere, or mailed direct from the McKAIN MANUFACTURING CO., Greenville, Tex.

**FOR SALE**—Stock in one of the best partially developed mines in Idaho. This is an opportunity to invest your money where it will soon bring you big returns. Investigate this. Write to-day for full information to B. MASON, Nampa, Idaho.

**WE PAY \$26** a week and expenses to men with rigs to introduce Poultry Compound. International Mfg. Co., Parsons, Kan.

**SPASMODIC COLIC CURE**, worth \$1. send recipe 50c. World beater. CHAS. CLEMMONS, Springer, I. T.

**\$7000 WORTH** of dry goods and groceries. All new stock, to trade for mules or horses. Annual cash sales \$30,000. Bad health cause of selling. Address P. O. Box 200, Waggoner, I. T.

**COPYING** letter at home; full or spare time. No names to supply, or addressing envelopes. Nothing to buy; \$20 per thousand, paid weekly. Send addressed envelope for copy and application blank. IMPERIAL CO., 123 A Liberty St., N. Y.

**MANY PEOPLE** suffer from tender, perspiring and scalded feet, resulting from frostbite, chilblains, etc. One or two applications of McKain's Magic Salves relieves in almost every case. All druggists, or by mail from McKAIN MFG. CO., Greenville, Tex.

**WANTED**—Oil mill, best location in the Territory. Bennington is situated in best country in the Choctaw Nation. For information address H. M. LINDSEY, secretary Board of Trade, Bennington, I. T.

**FOR SALE**—Cotton seed hulls and meal, straight or mixed cars, or desirable contracts offered for feeding at our mill with splendid shipping, water and feeding facilities. LANDA COTTON OIL CO., New Braunfels, Tex.

**CORN GROWER, ATTENTION**—Grow pure bred corn. Reid's Yellow Dent is the corn that pays the rent; acknowledged everywhere as the king of the corn belt. Write to-day for circular and prices. This corn sells on its merits. All corn shipped in ear. G. M. RICHARDSON, Buffalo Hart, Sangamon Co., Ill.

**COTTON SEED HULLS**—for sale by the National Cotton Oil Company, Houston, Carload lots at \$4.50 per ton f. o. b. at the mill. January-February shipments.

**THIS BEATS NEW JERSEY**—Charters procured under South Dakota laws for a few dollars. Write for corporation laws, blanks, by-laws and forms to PHILIP LAWRENCE, late assistant secretary of state, Huron, South Dakota.

**WANTED**—More money raising squabs than banking; easy learned; quick returns; most prolific of all breeders. Our book giving complete directions for establishing plant and building up a big business mailed on receipt of 50 cents. DELMONT ROOKERY, Beaumont, Tex.

**I AM** permanently located at Jacksboro and will be found over the Jacksboro Pharmacy. All work strictly first class and guaranteed. J. A. RICKLES, dentist.

**HAT AND DYE WORKS.**

**Largest factory** in the Southwest. Latest process for cleaning and dyeing. Lowest prices for first class work. Catalogue free. Agents wanted. WOOD & EDWARDS, 336 Main St., Dallas, Tex.



## DAIRY

To get the best results the churn should not be over half full of cream.

Four gallons of cream in the churn should yield one part butter to three parts of buttermilk, provided, of course that no water has been used in its working.

If the salting is to be done while the butter is being churned, an ounce to the pound should be used. About three-fourths of an ounce to the pound is sufficient when salted on the worker.

It is advisable to keep only good dairy cows, but oftentimes an indifferent animal may be improved so as to yield a generous supply of milk. Much depends on proper feeding and care.

In localities where creameries are numerous, farmers usually prefer to sell their cream at a good figure, rather than engage in the manufacture of butter themselves. Many readers of the Journal, however, are not within easy reach of the creameries and these find it more expedient to make butter themselves. It is a short sighted policy to abandon dairying because other lines are paying well. The inevitable reaction must come, and when it does, dairying will pay when every other industry is suffering from hard times. It has been so in the past, and history repeats itself.

## QUITE A DIFFERENCE.

The Illinois Experiment Station has just completed a practical experiment in keeping the record of two ordinary dairy cows for one milking period. An accurate account was kept of the food consumed, and the milk and butter fat produced. The animals were fed the same ration, and treated alike in every respect. One consumed 6478 pounds of digestible dry matter, and produced 113,29 pounds of milk, and 565 pounds of butter. The other consumed 6189 pounds of dry matter, and produced 7759 pounds of milk, and 229 pounds of butter. These cows consumed about the same amount of feed each but the difference in the amount of butter produced was \$47.09. The good cow made the owner \$47.09 more than the poor one in one milking season. If the farmer had twenty cows—ten of each kind, as the above—the 10 good cows would make him \$470.90 more than the other 10, or if one farmer had 20 cows as good as this good cow, and another 20 cows like the poor one, there would be a difference of \$941.80 in the receipts of the two farmers from their cows.

## BORAX AS A PRESERVATIVE.

Where borax is used in only sufficient quantities to preserve the product, it has been decided this is not adulteration and that butter so treated can not be treated as adulterated food. An interpretation of the law by the Dairy Commissioner is as follows:

"The claim is made and abundantly supported that the preservative is not used in butter for the purpose of deodorizing or removing existing rancidity. Boracic acid and most of the borax preservatives do not possess the quality necessary to deodorization or to the removal of rancidity. The use of borax might have the effect if used in sufficient quantities of counteracting rancidity, but such effect would be either absolutely absent or extremely small when borax is used in the small quantities necessary for preservative purposes alone. Further, the preservative is used when the butter is fresh and free from rancidity or unpleasant odor. Even renovated butter as now generally made is deodorized and has rancidity relieved by processes requiring no chemicals, so that if borax or other preservatives are used they cannot have the effect of deodorizing or removing rancidity, as this condition does not exist when the preservative is used. Where, therefore, borax preservative or similar preservatives are used in butter in extremely small quantities, the sole use being for the purpose and with the effect of preserving or postponing usual and natural changes in butter, it is held that the product will not be liable or sub-

ject to tax as adulterated butter. The quantity used must not be more than necessary for purposes of preservation. If added in larger quantities or when used as a bath or wash in the working or renovation of butter the product will be held liable to the higher rate of tax."

## RECORD OF A DAIRY HERD.

The Nebraska Experiment Station has just issued a bulletin giving the records of their dairy herd for the past five years. The following is a brief synopsis of the bulletin: In October, 1896, the experiment station purchased ten grade Jersey heifers all to come fresh in the late fall or early winter. This small herd was to be used for investigations along the line of dairy husbandry and, therefore all records were kept as to the feed and production of the animals. During the five years that the herd was on test, they gave an average butter production as follows: In 1897, 340.98 pounds of butter per cow; in 1898, 368.89 pounds; in 1899, 247.63 pounds; in 1900, 279.35 pounds; in 1901, 353.43 pounds. During the five years, fifty-two yearly records showed an average of 315.32 pounds of butter. The variations from year to year were caused by various changes in the herd and to some extent to the feed given. It was found that certain cows gave excellent records during the five years and such cows were shown to possess a marked dairy type and conformation. The poorest record in the herd was made by a cow lacking in depth and possessing a steer-like form. Alfalfa and wild hay were tested for their value in rations for dairy cows. The herd was divided into two lots so that they were about equal as to their butter and milk production. Lot 1 received alfalfa hay for six weeks, while lot 2 received wild hay for the same time. After this period, the lots were reversed. Comparisons were made as to the amounts of milk and butter produced while on the two feeds. It was found in this experiment that alfalfa hay gave better returns than wild hay and at the same time was more economically fed, as it required more wild hay per ration. Corn ensilage and sugar beets were tested as to their value as succulent feed when given to dairy cows. The herd was divided into two lots, the same as in the experiment for testing alfalfa and wild hay. The results shown by this experiment were a little in favor of ensilage but the difference was very slight. It seems to be more a question of how cheaply the two succulent feeds are produced than of their feeding value. Both foods gave good results and were relished by the animals. Another point that the station attempted to determine was the time in a cow's lactation at which she may be expected to do her best. In order to obtain a large number of records the Nebraska Experiment Station co-operated with the Minnesota Experiment Station and together 239 complete yearly records were available. Out of this large list, which was made by cows of various breeds and ages a table was compiled. It was found that the second and third weeks of a cow's lactation in most cases proved to be the best. The records also showed that a cow reaches her highest butter production at an earlier period in lactation than she does her greatest milk flow. We also notice that the cross-bred Jersey-Shorthorn which, the bulletin says, shows her Shorthorn blood in size and color is credited with the best five-year record of any cow in the herd. The bulletin further says of this cow: She is at the present time giving a large flow and promises to make her best record this year.

March is a busy time in the poultry yard. Every hen is putting forth her most energetic efforts to secure a large family of chicks. Their cacklings of joy are incessant. The largest number of hens should be set during the latter part of the month, so as to have the greatest number of young chickens in April, a time when the weather is mild and the young broods are subjected to the least bad effects from either cold or severe hot weather.

## POULTRY

Pedigree counts in the value of any animal, but nowhere more than in the poultry yard.

Begin with one good breed and make yourself thoroughly familiar with all its points before attempting to raise any other variety.

## EGGS FOR HATCHING.

"It is often a problem why we secure good hatches from part of the eggs placed under hens, while but poor results are obtained from other sittings. In the first place, in a majority of cases, the trouble is with the eggs, and not with the hens," says Charles A. Arriek in the Agricultural Epitomist. Hence, he says, "it would be well if the eggs were tested after being under the hen for a week; the incubator operators understand this and why should not the same practice be followed with setting hens? It is an easy matter. Make an egg tester by pasting paper boards together, or by using thin boards if preferred. The eggs will appear dark should they contain chicks the large end appearing clear; this clear space around the inside of the large end is the air sack. Should the egg contain no chick, it will look clear, and if compared with fresh eggs, will show the same appearance; therefore always use a fresh egg for comparison. Put the dark eggs back into the nest and keep the clear ones. Cook them and keep them for feeding the young chicks."

## EXPERIENCE OF MRS. B. L. HART.

Mrs. B. L. Hart of Lone Oak, Tex., writes: Delighted, indeed, am I when I find an article on poultry raising, as nothing attracts my attention as quickly. While others are writing I feel inclined to contribute an article, which I hope will be of some service to your readers.

I'm a Brahma specialist, and it is a great delight to me to raise fine poultry, as I've one of the best strains. I feel that I can't give too much attention to my poultry. I give them free range, and encourage them to scratch, and do not force them to lay in the winter, because when the hatching season comes their eggs will hatch better and the chicks will be stronger. I dust my hens with snuff to keep them free from vermin; also paint their perches with kerosene and crude carbolic acid once a week. I make it a rule to clean out their house once a week. I keep their drinking fountain washed clean and the water disinfected, as it will keep away disease. I never have trouble with mites because I keep all nests clean, and while the hens are sitting I keep the nests well dusted with snuff and the walls of the nest painted with kerosene and carbolic acid. Sometimes during the hatching season a few appear, but as I watch close for them, I have no trouble, comparatively, for I immediately remove everything and scald with boiling water, then put in new nest material, and, as a rule, that is the last of the mites. As to feed, I have a patch of green wheat or oats for them to forage on during the winter, when everything else is dead, and feed such as wheat, bran, oats, peas and corn. It is a bad idea to crowd chicks. I've better success with my chicks when I don't crowd or feed raw corn meal. I cook corn bread as I would for table use and feed it; also

## POULTRY.

## 57 PREMIUMS—57

In three shows in 1901. Breeders of high class Poultry. Single Comb White, Brown, Buff and Black Leghorns, Eggs \$2.00 and \$3.00 for 15, and White P. Rocks Eggs \$3.00 for 15. Fine stock for sale at reasonable prices. State agents for the Prairie State Incubators and Brooders. Shipped from Dallas at factory prices. Send for free catalogue. Also carry in stock Chamberlain's Perfect Chick Feed, Mica Crystal Grits, Ground Oyster Shell, Lambert's Death to Lice, powder and liquid form, and Humphrey's Green Bone and Vegetable Cutters. THE NORTON POULTRY YARDS, 439 Cole Ave., Dallas, Texas.

THE BEST—THE BEST BUFFLEGHORNS, Buff Rocks. Eggs for hatching, \$2.00 per 15. No stock for sale. I will satisfy you. J. F. HENDERSON, Fort Worth, Tex.

BUFF LEGHORN, Buff Cochins, eggs \$1.50; White Wyandotte, M. B. Turkeys, eggs \$2; Poland China swine. M. STRIBLING, Gindale, Tex.

BARRED PLYMOUTH ROCK eggs from prize winning New York and Massachusetts stock (E. B. Thompson and Bradley Bros. strain) \$1.50 setting of fifteen. F. A. TOMPKINS, Pilot Point, Tex.

## GOLDEN WHITE AND BUFF

Wyandottes, Barred, Buff and White P. Rocks, White, Buff and Black Langshans, Light Brahmas, C. I. Games, eggs \$1.25 for 15. Brown and Buff Leghorns, Black Minorcas, Silver Hamburg, eggs \$1.00 for 13. B. T. Jap. Bantams, \$1.25 for 13 eggs. Pekin ducks, \$1.00 for 10 eggs. M. Bronze and White Holland turkey eggs, \$1.15 for 10. E. EDWARDS, Pittsburg, Texas.

## E. X. BOAZ BENBROOK, TEXAS.

Barred Plymouth Rocks. Vigorous, farm raised. Free range for young and for breeding stock. A fine lot of youngsters for sale at reasonable prices. Eggs \$2 per setting. Correspondence solicited.

## I HAVE FOR SALE

1000 young and old chickens now ready to ship, such as Light and Dark Brahmas, Barred White and Buff Plymouth Rocks, Golden, Silver and White Wyandottes, Single and Rose Combed Minorcas, Leghorns of all breeds, Partridge, White and Buff Cochins, all varieties of Bantams; also all varieties of Games and Polish ducks and turkeys and geese. I will guarantee every bird sent out to be as represented. If you don't find it so, send them back and I will refund money promptly. Please send 2-cent stamp for one of my 1902 catalogues, which will give description of every bird I advertise, also prices, which are very low. Eggs for sale any time after March 1 at \$1.40 per setting, delivered anywhere in the United States and guaranteed to reach you in good order. Would be pleased if you will send for catalogue; am sure that it will interest you. Address W. SEIDEL, Elroy, Ill., Box T.

MAMMOTH BRONZE TURKEYS, extra fine, young toms, pairs and trios. Write for prices. GLENGARRY POULTRY YARDS, Somerville, Tenn.

## OAKDALE POULTRY FARM,

Eggs for hatching from Barred Plymouth Rocks, Cornish and Buff India Games, Black Pit Games, Partridge Cochins, Brown Leghorns and Brown Red Game Bantams at \$2.00 per 13. I guarantee a good hatch and you get eggs from stock that have won first prizes at the leading poultry shows. Pointer dogs for sale. GEO. D. ACKLEY, Prop., Box 158, Fort Worth, Tex.

## BARRED PLYMOUTH ROCKS

for sale. Cockerels \$1.00 to \$2.00. Leffel and Hawkins strains direct. Satisfaction guaranteed. L. P. DOUGLASS, Electra, Wichita Co., Tex.

## FOR SALE—EGGS

from fine Mammoth Bronze turkeys, W. Leghorns, White and Barred Rocks, incubator eggs; catalogue Glengarry Poultry Yard, Somerville, Tenn.

I feed turnip tops, onion blades, lettuce and beet tops, all chopped fine. You would be surprised if you never fed such, to see how greedily they devour such feed. They soon learn what to expect, and are disappointed if not fed regularly. Early in the spring plant a pea patch close to their runs, and you will be well paid for your trouble. I also keep books with my poultry, and do not keep a one-sided book, either. I book every item of expenses and profit; keep leg-bands on them, and can tell their age, or anything I want to know.

## REPLENISH YOUR POCKETBOOK

by purchasing a

## U. S. CREAM SEPARATOR

The U. S. Gets More Cream than others, which means more money to the user;

With the U. S. the calves and pigs thrive on the warm sweet skim milk, which means still more money to the user;

The U. S. Wears Better and Longer, which means more money still to the user.

These and other points of superiority described in our catalogues make

THE U. S. SEPARATOR THE MOST PROFITABLE TO BUY.

Vermont Farm Machine Co., Bellows Falls, Vt.





DRESS AND FASHION.

Individuality is becoming a big factor in dress. Few women belong completely to any one type of appearance and the average woman tends decidedly of late toward studying herself. She decides how she means to look and how she can turn her good points to best effect. There are plenty of styles which she may model herself on or get fresh ideas from. Vienna fashions, for instance, are beginning to be talked about in the same breath with those of Paris. The first cut affords an example which, well carried out on a suitable figure, should be unique and handsome. This Vienna spring gown, with its sack coat, is in gray sable cloth. The straight front of the skirt buttons over the bias circles, round the sides and back, formed of velvet. The pelerine fronts are turned back and incrustated with guipure. The bolero hat is of fine



A COSTUME FOR THE SOUTH.

gray straw, with cockades of cerise velvet and a white lace veil falling behind.

The foremost styles of the modistes at this season are for the travelers to and dwellers in sunny climes. A pretty specimen of these is shown in an almond colored veiling set off with fancy bands and heavy tassels in oriental tints. The berthe, collar and cuffs are of plaited silk muslin edged with guipure work: Flowers and ostrich plumes in soft colors trim the lace straw hat. AMY VARNUM.

TWICE BAKED BREAD.

The custom of twice baking the bread is becoming quite a common thing with a great many housekeepers. This is most frequently due to the advice of a physician, for zwieback is a standard remedy for indigestion and beneficial in some kinds of kidney trouble. But the greatest good to be derived from its use is its effect upon the teeth. This should endear it to every mother who has the welfare of her children at heart, as a child can have few better inheritances in the shape of bodily perfection than a set of healthy teeth.

It is said that the habit of eating so much soft, sloppy food is the reason so few have perfectly sound, strong teeth. Even more terrifying consequences are predicted. We are told that if this same practice is adhered to a toothless race will be the result. Though such a ca-

strophe is highly improbable, we are faced with the fact that the great majority of the people of the present age have not half as good teeth as did their grandsires. The teeth, like every other portion of the human system, have a given amount of work to perform to keep them in a healthy condition. Food which requires but little mastication deprives them of their appointed tasks and makes them weak.

Consequently children should be given all the zwieback they will eat, and adults, too, will find that the health of their teeth can be improved by its consumption. But of course all this hygienic inducement which is held out would probably prove fruitless if it were it not for the fact that the taste for zwieback is an increasing one. Few people who have eaten it, even but a short time, care to go back to common bread, for it seems soft and insipid after the crispiness of the rebaked.

The Vienna bread makes the best zwieback, although any other kind of baker's bread will do if this is not obtainable, but homemade bread will not give satisfactory results. In preparing it is a good plan to cut up several loaves in slices of medium thickness. Place them in the oven and allow to remain there overnight subjected to a moderate temperature for twelve hours. Bread treated in this way will be superior to that which is baked in a quicker oven in a shorter period.—Table Talk.

SIMPLE FASHIONS.

Among all the new things the black goods surpass all others in elegance. There are voiles, silk and wool crapes, etamines, mystral, canvas, zibeline canvas with long hairs over the surface, voile plumetis, a delicately light all wool fabric; striped voile, crepe de paris, fancy cravenette mohair and openwork mohairs. Mohair is to be a fashionable material, and that of this season is much softer and silkier than any before woven. All the voiles, or veilings, in plain English, are produced, and, though generally of plain, smooth surface, some of them have fancy woven lacelike stripes. The mystral etamines are very elegant.

Crashes, mostly in the Russian and Belfast varieties, will be favorites for outing, and they are to be trimmed with the heavy Russian lace or a little Bulgarian embroidery judiciously applied. Java and Panama linen, mostly in natural colors, are also much sought for just now.

TATTED FLOWERS.

Handwork of all kinds is at the height of popularity just now for dress trimming and for endless varieties of fancy work. An entirely new idea, that tattled flowers done in various natural colors, is suggested by the Housekeeper in connection with some original designs that have proved beautiful, inexpensive and most of them easy to make.

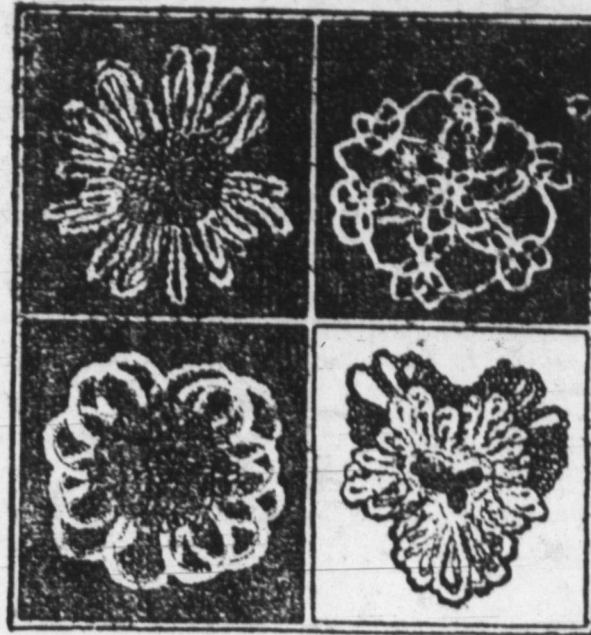
Crochet cotton, buttonhole twist and sewing silk were used to make these flowers. Buttonhole twist proved to be the best for thick, fine centers and could be found in just the right shades. Crochet cotton for petals is just as effective as the more expensive knitting silk.

The White Rose.—The center of this flower is made of yellow buttonhole twist. Two ds, one p, two ds; repeat until there are nine picots. Close ring; leave one-quarter inch of thread, \* one ds, one p. Repeat three more times; one ds, join to first picot in ring; four ds with one p between each; close, leave one-quarter inch of thread, repeat \* thus all around ring, join and fasten thread.

Forty ds, close, repeat seven times for first row of white petals; place another row back of this, and still another row if wanted very double. Do not break threads between each row; simply wind them around and sew in place.

Wild Rose.—Since most flowers have yellow centers, it is handier to have two shuttles and fill one with yellow, the other with pink. For the center have thread a yard long; work one ds, one picot about one-fourth inch long; repeat this until the ring is about the size of a natural flower and draw up close. Exact number is not necessary in these centers. Work another row to fit around this, as that gives it a fuller center. Close and with needle and fine thread catch it together at the back. With needle filled with yellow or greenish yellow, run a few long loose direct-

ly in center and cut them. For outside petals simply make very long picots, with one ds between each, until there are enough to fit around the center. Separate these long picots into five



WHITE ROSE. WILD ROSE.

STAR FLOWER. PANSY.

equal petals, fasten to a card or thin paper and press with warm iron, then sew to center.

Star Flower.—This design is especially pretty for handkerchief corners or dolly centers. Fill shuttle with No. 50 thread, leave spool on without breaking. Eight ds, one long p, eight ds, close, \*. With two threads work seven p, with one ds between each. Draw up close, eight ds, join to long p, eight ds close. Repeat from \* four more times. With two threads work seven p, with one ds between each. Now make a small ring with shuttle of seven ds, join to center p of previous chain seven ds, close. With two thread work seven more picots with one ds between and join as seen in the illustration. This forms one point of the star. Repeat this five times; tie off. The last row is made with two threads also. Fasten at the point of star and with shuttle work eight ds, join to star point, eight ds, close; with two thread five ds, one p, five ds; repeat this twice more, joining at the same point. Then work long chain of nineteen ds, with one picot in center, to next point; repeat five times, fasten securely.

The Pansy.—Fill shuttle with fancy purple, have long thread about two yards, work one ds, one long p, one ds, one longer picot, one ds, one still longer picot. The three center picots are the same length. Then graduate the size in opposite directions, draw up close. This forms the bottom petal. The sides are made the same way and twisted in such a way that the two rings will be side by side and the lower one come in center. The top is made in two scallop-like petals that fit over this and fasten. The last is yellow thread of about fifteen long picots graduated each way and joined, as seen in illustration, with thread and needle. A touch of yellow in center with needle and thread finishes this.

CROCHET GOLF COAT.

Knitted sweaters have their own important place in dress, and now comes a variation on this style in the form of the admirable little crochet coat blouse, which can be made in any color desired, a lovely shade of turquoise blue being extremely attractive



CROCHET COAT BLOUSE.

When worn with a fashionable brown serge skirt. As shown in the picture this blouse can be thrown back or held up

Boys who make Money after School Hours

Over 3000 Boys in various parts of the country are making money in their spare time selling The Saturday Evening Post. Some make as much as \$10.00 and \$15.00 a week. Any boy who reads this can do the same.



IN A DAINTY little booklet, which we will send to any boy free, the most successful of our boy agents tell in their own way just how they have made a success of selling

The Saturday Evening Post

There are many stories of real business tact. Pictures of the boys are given. Send for this booklet and we will forward with it full information how you can begin this work. No money required to start. We will send Ten Copies of the magazine the first week free. Write to-day.

The Curtis Publishing Company  
473 Arch Street, Philadelphia, Pa.

closely, showing off gilt or silver buttons very prettily. This little golf coat is not so troublesome to make nor so expensive as the hand knit sweater, and with a pretty undervest or front it is quite smart looking.

EGG LORE.

"Hot water makes an omelet much more tender than milk," says a cooking school teacher, "and if you want to make one which suits a small family use invariably the rule of one egg to one tablespoonful of liquid.

"In making boiled custard you must be very careful in watching that it does not curdle. It ought to be taken from the fire immediately on beginning to thicken."

FASHIONS' ECHOES.

Every woman carries a bag, either wrist or chatelaine.

White linens will be used for some of the most chic of summer shirt waists.

Black and white checked mohair will be a fashionable fabric for spring tailored suits.

Shirt waists achieve a broad shouldered effect by means of epaulets and shoulder straps.

Tailors are trimming their white cloth frocks with black, white and gold braids artistically mingled, and they are lining the white cloth coats with black satin.

COMFORTING WORDS.

Many a Household Will Find Them So.

To have the pains and aches of a back removed; to be entirely free from annoying, dangerous urinary disorders is enough to make any kidney sufferer grateful. To tell how this great change can be brought about will prove comforting words to hundreds of Journal readers.

Henry Hatcher, real estate dealer and "To speak about the merits of Doan's Kidney Pills in such terms as they deserve I would require expressions having the appearance of extravagance. When a man is annoyed with attacks of lame back and pain across the loins for fully two years he may be certain it arises from some disturbed action of the kidneys. I tried several remedies, all guaranteed to get to the root of kidney trouble and I wore an electric belt, but received little if any permanent assistance. Doan's Kidney Pills helped after a few doses and a continuation of the treatment absolutely stopped the last attack."

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, N. Y., sole agents for the United States. Remember the name—Doan's, and take no substitute.



(Continued from Page 5.)

Bull—Maple Leaf Shadeland 18th, bought by Thompson Bros. of Ballenger for \$310.

Cow—May Queen 139226, bought by J. R. Lewis of Sweetwater for \$160.

Cow—June 139223, bought by J. R. Lewis of Sweetwater for \$170.

Bull—Royal Choice, bought by J. R. Lewis of Sweetwater for \$510.

Bull—Gowauns 130010, bought by J. E. Bogg-Scott of Coleman for \$195.

Cow—Jessie 249008, bought by J. R. Yearwood of Georgetown for \$145.

Cow—Belle Aire 117778, bought by Campbell Russell of Bennett, I. T., for \$260.

Cow—Lotosca 141917, bought by W. G. Lowe of Brownwood for \$165.

Bull—Blue Beard, 140003, bought by Frank Jones of Duncan, I. T., for \$110.

Cow—Agnes Alamo 109543, bought by F. W. Carruthers of Georgetown for \$200.

Bull—Harvey, bought by H. E. Boog-Scott of Coleman for \$65.

Cow—Enoch Arden 156884, bought by F. W. Axtell of Fort Worth for \$125.

Cow—Adelaide Prince 156,884, bought by G. W. Lowe of Brownwood for \$125.

Bull—Harmodius 157278, bought by Price & Keeth of Indian Territory for \$210.

Bull—Constantine 157276, bought by J. E. Boog-Scott of Coleman for \$150.

Bull—Ridicule 68198, bought by Lee Bros. of San Angelo for \$200.

Bull—Dr. Clifton 118123, bought by J. O. Hall of Vinita, I. T., for \$110.

Bull—Sherry 137115, bought by J. O. Hall of Vinita, I. T., for \$140.

Cow—Ida 63536, bought by H. Specht of Iowa Park for \$210.

Bull—Hinton 148778, bought by J. O. New York, March 10.—I is announced.

Hall of Vinita, I. T., for \$140.

Bull—King James, bought by A. C. Aston of Granbury for \$95.

Bull—Dick D., bought by J. B. Cutbirth of Abird for \$125.

Bull—Dongolia 157277, bought by A. G. Hill of Abilene for \$160.

Bull—Tom Ball 137114, bought by Fred W. Turner.

Bull—Aladdin 148772, bought by J. O. Hall of Vinita, I. T., for \$130.

Bull—Edward 157804, bought by O. Tunnely of Decatur for \$55.

Bull—Regulator 2d 157807, bought by J. E. Tucker of Hereford for \$60.

Bull—Cedrick 184774, bought by A. B. Cutbirth of Baird for \$130.

Bull—Gip Wilton 148619, bought by J. R. Lewis of Sweetwater for \$60.

Bull—Reliance 148784, bought by R. L. Gibson of Suggden, I. T., for \$130.

Bull—Wilton Grove 148628, bought by Muckleroy of Terrell for \$280.

Bull—Paul Jones 101629, bought by Lee Bros. of San Angelo for \$130.

There was also a special sale of Short-horns which resulted as follows:

Gypsy Knight—Sold by J. E. Greer of Chicago to G. A. McClung of Cleburne for \$265.

Garibaldi—Sold by J. E. Greer of Chicago to S. P. Clark for \$175.

Second Duke of Twin Oak—Sold by J. C. Washington of Marietta, I. T., to R. H. McNatt of Fort Worth for \$80.

Bull—Bought by A. N. Grant of Weatherford for \$150.

Hobson—Sold by Joe Hager of Hurnville, Tex., to A. N. Grant of Weatherford for \$125.

Willis—Sold by J. C. Washington of Marietta, I. T., to Ed Castleman of Waco for \$65.

Cedarvale King—Sold by J. C. Washington of Marietta, I. T., to Campbell Russell of Bennett, I. T., for \$70.

Jack Scanlan—Sold by J. C. Washington of Marietta, I. T., for \$50.

Third Duke of Twin Oak—Sold by J. C. Washington of Marietta, I. T., to Campbell Russell of Bennett, I. T., for \$60.

Duke of Twin Oak—Sold by J. C. Washington of Marietta, I. T., to R. H. McNatt of Fort Worth for \$65.

**THE RED POLLED SALE.**

The sale of Red Polled cattle commenced at 2 o'clock Saturday afternoon and continued until nearly dark. One bull, El Corey, went under the hammer to V. H. Prim of Prim, Tex., for \$450, and another bull, Chancellor II., bought by Mr. Prim for \$400. The complete list is as follows:

**BULLS.**

Pomeroy—Bought by J. P. Graves of Callahan county for \$90.

Comal Champion—Bought by A. W. Mills of Sonora for \$100.

Bill Way—Bought by G. L. Dupree of Fort Worth for \$55.

Brutus—Bought by S. L. Green of Celeste for \$100.

Caesar—Bought by C. W. Thomas of Prosper for \$75.

Captain Gree—Bought by W. E. Braley of Celeste for \$45.

# Tutt's Pills

will save the dyspeptic from many days of misery, and enable him to eat whatever he wishes. They prevent

**SICK HEADACHE,**

cause the food to assimilate and nourish the body, give keen appetite,

**DEVELOP FLESH**

and solid muscle. Elegantly sugar coated.

Take No Substitute.

Leroy—Bought by W. F. Green of Denton for \$40.

Jonathan—Bought by V. H. Primm of Primm for \$55.

Winchester—Bought by C. W. Mertz of Cleburne for \$40.

Billy—Bought by J. R. Root of Alton, Ill., for \$60.

Teddy—Bought by S. P. Clark of Fort Worth for \$35.

Virg—Bought by C. W. Mertz of Cleburne for \$40.

Address—Bought by J. B. Salyer of Jonah for \$30.

Lex—Bought by L. E. Griffith of Terrell for \$45.

Luke—Bought by J. B. Dendinger of Dallas for \$35.

George McHardy—Bought by J. R. Dendinger of Dallas for \$45.

George McHardy 2d—Bought by J. B. Salyer of Jonah for \$30.

Billie—Bought by S. P. Clark of Fort Worth for \$30.

eGeorge—Bought by C. W. Mertz of Cleburne for \$25.

Maning—Bought by J. E. Chiles of Celeste for \$40.

Leonard—Bought by J. M. Logan of Greenock for \$65.

Brazos—Bought by N. E. Shaw of Forney for \$125.

Ed Carey—Bought by J. M. Stapp of Gabrell Mills for \$450.

Chancellor 2d—Bought by V. H. Prim of Prim, for \$400.

Weyth—Bought by J. M. Logan of Greenock for \$95.

avid Harum—Bought by B. C. Pfluger of Pflugers for \$100.

Bixby—Bought by J. M. Stapp of Gabrell Mills for \$200.

April Fool—Bought by J. R. Dendinger of Dallas for \$75.

Isaac—Bought by J. R. Dendinger of Dallas for \$70.

Bon Bon—Bought by C. W. Mertz of Cleburne for \$80.

**HEIFERS.**

Daisy—Bought by J. E. Chiles of Celeste for \$70.

Butterscotch—Bought by J. P. Graves of Callahan county for \$70.

Cherry—Bought by L. E. Griffith of Terrell for \$70.

Annoy—Bought by L. E. Griffith of Terrell for \$55.

Vera—Bought by B. F. Cummings of Cleburne for \$85.

May—Bought by W. E. Braley of Celeste for \$100.

Duckie—Bought by S. L. Green of Celeste for \$70.

Maud—Bought by W. E. Braley of Celeste for \$60.

Minta 2d—Bought by Campbell Russell of Bennett, I. T., for \$55.

Dollie—Bought by J. B. Root of Alton, Ill., for \$40.

Lady Helen—Bought by Campbell Russell of Bennett, I. T., for \$30.

Athenia—Bought by L. E. Griffith of Terrell for \$100.

Myrtle—Bought by A. W. Mills of Sonora for \$85.

Jane—Bought by L. E. Griffith of Terrell for \$50.

Clemmie—Bought by J. B. Root of Alton, Ill., for \$40.

May Flower—Bought by J. B. Root of Alton, Ill., for \$55.

Glady—Bought by Campbell Russell of Bennett, I. T., for \$35.

Dolly—Bought by L. E. Griffith of Terrell for \$110.

Carnation—Bought by Campbell Russell for \$70.

Annette—Bought by Campbell Russell for \$65.

Consuela—Bought by J. B. Salyer of Jonah for \$55.

Constance—Bought by Campbell Russell for \$50.

Cleopatra—Bought by Campbell Russell for \$50.

Barbara—Bought by J. B. Root of Alton, Ill., for \$60.

Queen Flavia—Bought by J. M. Stapp of Gabrell Mills for \$100.

Romany Rose—Bought by A. W. Mills of Sonora for \$75.

Anise—Bought by A. W. Mills of Sonora for \$95.

Katie—Bought by A. W. Mills for \$85.

Alma—Bought by S. L. Green of Celeste for \$40.

**STOCK YARD NOTES.**

Top hogs, \$7.25 for ordinary stock, \$7.55 for premiums.

W. B. Flato, general manager of the Flato Commission company, arrived in the city from St. Louis.

J. M. Back of Mansfield, Tarrant county, had eighty-five hogs on the market that averaged 210 pounds and sold for \$7.25, Swift buying the lot. They were of Poland China breed and were in good condition.

The buyer for Cudahy's Los Angeles packing house picked up a good lot of hogs. Among others he bought 86 head that were shipped in by Moore & Galt of Winsboro, paying \$7.15. The bunch averaged 184 pounds.

Two notable sales of cattle were scored at the yards Thursday. Nineteen steers, averaging 1063 pounds, sold at \$4.10. They were threes and fours, and had been fed ninety days on meal and hulls. They were graded Durhams and Herefords and were

shipped from Cisco by W. Poindexter, and were among the highest-priced cattle ever weighed on the scales at the new yards. They were bought by Swift & Co. The other sale was fifty-eight yearlings and two-year-old heifers that averaged 767 pounds, and sold for \$3.45. They were good Short-horns, raised and fed by John Pane of Denton.

**MAVERICKS.**

W. Sims of Devils River, sold one section, well and improvements in the Dock Simmons pasture and sixteen head of stock cattle to Henry Delbitsch, for \$1000.

Rat Jowell, who sold his ranch near Hereford a few weeks ago, has bought the Tanehill Brothers' ranch ten miles southeast of Roswell, N. M., for \$10,000. It consists of 480 acres and is well improved.

Dr. John H. Pope and Simon Young of Marshall, Tex., bought 1325 acres of land Saturday from J. H. Calloway, paying something over \$4000 for it. The land lies on the right hand of the Highland Lake road, from the water-works to the six-mile post. This is considered a very large land deal for that section.

L. H. Pruitt, a ranchman near Snyder, tells of the capture of a large lobo wolf which had been preying upon his stock for a year. A few days ago Jack Browning, a cowboy on his place, shot and wounded it. Next morning the animal was traced and roped by Clay Pruitt. It proved to be one of the largest ever seen in that county and during the past year had killed five hundred dollars worth of young stock, calves and goats.

W. M. Doerney, a prominent feeder and shipper of Gilman, Mo., has purchased a ranch of twenty-one sections in one block in Wheeler county, Tex. It is known as the S. R. E. ranch and is improved to some extent. Mr. Doerney will add to these improvements. Instead of a two or three-strand wire fence with posts 40 or 50 feet apart he will have four strands with posts 20 feet apart. He is of the opinion that the majority of the range men overstock their grass, and instead of putting 2000 cattle on his land, as he is told by cattlemen of that section of the country it will accommodate, he will graze 1600. Another thing he is looking after is the water supply and since coming into possession has put up three windmills.

**BULLETIN ON PORK MAKING.**

The Department of Agriculture has issued a farmer's bulletin in which an instructive set of experiments are noted on hog feeding for pork. From those tests the conclusion is drawn that one great controlling factor in the quality of pork of finished pigs lies in the character of the food employed. Indian corn and beans tend to softness, i. e., to increase the percentage of oil in the fat. If these grains are used they must be fed judiciously if first-class, firm pork is to be produced. If fed in conjunction with skim milk, it has been shown that a considerable proportion of Indian corn may be used in the grain ration without injuring the quality of the pork.

A grain ration, consisting of a mixture of oats, peas and barley in equal parts give as firm pork of excellent quality.

Skim milk not only tends to thriftiness and rapid growth, but counteracts in a very marked manner any tendency to softness.

Rape, pumpkins, artichokes, sugar, beets, turnips and mangels can be fed in conjunction with a good ration without injuring the quality of the pork.

The fat of very young pigs and animals of unthrifty growth is softer than that of finished pigs that have increased steadily to the finishing weight.

**\$500 REWARD**

Will be paid for any case of syphilis, gleet, stricture, lost manhood, nervous debility, seminal losses, weak, shrunken 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. Address DR. E. A. HOLLAND, 1019 Congress st., Houston, Tex.

**YOUNG MAN, Y GET BUS**

If you have a team and can give bond we'll give you credit and start you in a business of your own, selling our standard household remedies. No experience required. Oldest, largest and best company of the kind in the world. Write to-day for exclusive territory. 300 can vassers now at work—all satisfied. Established 1883. Capital Stock, \$500,000. THE J. R. WATKINS COMPANY, 96 Liberty St., Winona, Minn.



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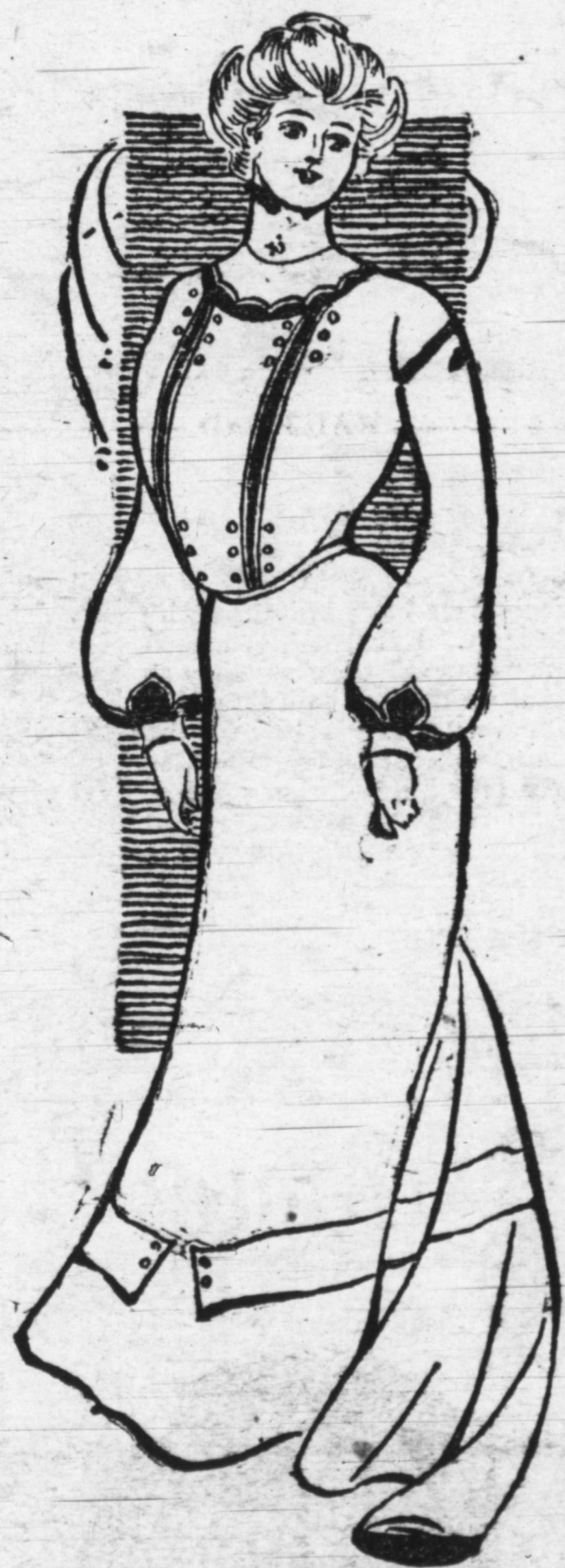


**SIMPLE FASHIONS**

The sketch of a simple house gown may be suggestive to the home dress-maker or to any one who, weary of furbelows, wants a gown trim, trig, fit for the business of living and quite as "smart" as many more pretentious models. For a really chic garment one must have a cut of firm, strong lines minus all those wearisome minor details which only blur the clear picture that a well-gowned woman presents. The imported model shown has the advantage of this clear cut and easily obtained effect. It has the hall mark of latest style in the added piece laid on about twelve inches from the hem. Below the round yoked bodice a central box plait lies on a simulated under-bodice of velvet. Another note of distinction is struck in the sleeves, which are skillfully goared at the wrist and set into shaped pieces of velvet. A tiny "Jesuit" collar of velvet gives a pretty finishing touch to this plain cloth neck-band. Fine cloth, cashmere or any light but fairly firm material will carry out this design well.

The skirt is a five piece one cut to flow out at the hem and to fit the hips and waist without darts, and the shaped piece is best cut from the selvage, with the material opened at its full width.

That ever new question, the shape of the fashionable skirt, is not a safe subject for positive assertions, but many indications point to shorter and fuller skirts in the future. Round band trimmings and plaits are already much in evidence. According to Paris fashion authorities, "short skirts will remain in vogue for morning wear, having quite short basqued or blouse



A SIMPLE HOUSE GOWN.

shaped corsages, while long, voluminous folds mark the gown for visiting or driving."

Mastic, beige, petunia and gray will be favored tones for the demiseason gown to be worn with the new sack mantle wrap carried out in a similar material. Mauve is a color that promises to become a rival to the popular greens and grays. The shirt waist costume bids fair to be as much in favor as ever, not only in "tubbing" materials, but in soft silks and thin woolens.

ELSIE BEE.

**IN THE HOME.**

Home should be an oratorio of the memory, singing to all our after life melodies and harmonies of old remembered joy.—Henry Ward Beecher.

It cannot be denied that consciously or unconsciously we absorb into our nature the beauty or ugliness of the outside objects with which we daily come in contact, and that in process of

time the impression seeks an outlet by way of our features or words or actions. The result is scarcely surprising if we give the question a moment's thought.

Order and punctuality are two great rules to which every well ordered household must of necessity submit. They are of inestimable benefit in oiling the wheels of life, preventing as they do the worry incurred by loss of time, which brings in its train wrinkles to the brow and harsh words to the lips, even if it be fortunate enough to bring nothing else.

The arrangement of furniture, china, books, etc., should be regarded from an ethical point of view as well as from the artistic one. Like the golden sunlight, artistic, cheerful surroundings stimulate the mind besides pleasing the eye. For instance, a wall paper of softest yellow involuntarily sheds its comforting glow on the mind, while one of a deep gray or dingy brown hue depresses the spectator. Human nature craves light and warmth, though the expression of its desire may be subject to a variety of tints and degrees. Crowded rooms seem to cramp minds as well as limbs, and unmeaningly somber apartments would fain draw over our eyes that blue veil ever ready to fall as the years silently advance.

The good order of a house is like contentment on a placid face, but fairy fingers are required to endue it with the beauty of attractiveness. It is not given to every one to realize the truth of these two facts, judging from the many homes in which one is struck by the dust of neglect, the uncomfortable arrangements or inartistic colorings. As we gaze we pity the inmates who are so unmerciful to their own minds.

It should be remembered as an important item in the decoration of the abode that cleanliness, purity and love, embodied in the fragile forms of flowers, visibly wait a message from the paradisaical home of our first parents. The rooms are filled with beauty and sweetness as they "pour out their souls in odors." A woman in a well appointed home has a much more attractive personality than a woman who takes no care of the province chosen of all others to be the setting of the jewel that may lose its own luster through the dimness of its background.

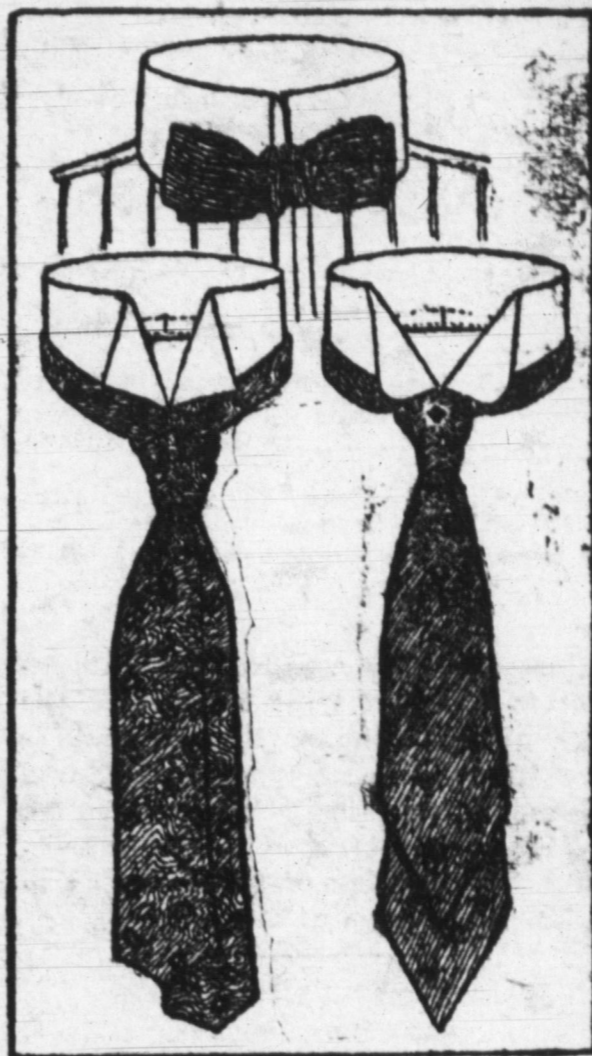
It is not necessary to go to unjustifiable expense by procuring the softest carpets, the richest hangings or "priceless" pictures in order to have a bower of delight. There must be, however, on the other side, an artistic eye, a skillful hand, an observing mind and a due appreciation of the beautiful.

Poverty and ill health are naturally great deterrents to the energies of women who, imbued from their girlhood's days with the love of daintiness, desire their homes to resemble their early ideals. They feel at times that they cannot strive and contend with fate against that which is even repellent and sordid. So many cares have arisen that all the charms that were never to be lost have been merged into the up bringing of a numerous family and the down bringing of the weekly accounts. Yet if courage for the effort can be summoned the achievement helps to restore the strength to

wearied limbs and the light to anxious eyes.—Leslie Desmond.

**NECKWEAR FOR MEN.**

The illustrations show two shapes of ties now in fashion and styles of smart collars, attention being directed to that on the flannel shirt, which is a round cornered, low turndown of good cut. The four-in-hand on the round pointed wing collar is of a pretty purple silk, with a figure in two shades of darker



FASHIONABLE TIES AND COLLARS.

purple and small-dot of white. This tie broadens gradually toward the ends and is tied in a fairly tight knot, while the four-in-hand shown on the sharp pointed wing collar, which is of a figured gray silk, is the same width at the ends as above, though of course narrower around the collar, and is tied in a somewhat larger and more bulky knot. The bow tie of dark blue silk, with simple white dot triangular figure, illustrates how completely fashion has forsaken the old bat wing and butterfly shapes and the pointed end in vogue for so long. The collar on which it is tied is one of the best cuts for a bow, having a narrow opening and straight lines from the top of the band down.—"How" in Vogue.

**USEFUL ASBESTOS.**

Nearly all housekeepers have several tin edged asbestos mats which are designed purposely for use on the range beneath saucepans and other cooking utensils; but perhaps there are many people who do not realize to how many other uses in the household asbestos may be subjected. It comes in sheets a yard or more in width and of any desired length. When bought by the quantity, it is very cheap—so cheap that 10 cents will buy several square feet of the material, which may be easily cut to fit the place it is needed to fill.

In place of the ready made pads for protecting polished tables a strip of asbestos bought by the yard and cut the proper length makes a good covering. When no lining or pad is used on a ta-

**HOMESEEKERS WESTWARD**



**\$25 DAILY TO..... CALIFORNIA**

Commencing February 15. Connection with Tourist Cars. Grandest Scenery.

Leave Fort Worth 8:30 p. m. On the Handsomest Train from Texas.

DIRECT LINE TO

**CHICAGO, KANSAS CITY, OMAHA, DENVER, DES MOINES, WHICHITA, LINCOLN, ST. PAUL, AND MINNEAPOLIS.**

Best Meals on Wheels.

**W. H. FIRTH, G. P. & T. A.,**  
Fort Worth, Texas.

ble, a small square of the material placed beneath the cloth where the coffee-pot and teapot stand will save the table from white marks that a tile is usually unable to prevent.

All doilies used on a polished table without a cloth should have inner linings, so that an asbestos mat can be slipped in between.

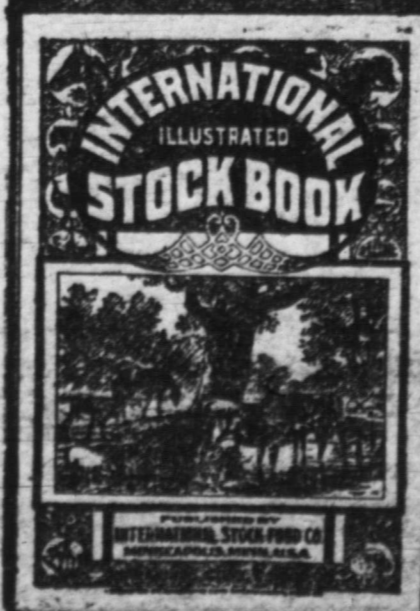
A square of asbestos kept for a rest and also to rub off the flatiron when in use prevents all scorching of the ironing sheet. When the range or any other heating apparatus comes too close to the wall and there is danger from fire, a strip of the material placed between will remove all cause of anxiety. In houses without hot and cold water fixtures it is a good plan to slip a piece beneath the washstand cover for the hot water pitcher.—Table Talk.

**POINTERS FOR THE COOK.**

- Rub tough meat with a cut lemon.
- Use bacon fat for frying chickens on game.
- Try dipping sliced onions in milk before frying.
- Sharpen all kinds of fish sauce with lemon juice.
- Grape juice gives a delicious flavoring to mince pies.
- Bean soup is much improved by adding a little mace just before serving.
- Chocolate is greatly improved by adding a teaspoon of strong coffee just before serving.
- To improve sweetbreads and give a fine flavor soak them in a mild lemon juice water one hour, then boil in beef stock twenty minutes.

**\$100 CASH PRIZE FOR ANY STUDENT OF AN AGRICULTURAL COLLEGE OR FARMER**

We hereby offer \$100 in cash for the best article to be written on breeding and raising Hogs. Describe ten sows that you would select for breeding. Describe boar that you would select for a cross with these sows. Describe how and what kind of grain, grains or mill stuffs you would feed sows until pigs were farrowed. Tell how many pigs you would expect from the ten sows and describe how and what you would feed sows after pigs were farrowed. State when and what you would commence feeding pigs and what you would use. State when you would wean pigs and what kind of food you would feed them from that time until they were six months old and what you would expect to have them weigh at the expiration of six months. State why you would expect such results from your care and kind of feed used. Describe kind of pens and yards you would use for each condition. Our aim is to have you write an article describing in a practical way just how you would raise hogs to obtain the best results. The breed of hogs selected will not be considered in the decision. The use of "INTERNATIONAL STOCK FOOD" will not be considered in the decision. The decision will be published in every leading Farm Paper in the United States and Canada. Mail your article to The American Swineherd, Chicago, Ill., on or before May 10th, 1903. The judges will be J. W. Bayne, editor and proprietor of American Swineherd, Prof. Thomas Shaw of The Farmer, St. Paul, Minn., and Henry Wallace, editor of Wallace's Farmer, Des Moines, Iowa. These gentlemen are well known throughout the entire country and the decision will be rendered in May, 1903. The winning article is to be our property and will be circulated throughout the world and will attract universal attention of all swine raisers. Who will win the \$100 Cash and the Honor and at the same time write an article that will be of great practical value to every stockman? Try for it. You may be the winner. All articles must be mailed to The American Swineherd, Chicago, Ill., on or before May 10th, 1903. Mark your envelope "International Stock Food" Offer.



**A \$3000.00 STOCK BOOK FREE**

IT CONTAINS 183 LARGE ENGRAVINGS OF HORSES, CATTLE, SHEEP, POULTRY, ETC.

The Cover of this Book is a Beautiful Live Stock Picture—Printed in Six Brilliant Colors. Book is 8 1/4 by 9 1/4. See engraving for greatly reduced design of cover. It cost us \$3000 to have our Artists and Engravers make these life Engravings. This Book contains a Finely Illustrated Veterinary Department that will Save You Hundreds of Dollars. It describes common Diseases, and tells how to treat them. It also gives Description, History and Illustrations of the Different Breeds of Horses, Cattle, Sheep, Goats, Hogs and Poultry. It contains testimonials and Life Engravings of many very noted Animals. The Editor of This Paper Will Tell You That You Ought to Have This Book in Your Library for Reference.

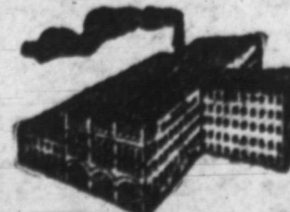
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**BEST BREEDS FOR ONE CENT** ENTIRELY AT OUR RISK



## BUSINESS BRIEFS.

The passenger department of the Southern Sunset Route announces a special low one-way colonist rate of \$25.00 from all main line points to California. Tickets on sale February 15 to June 15, inclusive, and it is probable that an unusual number will take advantage of this exceptionally low rate to visit the Golden State. Tickets are good for continuous passage, though in California stop-overs will be allowed at all Southern Pacific stations, while special rates have been made to various points within California.

Especially fine equipment will be provided, and the Pullman Excursion Sleeping Car arrangements which have been perfected assures the traveler every comfort. In addition there will be operated free reclining chair cars and comfortable day coaches. The nearest agent can supply all information desired as to rates, etc., or this may be obtained by writing to S. F. B. Morse, passenger traffic manager; M. L. Robbins, G. P. & T. A., or T. J. Anderson, A. G. P. A. & T. A., Houston, Texas.

The passenger department of the Houston and Texas Central Railroad announces a special low one-way colonist rate of \$25.00 from all main line points to California. Tickets on sale February 15 to June 15, inclusive, and it is probable that an unusual number will take advantage of this exceptionally low rate to visit the Golden State. Tickets are good for continuous passage, though in California stop-overs will be allowed at all Southern Pacific stations, while special rates have been made to various points within California.

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**A CURE FOR THE TOBACCO HABIT.**  
Mrs. M. Hall, No. 5028 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 inclosing stamped envelope.

### "OKLAHOMA, LAND OF PROMISE."

The above is the title of a handsomely illustrated booklet issued by the passenger department of the Rock Island System, giving also a write-up of many towns that offer special inducements for parties desiring to make good investments in progressive communities.

The book will be mailed free on application to the undersigned. Send a two-cent stamp for postage only.

W. H. FIRTH,  
G. P. A., Fort Worth, Texas.

For the purpose of demonstrating what may be done in the way of horse breeding in the Southwest the International Stock Food company of Minneapolis has established in Minnesota a farm for that purpose. In the pasture at present there are about 100 head of horses, headed by the three great stallions, Dan Patch, 1:59 1-5; Directum, 2:05 1/4, and Roy Wilkes, 2:06 1/4. If successful, the International company will have accomplished inestimable good to the livestock interests of the state.

"The Pasteur Vaccine Co. have just moved their headquarters to more commodious and convenient premises at 219 Randolph St., Chicago. They occupy the whole building, and it is located in the center of the drug business. The Pasteur Vaccine Co. is very well known to all stock-owners who have had any trouble with Anthrax or Blackleg, as they introduced the vaccines for these diseases into this country in the early part of 1895. The extent and success with which the Pasteur Vaccines have been employed

are too well known to need comment. It will be interesting to note that up to the end of 1902 about forty-five millions of animals have been vaccinated with the original vaccines. This is a wonderful showing, and speaks volumes for the success of the Pasteur Company's remedies."

The Alto Vista Creamery Company of Fort Worth, Texas, advertises this week for 1000 gallons of milk to be furnished every day. Col. Neil P. Anderson is the owner of this industry and he says that he will pay a high price for the milk. His demand for it and his butter is greater than he can supply. Why will not the farmers who can furnish milk communicate with him at once? Now that the warm days are approaching Mr. Anderson says that his demand for ice cream and milk will be greatly increased and he must have the milk. Write him for further information.

### PACKERS LOSE IN A SUIT.

A Chicago dispatch says that the packers have decided to stand by their demurrer to the allegations made against them by the Federal government in the beef trust suit, when the cases against the combined packers were begun several months ago, and will appeal from the decision overruling it. This alternative was chosen in preference to a hearing of testimony as to the inner workings of the combine.

### TEMPLE OF AGRICULTURE.

The contract for erection of the agricultural building at the Louisiana Purchase exposition in St. Louis has been let for \$529,940. This mammoth structure will be 500x1600 feet in size, 15 per cent larger than any other building at the fair. Nearly twenty acres of floor space will be available.

The plans for this building have been prepared under the immediate supervis-

ion of Mr. Isaac S. Taylor, director of works of the exposition, by Mr. E. L. Masqueray, chief of design.

The building is probably the best lighted on the grounds. Its fronts are practically successive series of windows each seventy-five feet long and twenty-seven feet high. These windows are placed fourteen feet from the floor so as to allow the use of the wall space inside for exhibits. Triangular monitor windows supply sky light, while they cut off the direct sun light, which would quickly spoil many of the exhibits in this building.

The grand nave, 106 feet wide, which runs through the 1600-foot length of the building, rises to a height of sixty feet, and supplies the grandest vista of installation space of any building ever designed for exposition uses.

The contract calls for completion by Sept. 1, thus leaving ample time for the most elaborate installation.

### A TERRITORIAL FAIR.

The Southwestern Fair and Livestock association was formed in Muscogee, I. T., early last week and there will be a fair held there next fall. W. T. Hutchings was elected president of the association, and O. W. Gulick, secretary. The company is incorporated and capitalized at \$25,000. It is proposed to make this a territorial fair, and prominent stockmen all over the territory will be interested in the enterprise. The stock has all been sold and work will begin at once on a site. It is proposed to make one of the finest race tracks in the Southwest.

### NEBRASKA FARMERS' COMBINE.

A state organization of the Nebraska Grain and Livestock association was effected at a meeting held in Lincoln, Neb., recently. The association will incorporate immediately with a capital stock of \$500,000.

The organization is the result of two



FOR ONE DOLLAR WITH ORDER WE SHIP BICYCLES TO ANY ADDRESS SUBJECT TO APPROVAL.  
Buy Our New Improved High Grade 1893 Model Gents' Newton Bicycle.  
All styles and makes at ASTONISHINGLY LOW PRICES. For the most wonderful bicycle offer ever made, lowest prices known and FREE TRIAL OFFER. Write for Free Bicycle Catalogue. Address, SEARS, ROEBUCK & CO., CHICAGO.

meetings held last month, and the ultimate plan is to have the farmers control in their entirety the grain-buying and cattle-shipping industry of the state. Elevators will be built wherever feasible, and stockyards established.

The officers of the state association are: J. S. Cassidy, president, Minden; James M. Armstrong, vice-president, Auburn; John Reese, secretary, Broken Bow; O. G. Smith, treasurer, Kearney. Lincoln is the headquarters of the association.

### FAVOR TABULATED PEDIGREES.

At a recent meeting of the Central Shorthorn Breeders' association in Lincoln, Neb., the members went on record in favor of tabulated pedigrees. The following resolution was adopted:

"Resolved, that the Central Shorthorn Breeders' Association request the executive committee of the American Shorthorn Breeders' Association to direct their secretary to write all certified pedigrees in tabulated form, to include four crosses or thirty immediate ancestors. And this Central Association commends this method of writing all pedigrees in transfer of ownership."

## Beware of our imitators!

We are the only distillers in this country selling direct to consumers. Like every success, we have imitators who "claim" to be distillers. They are not distillers and have no connection with a distillery. For proof, you need not take our word. Just see government reports. They are simply dealers, and can "doctor" their whiskey as much as they like and call it any age, for unfortunately the government does not control dealers as it does distillers. Now, these dealers are in business for profit, so when they offer eight to twelve-year-old whiskey for the same or less money than we, as distillers, can sell seven-year-old, the inference is plain. Their whiskey is not the age they claim and is adulterated and watered. The cheaper they sell, the more water and adulteration you get. Beware of imitators. If you want honest whiskey, direct from our own distillery to you, with all its original strength, richness and flavor, carrying a UNITED STATES REGISTERED DISTILLER'S GUARANTEE of PURITY and AGE and saving the dealers' enormous profits, then accept our offer, which is backed by a company with a capital of \$500,000.00 paid in full, and the proud reputation of thirty-six years of continuous success. We have over a quarter of a million satisfied customers. Your money back if you're not satisfied.

Direct from our distillery to YOU  
Saves dealers' profits. Prevents adulteration.



# HAYNER WHISKEY

PURE SEVEN-YEAR-OLD RYE

4 FULL QUARTS \$3.20  
EXPRESS CHARGES PAID BY US



**OUR OFFER** We will send you FOUR FULL QUART BOTTLES of HAYNER'S SEVEN-YEAR-OLD RYE for \$3.20, and we will pay the express charges. Try it and if you don't find it all right and as good as you ever used or can buy from anybody else at any price, then send it back at our expense and your \$3.20 will be returned to you by next mail. How could an offer be fairer? We take all the risk and stand all the expense if you are not satisfied. Won't you let us send you a trial order? We ship in a plain sealed case; no marks to show what's inside.

Orders for Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington or Wyoming must be on the basis of 4 Quarts for \$4.00 by Express Prepaid, or 20 Quarts for \$16.00 by Freight Prepaid.

**SPECIAL NOTICE**—A HAYNER QUART is a full quart, an honest quart, four to the gallon. The so-called "quarts" of other high-grade whiskeys require five to the gallon. We give full measure, 20 per cent more than others, reducing our price just that much. If you don't want 4 quarts yourself, get a friend to join you.

Write our nearest office and do it NOW.

ESTABLISHED  
1896

THE HAYNER DISTILLING COMPANY

DISTILLERY  
TROY, O.

66 ST. LOUIS, MO.

DAYTON, OHIO

ST. PAUL, MINN.



**MARKETS**

**FORT WORTH.**

Fort Worth, Tex., March 9.—There were liberal receipts at the yards to-day and the cattle market closed 10@20c higher and very strong. A good bunch of 1121-pound steers were sold for \$4.25. The top price was \$4.50 for a 1310-pound steers. The demand was far in excess of the supply. The hog market was strong with a 10c advance. Top price to-day was \$7.35 for fifty-six head, averaging 213 pounds. Comparative receipts:

	Cattle.	Hogs.
To-day .....	700	740
Same day last week .....	1207	278

This shows a decrease of 507 cattle and an increase of 462 head of hogs. The hog market opened with a good run in the pens. The demand was far in excess of supply and the packers are crying for hogs and are willing to pay top prices for good hogs. The quality was a little better and the pens were well cleared up by noon. The following were the representative sales made to-day:

Hogs—Forty-two head, averaging 238 pounds, \$7.25; 48, 143 pounds, \$6.50; 69, 212 pounds, \$7.32½; 68, 212 pounds, \$7.27½; 4, 277 pounds, \$7; 46, 241 pounds, \$7.27½; 56, 213 pounds, \$7.35; 38, 433 pounds, \$6.25.

The cattle market opened up very strong this morning with a 10@20c advance and a good demand. The general quality was better and the bulk of the receipts were medium for steers. Competition was strong to-day and the bidding lively. California buyers are here on the market for all the good steers and a great number were bought for the trade. The market on cows was strong and tops brought \$2.70. The following were the representative sales:

Steers—Twenty head, averaging 655 pounds, \$2.75; 24, 1133 pounds, \$4.25; 24, 1117 pounds, \$4.25; 24, 1090 pounds, \$4.25; 24, 1143 pounds, \$4.25; 25, 969 pounds, \$4; 24, 975 pounds, \$3.70; 1, 1310 pounds, \$4.50; 25, 944 pounds, \$3.75; 25, 958 pounds, \$3.75; 25, 964 pounds, \$3.75; 25, 954 pounds, \$3.75. Cows—Sixty head, 728 pounds, \$2.70; 60, 756 pounds, \$2.70; 60, 738 pounds, \$2.70; 61, 739 pounds, \$2.70; 30, 931 pounds, \$2.50; 12, 608 pounds, \$2.35; 11, 711 pounds, \$2.35. Bulls—Nine head, 1073 pounds, \$2.75; 1, 1270 pounds, \$2.50; 1, 970 pounds, \$1.75. Shippers and calves—One, 250 pounds, \$3.50; 5, 174 pounds, \$3.00; 15, 298 pounds, \$2.25; 7 heifers, 497 pounds, \$3.90; 4 heifers, 650 pounds, \$3.90.

**Fort Worth, Tex., March 7.—**

Cattle receipts have been liberal all this week, and prices ruled 10 to 25 cents higher on all best grades, while the medium grades were steady to strong at last week's quotations. Hog receipts have been heavier this week, on account of the annual Fat Stock show held here, and prices advanced 15 to 35 cents over last week's sales. Some premium hogs sold as high as \$7.65, which shows our packers are willing to pay good prices for good hogs, and this should encourage the people of Texas to take an interest in raising the best breeds in order to realize the best prices for them. Swift & Armour had their formal opening here Friday, and from now on will require more cattle, sheep and hogs in order to run their full capacity. There is a good demand here for good fat sheep, 75 pounds and up, for which they are paying from \$3.50@4.50. We would advise shipment of anything good and will give same our strict personal attention.

GEO. W. SAUNDERS COM. CO.

**ST. JOSEPH.**

South St. Joseph, Mo., March 7. Although there was a good advance in beef steer prices the previous week, receipts this week at South St. Joseph, as well as at other points, showed a reduction with the last several weeks, which indicates that the country has confidence in the market and will hold their unfinished cattle back in the feed lots. The demand this week was good for the greater part and prices advanced 10@15c. Missouri beeves topped the market at \$5.35. Cows and heifers continue in light proportion and the demand strong all along the line, under which conditions values made another gain

of 15@25c. Stockers and feeders were in moderate supply and the movement to the country free, with prices advancing 25c for the good kinds, while common offerings sold slowly at unimproved prices.

While supplies of hogs at South St. Joseph have been liberal as compared with competitive points, yet the packers were not able to secure all they needed, which resulted in prices showing a good advance for the week. The quality was good and weights were heavier than last week's average. Prices ranged from \$7.00@7.35 with the bulk selling at \$7.05@7.25. The pig market ruled active on each day and the demand good, with the common and choice grades selling at a range of from \$5.50@6.60.

The severe break in prices of last week at all points checked receipts this week. The demand was good and prices gained a good share of the loss recorded the previous week. Kansas, Nebraska, Colorado and Missouri were the main contributors. Native lambs topped the market at \$7.00 and Colorados sold up to \$6.90. Colorado yearlings brought \$6.25, native wethers \$5.50, and native ewes \$5.25.

**ST. LOUIS.**

National Stock Yards, Ill., March 6. The market to-day compared with same day last week is fully steady. This week's trading on steers, cows and calves has been a most satisfactory one for both buyer and seller. At no time during the past week would anything in the steer or she stuff class have brought any more or less one day than another.

Owing to the heavy runs of medium to good bulls, the bull market has suffered slightly, probably a decline of 10 cents.

There is a shortage of good quality fat calves.

BARSE LIVE STOCK COMMISSION CO.

St. Louis, Mo., March 9.—Cattle receipts 4000, including 3000 Texans. Market slow, lower; native shipping and export steers \$4.20@5.20, with strictly fancy up to \$5.75; dressed beef and butcher steers \$3.75@5.00, steers under 1000 pounds \$3.50@4.25, stockers and feeders \$2.55@4.45, cows and heifers \$2.25@4.50, canners \$2.25@3.00, bulls \$2.50@3.75, calves \$3.50@6.50, Texas and Indian steers \$3.50@4.60, cows and heifers \$2.20@3.25. Hog receipts 3000. Market steady to firm; pigs and lights \$6.50@7.00, packers \$7.00@7.35, butchers \$7.25@7.50. Sheep receipts 500. Market strong; native muttons \$3.50@5.50, lambs \$5.00@7.50, culls and bucks \$2.00@4.50, stockers \$1.50@3.00, Texans \$3.70@4.50.

**KANSAS CITY.**

Kansas City, Mo., March 9.—Cattle receipts 6500 natives, 1000 Texans, 200 calves, mostly natives. Weak to 15c lower; choice export and dressed beef steers \$4.50@5.30, fair to good \$3.75@4.45, stockers and feeders \$2.50@4.70, Western fed steers \$2.80@5.00, Texas and Indian \$2.85@4.50, Texas cows \$2.00@3.00, native cows \$1.50@3.85, native heifers \$2.85@4.40, canners \$1.00@2.25, bulls \$2.50@3.65, calves \$2.75@6.50. Hog receipts 3200. Market strong; heavy \$7.20@7.40, light \$6.85@7.10, pigs \$5.35@6.60. Sheep receipts 6600. Market steady; native lambs \$4.00@6.55, Western lambs \$4.50@6.90, fed ewes \$3.00@6.00, native wethers \$2.75@5.75, Western wethers



GEO. T. REYNOLDS  
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We are in the market for all conservative Feed Lot or Steer Loans offered. We hold the record of handling the largest volume of business on this market. We hold the Record of selling the highest priced car of steers, the highest priced car of cows & highest priced cars of hogs that ever went over the scales on this market.

MARKET REPORTS FREE ON APPLICATION.

\$3.60@6.70, stockers and feeders \$2.50@3.80.

**CHICAGO.**

Chicago, Ill., March 9.—Cattle receipts 30,000. Market 10@15c lower; good to prime steers, \$5.00@5.75; poor to medium \$3.50@4.75, stockers and feeders \$2.75@4.75; cows, \$1.50@4.50; heifers, \$2.25@4.75; canners, \$1.40@2.60; bulls, \$2.25@4.25; calves, \$3.50@6.50; Texas fed steers, \$3.75@4.50. Hog receipts, 36,000. Market strong to 5c higher; good to choice heavy, \$7.45@7.60; light, \$6.70@7.25; bulk of sales, \$7.15@7.40. Sheep receipts, 20,000. Market steady; good to choice wethers, \$5.00@5.65; fair to choice mixed, \$4.00@4.75; Western sheep, \$4.75@5.65; native lambs, \$5.00@7.00; Western lambs, \$5.00@7.15.

**DALLAS.**

Dallas, Tex., March 9.—The receipts at the Dallas Union Stockyards continue light, with all kinds of butcher stuff in strong demand. Hogs and sheep are especially wanted, and will sell at top prices. Prices are unchanged as follows: Finished hogs \$6.90@7.15, mixed packers \$6.50@6.90, light fat hogs \$5.75@6.50, choice steers \$3.50@4.00; good fat steers, around 900 pounds, \$3.00@3.50, good to choice cows \$2.50@3.25, medium cows and heifers \$2.25@2.50, bulls and stags \$1.50@2.25, choice muttons \$4.00@4.25.

**COTTON MARKET. GALVESTON SPOTS.**

Galveston, Tex., March 9.—Spot cotton nominal and unchanged. Low middling 7½, ordinary 8¼, good ordinary 8¾ low middling 9¾, middling 10, good-middling 10½, middling fair 10¾.

**HOUSTON SPOTS.**

Houston, Tex., March 9.—Spot cotton easy and ¼c down. Ordinary 8¾, good ordinary 8¾, low middling 9¾, middling 9¾, good middling 10¾, middling fair 10¾.

**NEW ORLEANS SPOTS.**

New Orleans, La., March 9.—Spot cotton steady and 1-16c down. Sales 1700 bales spot and 400 to arrive. The closing prices: Ordinary 8 1-16, good

ordinary 8 9-16, low middling 9, middling 9 9-16, good middling 10, middling fair 10 11-16.

**LIVERPOOL SPOTS.**

Liverpool, March 9.—Spot cotton quiet and 2 points down; business moderate. Sales 10,000 bales, of which \$200 were American and 500 went to exporters and speculators; imports 8000, of which 5500 were American. The closing prices: Ordinary 4.84, good ordinary 4.96, low middling 5.08, middling 5.20, good middling 5.36, middling fair 5.74.

**Editor The Journal:**

Dear Sir—I have sold my ranch and stock farm at Greenock, Tex., to Mr. George Dorman of Louisiana; consideration, \$11,000. This does not include my bunch of high grade stock cattle, which I will hold on ranch until spring, and may then offer them for sale.

Please find enclosed \$1. Keep the Journal coming; can't do without it. Please change address from M. P. Feris, Greenock, Tex., to my present address, M. P. FERIS, 613 Herring Ave., Waco, Tex.

THE GREAT EAST AND WEST LINE SERVES Louisiana and Texas.

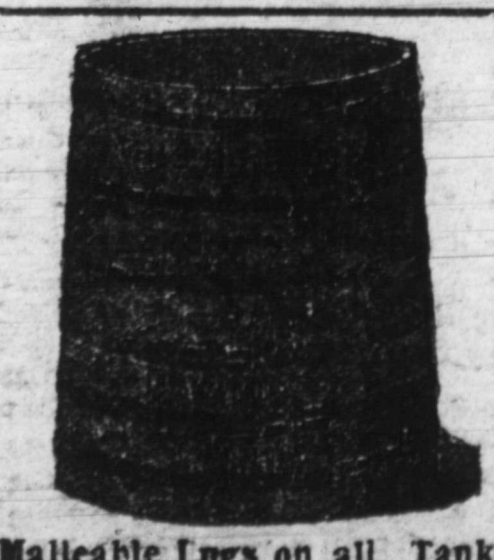


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**THE EL PASO CONVENTION.**

Stockmen from all over the state are assembled at El Paso, where the annual convention of the Texas Cattle Raisers' association opened to-day. The session is to continue until next Friday. Representative citizens of the "gate city" have subscribed a liberal sum for the entertainment of the visitors. In connection with the big meeting an exhibit of over three hundred fat cattle, illustrative of the best efforts of the members, is being held. This is a representative show, demonstrating the phenomenal development of the industry from the "long horn" phase of a decade ago to the present preponderance of blooded stock in the pastures of all progressive breeders. Attractive prizes are offered for the champions in the various classes.

One of the most important matters to be brought before the convention will be the election of a general manager to succeed the late J. C. Loving, who would, in all probability, have again been chosen but for his untimely death. It is the general expression that Capt. John T. Lytle of San Antonio will be selected. W. W. Turney of El Paso will in all probability be elected president.

It is believed that the actual number of sales consummated during the big meeting will be small. There has been a growing idea that other times and places were better suited to the carrying out of these transactions.

Prospective buyers are wont to set up the claim that owners are demanding abnormally high prices, and lack of agreement on this score restricts trading.

Following is an outline of the pro-



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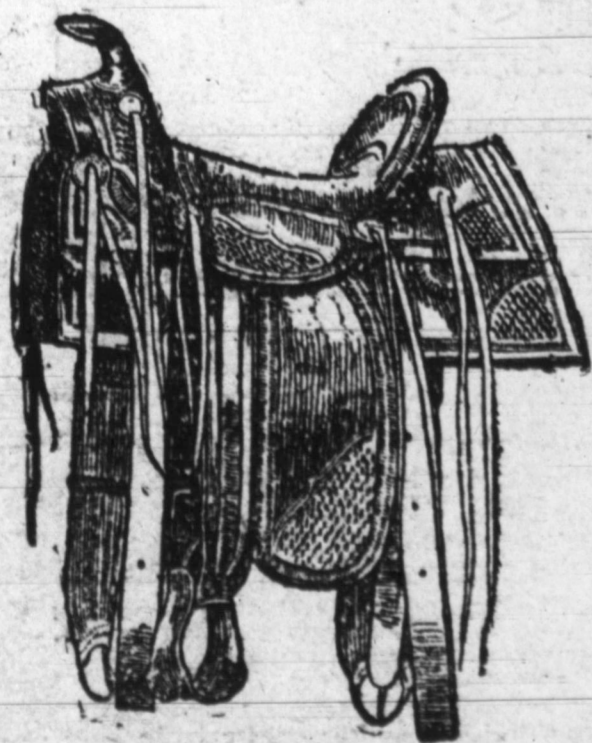
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**"RANCH KING" BRAND**  
Manufactured and guaranteed by  
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DALLAS, TEXAS.  
Catalogue and other watch for free.

gram of entertainments, as formulated by the citizens' committee of El Paso:

First day—Band concert in plaza, 9 a. m.; convention of the Cattlemen's association at Myar opera house, 10 a. m.; grand roping contest at Washington park, 10 a. m.; band concert, 10 a. m., at the corner of El Paso and Overland streets; El Paso cattle exhibit, 9 a. m. to 10 a. m., admission free; band concert in plaza, 2 p. m.; races at Washington park, 2 p. m.; band concert in plaza, 7:30 p. m.; Myar opera house and "Hearts of Maryland," 8:15 p. m.

Second day—Band concert in plaza, 9:30 a. m.; convention of Cattle Raisers' association at Myar opera house, 10 a. m.; grand roping contests at Washington park, 10 a. m.; band concert, 9 a. m.; band concert in plaza, 2 p. m.; races at Washington park, 2 p. m.; grand bull fight on Mexican soil, Juarez, 4 p. m.

Third day—Band concert in plaza, 9 a. m.; El Paso cattle exhibit, 9:30 a. m. to 10 p. m.; grand roping contest at Washington park, 10 a. m.; band concert, El Paso and Overland streets, 10 a. m.; cattle exhibit matinee, 3 p. m.; band concert in plaza, 5 p. m.; grand ball to visitors and members of Cattle Raisers' association at Hotel Sheldon, 9 p. m.

Fourth day—Band concert in plaza, 9 a. m.; cattle exhibit, 9:30 a. m. to 10:30 p. m.; grand roping contest at Washington park, 10 a. m.; band concert in plaza, 2 p. m.; races at Washington park, 2 p. m.; bull fights in Juarez, 4 p. m.; band concert, Overland and El Paso streets, 5 p. m.; band concert in plaza, 7:30 p. m.

In addition to the above, a big livestock parade has been arranged.

Fort Worth is represented at the convention by a committee of the board of trade, composed of Paul Waples, chairman; Marjori Sansom, S. B. Burnett, W. E. Connell, A. J. Long, G. E. Bennett, H. M. Durrett, Hyde Jennings, R. H. McNatt, Jake Washer, N. Harding, A. J. Roe, J. W. Spencer, H. C. Edrington, W. G. Turner, W. B. Harrison, J. Z. Wheat, O. W. Matthews, W. G. Newby, W. H. Smith, O. Langlet, J. E. Weedon, V. S. Wardlaw, S. Harrison, W. C. Gowning, B. B. Paddock, George T. Reynolds, D. J. Simpson, A. F. Crowley, J. B. Googins, E. G. Rall, Sam Davidson and E. W. Tempel.

These gentlemen will put forth an untiring effort to secure the meeting for the packing center of the state next year, and to this end are adorned with badges, designed by Capt. B. B. Paddock, urging the delegates to "Come home." This admonition, printed in black letters, is counted upon to make a decided hit. That Fort Worth will get the convention again next year is practically certain already, but the enterprising business men of the city decided several days ago not to take any chances in the matter, and are making as strong a bid for it as they would if a neck-and-neck race were threatened.

**BIG TEXAS LAND DEAL.**

The largest land deal ever consummated in New Orleans was closed there March 6, when 145,000 acres of Texas soil changed hands. Mr. Meeker, representing a syndicate of Boston capitalists, was the purchaser. The vast tract, comprising 225 square miles, formerly belonged to John J. Meyers of San Antonio. The tow men met by accident at the St. Charles hotel. Meeker, who wanted to buy, found that Meyers was equally desirous of selling, and an agreement was soon reached. The tract is located in the northwestern corner of El Paso county, and will, among other things, be used for cattle and sheep ranches.

**PRAIRIE DOG BILL.**

The Texas house of representatives has passed finally its bill providing for the extermination of prairie dogs in districts afflicted by them, by local taxation. It also passed finally the senate bill providing for the establishment of a state asylum at Austin for idiots, the same to be operated in connection with the state lunatic asylum.

A colony of one hundred families from Johnson, Tenn., is soon to locate in the rice belt of Louisiana, near the Texas line. The prospective settlers have organized the American Realty Investment and Immigration company.



DR. J. H. TERRILL.

Persons coming to Dallas for medical treatment are respectfully requested to interview bank officials or leading business firms concerning the best and most reliable specialist in the city.

285 Main St. **DR. J. H. TERRILL,** Dallas, Texas.

## Private Diseases of Men

In the treatment PRIVATE DISEASES OF MEN, to which my practice is limited and to which my exclusive thought and experience have been devoted for more than 30 years. I GIVE A LEGAL WRITTEN GUARANTEE TO CURE PERFECTLY AND PERMANENTLY. If troubled with VARICOCELE, LOST VITALITY, BLOOD POISON or REFLEX DISORDERS, it will pay you to consult me at office or by letter. Consultation free, and if you take treatment charges will be entirely satisfactory to you. EVERYTHING STRICTLY PRIVATE AND CONFIDENTIAL.

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HENRIETTA, TEXAS, Dec. 23, 1902.

The Inland Mfg Co., San Antonio, Tex.  
Dear Sirs:—All of the stockmen here that have used enough of your "Tonic Stock Salt" to give it a fair test, say it is every thing you represent, and we think your man will have no trouble in selling three or four car loads the next time he steps off here. Please trace the last shipment, as we are in need of same, and oblige.

Yours truly,  
G. A. JACKSON & CO.

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Is our Watchword. Reliable Goods, Reliable Information and Reliable Methods. Don't think because we are in the Windmill business that we are "sharps." There is an honest straightforward way of doing business in such goods and we make money by pursuing such a course.

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Goes with everything we tell you, as well as everything you buy of us. We will not furnish you cheap goods without telling you they are not the best. Money paid us is better than in a bank, because what we give you for it earns big dividends for you. Try us with a postal card. Ask for booklet No. 50.

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FORT WORTH STOCK YARDS (Incorporated) FORT WORTH, TEXAS.  
Salesmen: Allen C. Thomas, cattle; A. G. Crump, hogs; Walter Stark, Assistant.

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References: First National Bank. Market Report free of charge on application. Write, wire or phone us.

We are represented on all Northern markets. Exchange Building.

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No Shipments too large for our Capacity—None too small for our attention.