THE DAILY LIVE STOCK REPORTER'S MARKET REPORTS ARE OFFICIAL, ACCURATE AND RELIABLE. SUBSCRIBE FOR IT AND KEEP UP WITH THE MARKET

The Fort Worth Daily Live Stock Reporter.

VOL. VIII. NORTH FORT WORTH, TEXAS, TUESDAY, AUGUST 30, 1904. NO. 205

LIVESTOCK MARKET

ANOTHER LIBERAL RUN OF CATTLE ON THE MARKET.

Choice Steers Steady, Others Lower—Fat Cows Steady—Canners and Medium Cows 5 to 10 Lower—Bulls Strong. Calves 25c Higher.

HOG RECEIPTS ARE ABOUT NORMAL FOR TUESDAY.

Quality Shows Improvement and Trading Ruled Active Until Offerings Were Sold—Sales Ruled 5 to 10c Higher, Top $5.75.

LIGHT SUPPLY OF SHEEP FOUND AN ACTIVE OUTLET.

RECEIPTS.

	Cattle.	Hogs.	Sheep.
Today	2,000	300	150
Last month	2,679	329	527
Same day 1903	2,824	122	45

Official Receipts Yesterday.

Cattle	2,234
Hogs	386
Sheep	233
Horses and mules	27

Range of Selling Prices Today.

CATTLE—Steers, top $3.80, bulk $2.35@2.90. Cows, top $2.50, bulk $1.50@1.85. Calves, top $3.50, bulk $3.00@3.25.

HOGS—Top $5.75, bulk $5.40@5.65.

SHEEP—Bulk $4.00.

THE CATTLE TRADE

Today's Quotations.

Steers—Good to strict choice	3 00@4 00
Medium fed	2 25@3 00
Stockers and feeders	2 00@2 50
Yearlings	1 25@2 00
Cows—Choice heavy fed	2 25@2 50
Medium butcher	2 00@2 25
Cutters	1 75@2 00
Canners	1 00@1 75
Bulls, stags and oxen	1 50@3 00
Calves—Good to fancy veals	2 75@3 50
Common to fair	1 50@2 50

Receipts of cattle today were again quite large, running about the same number as yesterday. Thirty-nine cars arrived at the opening, but by noon the number totaled 58, making receipts close around 2,000 head, against 1,779 for last Tuesday, 2,679 for the same Tuesday one month ago, and 2,824 for the corresponding day last year.

BEEF STEERS.

Receipts of steers were quite liberal. Only two loads of heavy fat cattle arrived, with the bulk fairly decent grassers and the usual sprinkling of feeders.

There was a good demand for the best of the supply, also a little business done among feeders. Sales of these were quoted steady with yesterday. There was a slow movement on the supply of grassers and when sold ruled barely steady.

Two loads of cattle, averaging 1280 to 1300 pounds, topped the trade today at $3.80.

Good to choice heavy fed steers are quoted at a range of from $3.00@4.00, 4.00, medium fed from $2.25@3.00, medium fed from $2.25@3.00, stockers and feeders $2.00@2.50, and yearlings $1.25@2.00.

Representative sales:

No.	Ave.	Price.
18	1280	3 80
18	1300	3 80
2	900	3 00
6	1050	3 00
26	993	2 90
27	1047	2 90
28	1055	2 90
25	1010	2 80
26	980	2 80
12	898	2 50
41	735	2 35
6	453	2 15
1	660	1 90

BUTCHER STOCK.

Supplies of butcher stock were liberal today and mostly of common to medium grades, with very few fat cows on sale.

The opening market was slow and dull, but while salesmen were not calling prices any lower, buyers did not take kindly to the supply offered, and there was a weaker tendency, the bulk of sales going at a range of from $1.50@1.85.

Good to choice cows and heifers are quoted at a range of from $2.25@2.50, medium butchers $2.00@2.25, cutters $1.75@2.00, and canners $1.00@1.75.

Bulls were scarce and found a strong demand. While packers wanted few, there were plenty of orders from speculators and feeder buyers, and all offerings sold out on a strong basis, mostly at a range of from $1.50@1.85, with something choice quoted as high as $2.

Bulls, stags and oxen for common to choice are quoted at a range of from $1.50@3.00.

Cows.

1	970	2 50
20	813	2 30
27	803	2 30
7	688	2 25
28	775	2 20
4	873	2 15
27	825	2 15
23	816	2 15
17	831	2 10
1	170	2 00
23	802	2 00
2	870	1 90
1	600	1 90
3	916	1 90
18	676	1 90
10	574	1 90
6	896	1 90
1	710	1 90
20	885	1 85
19	704	1 85
26	823	1 80
27	782	1 75
6	660	1 75
6	976	1 75
11	718	1 75
10	700	1 75
28	778	1 70
26	689	1 70
19	759	1 70
9	771	1 70
32	716	1 65
24	730	1 60
1	920	1 50
1	830	1 50
20	711	1 50
21	738	1 50
3	746	1 40
4	787	1 40
16	612	1 35
1	610	1 25
4	725	1 25
3	693	1 25
1	730	1 25
4	782	1 25
7	502	1 25
1	700	1 25
3	608	1 15
1	820	1 10
29	556	1 00
1	650	1 00

Heifers.

3	786	2 50
3	606	2 15
18	551	2 00
22	629	2 00
2	375	1 90
12	695	1 85
9	401	1 75
5	404	1 75
2	615	1 70
13	623	1 50
1	620	1 50
6	385	1 50
32	381	1 50
1	530	1 50

Bulls.

1	740	2 12½
1	1250	1 75
1	890	1 65
1	1070	1 60
2	1090	1 50
1	1370	1 50

CALVES.

Another strong active market prevailed for the light supply of calves today, which were mostly medium, with nothing choice in.

Packers are still wanting calves and the supply was weighed early on a strong to 25c higher basis.

The bulk of sales went today at a range of from $3.00@3.50, with fancy light vealers quoted as high as $4.

78	220	3 50
1	110	3 50
4	232	3 25
14	206	3 25
50	229	3 00
8	308	3 00
15	291	3 00
4	197	3 00
5	268	3 00
9	206	3 00
2	230	3 00
1	300	3 00
8	198	2 85
9	228	2 75
9	221	2 75
2	160	2 50
2	310	2 50
6	245	2 50
1	360	2 50
1	200	2 25
19	156	2 25
8	398	2 25
4	292	2 25
10	167	2 25
1	360	2 00
5	354	2 00
1	330	1 75
3	290	1 50
1	350	1 50
1	310	1 50

THE HOG TRADE

Today's Quotations.

Choice sorted	$5 60@5 75
Mixed packers	5 50@5 65
Lights	5 45@5 65
Pigs	3 75@5 40
Stags and roughs	3 50@4 50

The market was again lightly supplied with hogs; only three shipments arrived. Receipts of wagon hogs were quite liberal and total receipts were estimated at 300, against 305 for last Tuesday, 329 for the same Tuesday one month ago, and 122 for the corresponding day one year ago.

The quality and weight were both good today, with very few lights, making the total run average better than 200 pounds.

Buyers were out early and in force, both local packers and city butchers.

The market started off brisk with stiff prices asked and bid. The market ruled 5 to 10c higher than the best prices yesterday. Business was practically over by noon, and all offerings got the full benefit of the strength.

The top today was $5.75 for one load, averaging 238 pounds, which was considered by most traders on a steady basis with last Friday. The bulk of sales went at a range of from $5.40@5.65, with pigs at from $4.75@5.00, a few fancy lights going as high as $5.60.

Good to choice sorted are quoted at a range of from $5.60@5.75, mixed packers $5.50@5.65, light grades $5.45@5.65, pigs $3.75@5.40, and boars, stags and roughs from $3.50@4.50.

Representative sales:

Hogs.

No	Ave.	Price.
1	280	5 00
14	165	5 35
7	141	5 40
4	150	5 40
1	200	5 50
54	202	5 60
10	137	5 60
3	260	5 60
3	313	5 60
71	207	5 65
2	245	5 65
4	212	5 70
4	250	5 70
71	238	5 75
Pigs.		
8	101	4 75
8	94	5 00

THE SHEEP TRADE

Today's Quotations.

Lambs	$3 50@5 00
Wethers	3 00@4 00
Ewes	2 50@3 50
Culls	1 50@2 50

Receipts of sheep today amounted to one shipment of about 150 head.

The consignment consisted of medium to well finished sheep and lambs, which found an active outlet to local packers selling fully steady with yesterday. One sorted bunch of 100-pound wool sheep topped the market at $4.

Representative sales:

No.	Ave.	Price.
Sheep.		
21	89	3 25
9	96	3 50
32 wool	100	4 00
Lambs.		
1	50	5 00
2	55	5 00

HORSES AND MULES

Horses.

Drafts, good	$140@150
Chunks, good	75@130
Drivers, good to fancy	75 up
Drivers, medium	55@ 75
Southerners, common to fair	35@ 50
Southerners, good to extra	75@100
Plugs	15@ 20
Rangers, plain	10@ 30
Choice range horses	50@ 75
Mules.	
13½ to 14 hands, fat	$ 60@ 60
14 to 14½ hands, fat	75@ 85
14½ to 15 hands, fat	90@120
15 to 15½ hands, fat	125@140
15½ to 16 hands, fat with quality	145@160
16 to 16½ hands, extra, 1,200 to 1,500	165@175

RECEIPTS AT THE YARDS TODAY.

Cattle.

Perry & Fields, Muenster	36
R. L. Wickliffe, St. Joe	30
J. W. Craft, Ardmore, I. T.	28
R. P. Moore, Meridian	31
P. P. Durham, Meridian	33
J. F. Frankbraugh, Ranger	36
J. B. Long, Ranger	49
Laududall, Ranger	50
J. B. Baggett, Eastland	94
J. M. Cunningham, Putnam	67
W. R. Bigham, Merkel	87
L. B. Hamm, Wills Point	44
S. W. Sansom & Bro., West	40
E. W. F. T. Boone, Purcell, I. T.	24
J. H. M., Cleburne	33
A. J. Meyers, Bridgeport	41
J. N. Payne & Co., Graham	296
J. D. W. Martin, Graham	27
Jones & Burns, Graham	56
W. O. Clark, Graham	27
Riley & Fortenberry, Decatur	40
E. W. Grogan, Byers	51
Sam Thompson, Wichita Falls	30
C. D. Anderson, Whitesboro	60
J. J. Trew, Myra	30
McLeman & Casey, Brady	30
G. S. Thomas, Blanket	75
Ed Blue, Comanche	33
L. N. Long, Bluffdale	43
H. Hensley, Addington	85
F. Lindsey, Addington	53
J. N. Martin, Comanche	59
W. B. Graham, Marlow	30
Hillard & Pettus, Merkel	43
Hogs.	
F. P. Tillery, Grapevine	79
J. H. Bray, Lindsay	72
M. Allen, Marietta, I. T.	72
Sheep.	
N. J. Carroll, Kerens	120
Horses and Mules.	
W. L. Cook, Logan, Utah	51
R. D. Nicholson, Temple	25
C. V. Evans, Brownwood	27
W. F. Oliver, Hico	27

BUYERS ON YESTERDAY'S MARKET

Cattle.

Armour & Co.	535
Swift & Co.	372
Wilson	29
Musgrave	12
Burns	25
Saunders	30
H. & M.	29
Harrold	37
Adams	36
Miller	18
Others	43
Calves.	
Swift & Co.	131
Hogs.	
Swift & Co.	206
Armour & Co.	114
King	61
Others	7
Sheep.	
Armour & Co.	137

EXPERIMENTS IN BABY BEEF.

J. B. Haney, superintendent of the Fort Hays, Kan., experiment farm, has just finished some experiments in feeding "baby beef." He used 56 head and fed them 183 days. He had them divided into seven bunches and fed each bunch a different ration. The corn and alfalfa lot put on the most beef—388 pounds each. The lot which he fed mixed feed came second with 328 pounds gain, and the barley anl alfalfa lot, third. The corn and sorghum lot put on the least—224 pounds. The corn and alfalfa lot brought the top price, $5.25; the corn and sorghum the lowest, $4.75.

DAILY WEATHER FORECAST.

Weather Bureau, Fort Worth, Aug. 30.—Local weather forecast: Tonight and Wednesday—Generally fair.

CATTLE RAISERS MEET.

EXECUTIVE COMMITTEE CONVENES IN FORT WORTH.

Reports Show That the Last Quarter Has Been a Banner One for the State Association.

The quarter just closed has proven the banner one for the Texas Cattle Raisers' association. Eighty-seven new members have been secured during the last three months. These new members represent in round numbers 50,000 head of cattle. This means increased revenues for the association, which will allow it to enlarge the scope of its work.

There were present at the meeting of the executive committee of this association, held in Fort Worth yesterday, President W. W. Turney of El Paso, Dr. E. B. Frayser of Vinita, I. T., Murdo Mackenzie of Trinidad, Colo., Colonel John N. Simpson of Dallas, Captain S. B. Burnett of this city, J. H. P. Davis of Richmond, M. B. Pulliam of San Angelo, Captain J. T. Lytle of this city, A. G. Boyce of Channing, and Richard Walsh of Paloduro.

Only routine matters were discussed. It was during the meeting that Captain Lytle, secretary of the association, made his report on the number of new members secured during the quarter. During the corresponding period last year, which up to this time has stood as the banner quarter in the history of the association, eighty new members were secured.

Only two subjects are known to have come up for discussion at the meeting yesterday. One of these was the investigation of the beef trust that is now being conducted by the department of commerce and labor, and the other was the matter of offering the annual convention in 1906 to the city that makes the highest bid for it.

It could not be learned what came of the discussion of the beef trust question, but it is known that the question of offering the 1906 convention to the highest bidder will be referred to the members of the association for their consideration.

Following is a list of the new members:

W. M. Anson, Coleman; N. H. Browne, Goliad; Lee Bivins, Amarillo; Henry Banker, Needville; A. M. Bruni, Laredo; Ben J. Brothers, Halletsville; Bishop & Adams, Cedarville, Kan.; Serrando Benavides, Laredo, Ygnacio Benavides, Laredo; Barse Live Stock Commission company, Kansas City; W. F. Cowden, Midland; R. J. Collins, Hebbronville; Robert H. Corbet, San Diego; C. P. Conway, Westbrook; Cassidy Southwestern Commission company, Fort Worth; J. S. Debney, San Angelo; J. B. Demoss & Co., Houston; J. J. Dimmitt, Texhoma, O. T.; Diller Bros., Albany; Carl Esklund, Clayton, N. M.; Edwards Bros. & Lindsey, Rock Springs; H. E. Ellingwood, Fort Worth; Ellis & Flowers, Lockhart; A. A. Everett, Weahtreford; John N. Farris, Floydada; J. M. Flores & Son, Ojeulas; Charles W. Goodwin, Clinton, O. T.; Mauricio Gonzalez, San Diego; F. B. Guerro, Hebbronville; J. M. Garcio & Bro., Laredo; T. P. Gillespie, Sonora; Henry Guthrie, Sherwood; William I. Grinnel, Ozona; Guerra & Costley, Austin; Wade Herrin, Sheffield; J. B. Heard, Roswell, N. M.; M. A. Hisch, Laredo; Hall & Canon, Van Horn; L. J. Hillger, Garden City; D. L. Hess, Mereta; T. C. Ivey, Benjamin; Hardie H. Jeffries, Alice; J. A. & G. S. Johnson, Brady; John Jones, Purcell, I. T.; C. C. Kimble, Beggs, I. T.; H. Hern Knebel, Garden City; R. A. Leck, Monument, N. M.; Lyne Bros., Oakville; William Lanins & Son, Bonham; J. A. Lovett & Son, Liberty; A. J. & M. Linney, Skidmore; Mrs. Raymond Martin, Laredo; Moody & Farnham, Toyah; W. J. Miller, Louise; John McKay, Sheffield; B. T. McDonald, Lipscomb; W. A. Nix, Hembrie; J. T. Neal, San Angelo; S. B. C. Nail, Carlsbad, N. M.; L. N. Ortez, Laredo; D. J. Owens, Sheffield; Putnam & DeGrafinreid, Portales, N. M.; Tol Rutledge, Sherwood; Manuel Rogers, San Diego; J. A. Rodrigues, Laredo; Russell & Corder, Menardville; Chris Ritz, Pecos; T. A. Robertson, Stanton; John Roe, Ozona; Claud Raybourn, Okfuskee; James W. Slavin, Thompson; S. T. Sayre, Clarendon; E. E. Sawyer, Roswell, N. M.; J. M. Stephens, Junction City; Aug. Salinas, Laredo; Mrs. Addie Schroeder, Regnier, Colo.; Santa Rosa Ranch company, San Antonio; Seller Bros., Oakville; T. P. Shelly, Refugio; J. O. Taylor, Juno; J. W. Thornton, San Angelo; C. C. Turk, Halletsville; Wilson Thompson, Archer City; Albert Urbahn, Laredo; J. H. Williams, Hereford; N. M. Washer, San Antonio; W. A. Yates, Comanche, I. T.

WHAT FIGURES SHOW.

Some Interesting Facts Concerning the Meat Industry.

The Texas Stockman prints the following: There are more than a thousand different firms in the United States engaged in the meat industry and the capital now invested is considerably over $200,000,000. According to reliable estimates the abattoirs and farmers slaughter annually about 10,000,000 cattle and calves, 40,000,000 hogs and 40,000,000 sheep. That means about 7,000,000,000 pounds of beef, 5,600,000,000 pounds of pork and 2,000,000,000 pounds of mutton. This makes an annual total of 14,600,000,000 pounds of meat. This estimate, of course, is exclusive of by-products.

The most reliable estimate of the world's flocks and herds indicates that there are 310,000,000 cattle, 600,000,000 sheep, 100,000,000 hogs and possibly 70,000,000 goats. That furnishes 1,080,000,000 edible animals of these four classes to the 1,500,000,000 people of the world. Of this population 800,000,000 are grain eating Asiatics. For the 80,000,000 people in the United States there is an available live stock supply of 192,000,000 animals. That gives an allowance of more than two animals for every man, woman and child in the country. That would be, in round numbers, 500 pounds of fresh beef, 100 pounds of fresh pork and 34 pounds of mutton for each person. This estimate takes no account of edible by-products—they would increase the per capita average with another thirty pounds; so if all the stock in the country were killed and distributed equally, each person would be entitled to about 664 pounds.

TELEGRAPHIC MARKET REPORTS.

	Cattle.	Hogs.	Sheep.
Chicago	7,000	14,000	20,000
Kansas City	11,000	10,000	4,000
St. Louis	4,500	8,500	4,000
	22,500	32,500	28,000

Chicago.

Special to The Reporter.

Union Stock Yards, Aug. 30—CATTLE—Receipts 7,000. Market best steady, others weaker. Beeves $3.75@6.10, cows and heifers $1.35@4.20, stockers and feeders $2.00@3.60.

HOGS—Receipts 14,000. Market best steady. Top fancy light $5.80, bulk $5.35@5.60. Mixed and butchers $5.25@5.75, good to choice heavy $5.25@5.65, lights $5.40@5.75, pigs $5.05@5.40.

SHEEP—Receipts 20,000. Steady.

Kansas City.

Special to The Reporter.

Kansas City, Aug. 30.—CATTLE—Receipts 11,000. Market steady. Beeves $4.00@5.65, cows and heifers $1.25@4.40, Texas and Westerns $2.00@4.75.

HOGS — Receipts 10,000. Market steady, strong. Top $5.50, bulk $5.35@5.40. Mixed and butchers $5.30@5.45, good to choice heavy $5.30@5.35, lights $5.30@5.50, pigs $3.00@5.35.

SHEEP—Receipts 4,000. Steady.

St. Louis.

Special to The Reporter.

National Stockyards, Aug. 30.—CATTLE—Receipts 4,500, Texas 2,500. Texas steers $2.50@3.60, cows and heifers $2.00@2.75.

HOGS — Receipts 8,500. Market steady, strong. Pigs and lights $5.00@5.60, packers $5.20@5.60, butchers $5.40@5.75.

SHEEP—Receipts 4,000. Steady.

ABOUT THE STOCK YARDS TODAY.

E. W. Grogan of Benvanue sold 51 steers, averaging 995, at $2.80.

Perry & Fields of St. Joe sold 36 steers, averaging 1290, at $3.80.

Sam Thomas of Wichita Falls brought in 28 cows, averaging 776, that sold at $2.20.

W. R. Bigham sent in 78 calves from Merkel. They averaged 220 and sold at $3.50.

Ed Blue sent in 28 cows from Comanche. They averaged 778 and sold at $1.70.

S. G. S. Thomas was in from Blanket with 41 steers. They averaged 737 and sold at $2.35.

R. P. Moore of Meridian was on the market with 27 cows, averaging 782, that sold at $1.75.

Marion Allen of Marietta, I. T., marketed today 71 hogs, averaging 238 lbs., which sold to Armour & Co., and topped the trade at $5.75.

F. P. Tillery, one of the well known shippers on this market, had in today from Grapevine one load of hogs; 71 averaged 202 pounds and sold to Swift & Co. at $5.65.

J. H. Bray, one of the regular cattle and hog shippers to this market, had in a mixed load of hogs today; 64 head averaging from 137 to 202 pounds sold at $5.60, with a few 101-pound pigs at $4.75.

GENERAL NOTES.

W. N. McPherson of Comanche, I. T., states that cotton in his neighborhood is in very bad shape. The cotton stalks themselves could not be finer, but the bolls are being destroyed by the ravages of the weevil.

Dr. W. A. Skinner, who for some time has been on the meat inspection force at this point under Dr. Paxton, leaves today to join the quarantine force of New Mexico and Arizona. His work will be the inspection of sheep.

The postponed meeting of the merchants of Fort Worth will be held at the Board of Trade tonight to choose a board of directors and officers for the proposed Fort Worth Cotton company. The report of the cotton committee, appointed at a previous meeting, will be heard.

Last year the United States exported cattle, hogs, horses, mules, sheep and other animals, including fowls, to the value of $35,000,000, which is considerably less than the revenue derived from similar exports in any one of the previous years. In 1902 the value of exported animals belonging to the class given sold for more than $52,000,000, the highest point made in the last five years.

W. E. (Bill) Harrell was down today from Memphis and reports conditions throughout his section as never so good. He states that they have had plenty of rain, and he never saw grass better. Stock is flourishing, and the agricultural conditions are surprising. He says several farmers in his locality are claiming 40 to 50 bushels of Indian corn to the acre, and three-quarters to one bale of cotton.

BUMPER COTTON CROP IS READY.

Word comes from Anadarko, O. T., that a record-breaking cotton crop is now ready to pick in Caddo county. Careful estimates place it at 90,000 bales, which is about three times the amount raised last year. Picking has commenced, and the only trouble experienced is in getting the help to harvest the big crop.

NO MATTER

What you want it will save time and money if you use the Classified Columns of The Reporter. This paper reaches the homes of stockmen. Rates reasonable.

MAY END ALL FRICTION

PLAN FEDERAL CONTROL FOR CATTLE QUARANTINE.

Convention of Interstate Live Stock Sanitary Boards Adopted Resolution to That Effect.

The United States bureau of animal industry will assume entire control over the inspection of cattle for Texas fever and the fixing of the quarantine line marking the territory infected by that disease, if the recommendations of the convention of Interstate live stock sanitary boards are adopted.

This statement is made by Col. Albert Dean of the bureau of animal industry. At its meeting in St. Louis the association adopted a resolution which put it upon record as favoring the entire control of matters relating to the stamping out of this disease, by the federal bureau. The resolution was adopted unanimously. If this is done it will eliminate the friction which at the present time prevails to some extent between the state sanitary boards and the federal bureau. It is the opinion of the well informed on these subjects that the state bureau as too liable to be the subject of political favoritism and machinations. With politics eliminated from the matters of inspection and fixing of the line the work done towards the stamping out of the disease will in all probabality be much more effectual.

Only one change was recommended in the quarantine line by the convention. That was the admission of Custer county, Oklahoma, into free territory. Custer county has proved itself free from the tick and the line was accordingly recommended to be changed so as to place it above the infected district.

SHOOTING MAY BE FATAL.

W. M. Pittman Shot by John McBride During a Quarrel.

W. M. Pittman, originally from Chickasha, I. T., but now of Fort Worth, was shot by John McBride, a jeweler, at 7:10 last night in front of the Banner Furniture company's store, adjoining McBride's place of business. Only one shot was fired and that took effect about one inch to the right of the nose and one inch below the eye.

Pittman was still alive this afternoon, but Dr. J. P. McLean, who is attending him, said that in his opinion the wounded man could not live.

McBride and Pittman had had some words yesterday morning about some differences, but trouble was avoided. About 7:10 p. m. Pittman was standing in front of the Banner Furniture company's store talking with Mr. Briggs, when McBride came up. A few words were exchanged and the next instant a pistol shot rang out and Pittman fell.

Pittman is now lying at St. Joseph's hospital. McBride was arrested, then released on bond.

PLANTS RUNNING NORMAL.

Packers Say That They Have Enough Men for All Houses.

It is stated from Chicago that the packers have a larger number of men working for them at Chicago than at any time during the strike. All Western plants are running to their normal capacity.

It is said that it will be the policy of the packers to retain all men now in their employ, and to hire employes to the extent that they may need them as rapidly as possible. It will also be the aim of the packers in the future to have their employes make as near full time as possible.

FAREWELL TO THE MULE.

He is Literally Kicked Out of the Iowa State Farms.

The mule is up against it and there isn't any use of his kicking—on the state owned farms in Iowa, says the Register-Leader. The only relic is on the farm at Eldora, where the state owns sixteen, and these are about to be supplanted by horses. Colonel Drake, the new superintendent at Eldora, is against the mule, though he comes from Missouri to Iowa; the Hon. John Cownie, in charge of the state farms for the board of control, also is against the mule. The result will be his eradication from the invoice of property owned by the state on its 18,000 acres of land.

Superintendent Miles of the Eldora institution rather inclined to favor the mule; that is, he thought he was favoring the horse by furnishing mules for the boys at the institution to handle. He used to say that the mule was better able to stand abuse and hard treatment than was the horse, and he preferred to intrust mules rather that horses to the tender mercies of the youth who had been sent to the institution.

Mr. Cownie says that his philosophy did not appeal to him in the least. He thought that the state should not admit that there is any possibility that any domestic animal may be subjected to hard usage. It is not the purpose to use horses or mules as they do in the army, for instance, and this being the case it is the only fair and reasonable thing to furnish horses instead of mules at all of the institutions.

FOR SALE AT ALL TIMES—Horses, mules and mares. Also good farms and ranches. C. A. LUCKENBACH, Shovel Mount, Burnet county, Texas.

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Sundial Maxims.

It is quite an interesting thing to learn that some of our best known proverbs and mottoes were originally used in connection with sundials. Before the days of watches and clocks, when dials and sun marks were among the rude means of reckoning time, it was a prevailing custom to inscribe them.

Among the maxims traceable to this source are, "Make hay while the sun shines," "The longest day must end" and "All things do wax and wane."

Sundials spoke the truth, as may be inferred from a historic one which was placed on St. Paul's cross, in London, and which proclaimed, "I number none but sunny hours." This no one will doubt who has had occasion to consult a dial on an overcast day.

A famous dial in Sussex, England, bore four famous mottoes applicable to the flight of time and the brevity of life. They were as follows: "After darkness, light." "Alas, how swift!" "I warn whilst I move" and "So passes life."

Another old sundial spoke petulantly about the same subject in the words, "Birrah, be gone about your business."

The Voice of the Turtle Dove.

One of the most complete misapprehensions with regard to the voices of birddom occurs when we listen to the monosyllabic coo of the restful turtle dove. By no means a musical sound in itself, yet it is so bound up in our minds with the sleepy glamour of summer afternoons that we imagine the sitting dove as crooning to herself from sheer contentment with her lot. Very different is the reality. That drowsy monosyllable is the voice of the male dove, not of the hen upon the nest, and while he utters it his antics are ludicrous to observe. Usually he is giving peremptory orders to his wife to get off the nest, in order that he may take her place, and if she hesitates to obey he enforces his commands with sharp pecks upon the head. At other times he seems merely to order her off the nest for the pleasure of witnessing her devotion to his person, after which he will suddenly become abstracted in manner and presently go off to the feeding place.—London Graphic.

The Tyrant Prima Donna.

It is the rarest thing to find that any famous prima donna ever "created" a new role of any artistic importance or associated herself with the interpretation of the music of any young composer, no matter how gifted. Her choice of songs in the concert room alternates between hackneyed favorites and absolutely worthless novelties. Alone among the great executants, the prima donna has been conspicuous for her abstinence from any efforts to achieve distinction as a composer.

Handel had a short way with the prima donna, and threatened to throw her out of the window if she would not sing what he had written for her. Wagner went further, and refused to write for the prima donna at all. And Verdi, in "Falstaff," did throw her out of the window and gave the leading part to a baritone. To the music lover the prima donna is a nuisance, and a very expensive one.—"Diversions of a Music Lover."

Millepeds.

The little creature which possesses the distinction of having more legs than any other animal is that which belongs to the family of insects known as millepeds, or thousand footed. There are several different species of these, but they all possess the common characteristic of having segmented bodies, each segment of which is provided with its own pair of feet. These are set so closely along the body as to resemble hairs, and when they move one after another with perfect regularity the effect is precisely the same on a small scale as that of a field of oats undulating under the influence of the wind. Some species of millepeds have as many as 350 separate and distinct legs. They are all perfectly harmless, unlike the centipeds, which frequently have the power of inflicting poisonous wounds.

Something In Danger.

"Does the captain say whether we shall trunk the record or not?"

"Yes. He says either the record or the boiler must go."

"Now, lemme!"

How Stumpy Learned to Subtract

.....By ALEC BRUCE

Copyright, 1903, by T. C. McClure

In Munkersville everybody agreed that Stumpy Dent was silly; not very much off, but off. Pa Dent himself did not deny it. Of course ma was an exception to the rule and vigorously denied everything and anything that touched on the softness of Stumpy. And toward pa, because of his sittin' on the fence attitude, she assumed a frigid front.

"Silence is jes' the same as consent, Dave Dent," she complained bitterly, eying her spouse with a shrewish look. "Shame on ye, an' him your own flesh an' blood!"

But Dave paid no heed to these outbursts. As a matter of fact, pa was past speaking to Stumpy. He had fought the good fight and failed. In time perhaps, he allowed, intelligence might penetrate to Stumpy's brain.

Good humored, fat and flabby, Stumpy had seen nine healthy summers. His eyes were blue and watery, his cheeks dimpled and red. Rain or shine he wore a hayseed hat two sizes too small for his abnormal crown, kept in place by an elastic so tight that it puckered and reddened his skin. His pants were drawn up three inches above his knees, and, though ma tried hard to prevent it, Stumpy's kneecaps were always exposed, for Stumpy had a weakness for curbstones and marbles, and rather than stand on his feet he hustled along on all fours.

In school work Stumpy was disappointing, two grades behind the times. Yet he could read, spell, add to the thousands and would attack millions if he dared. But, oh, subtraction, subtraction—not even a standing blackboard example could enlighten Stumpy's mind!

His long suffering teacher, like pa, was nearing the exasperation point, when suddenly a happy thought occurred to her. She had observed Stumpy on the curbstone playing marbles. Sure! He must have marbles in his pocket. He did have them, a bulging pocketful, jealously guarded, and after a struggle she successfully extracted three. But it was all she could do to get them, and for days her soft, white hand retained evidence of the getting.

"Stumpy Dent," she cried, with blazing eyes, "now tell what I have done!"

"Cobbed ma marbles," wailed the outraged pupil, with streaming eyes and waggling toes.

"Hush, hush, sonny. I'm going to give them all back to you. I'm only trying to show you what subtraction is. Now, how many marbles had you when you came to school?"

"Twelve," shouted Stumpy.

"How many have you now?"

One by one Stumpy counted them and considered.

"How many?" repeated the teacher.

"Twelve when ye give 'em back t'me," calmly announced the hopeless one.

From pent up forms a roar of boyish laughter made sensitive Stumpy tearful and tight as a clam, and away went hope like the filmy wake of a dream.

Of course Pa Dent soon heard the story and looked sadly at his son. He himself had tried the practical illustration scheme, but the lad was unresponsive.

"Stumpy," he demanded, shaking the boy's fat hand a little roughly, "do you like school?"

"Yis," was the glib reply.

"Then you must do better or I'll take you away."

Now, Stumpy spoke the truth. He really loved his teacher. School was his heaven, and in his clumsy way he had tried hard to catch subtraction. But it wasn't pa's threat that awakened Stumpy. To Darby Peck, the town's leading grocer, must be given the credit. Darby had a way with him, such a way that for every customer his rival, Bollinger, boasted, Darby could set up four, and Darby had just opened a branch near Stump's school.

"Naw, the laddies' trade ain't much," he admitted, "but A'm a-caterin' t'em jest the same."

Here hitherto Bollinger had held full sway. But Bollinger was mean, hard as nails; he didn't give marbles away with every five cent purchase. But Darby did, so Darby corralled the school. Bollinger tried hard to get it back. At half price, as a lure, he advertised squeakin' balloons and sticks of candy, the chowchow kind. Who wanted squeakin' balloons and chowchow candy? And again Darby went him one better:

> FREE! FREE! FREE!
>
> Five dollar bill to the boy or girl who guesses nearest the number of peas in this bottle.

His store was besieged. The school playgrounds were deserted. Troops of madly excited boys and girls flung frantic guesses at the delighted grocer.

Ting-a-ling! Ting-a-ling! Vainly, across the way, the janitor swung his bell high above his head, then down to his weak old knees, and the brass gave out its utmost.

"No, no, no; every guess must be written, and I will take none till 3 o'clock this afternoon," cried Darby, dismissing the disappointed mob.

But one boy, regardless of the janitor's peremptory mandate, remained glued to Darby's window, mumbling to himself, his chubby fists clutched tightly at the crimson sill, as he dumped his toughened knees against the freshly painted panel. It was Stumpy Dent, and he was thinking—yes, he was reasoning. Where had he seen a bottle just like that one with the peas? Ma had one just the same down in the cellar. Sure!

Suddenly, when the white aproned assistant peeped out of the door, Stumpy melted. Hookey? Fine he knew what hookey meant, and ma mustn't see him get the bottle—naw, nor the peas! And she didn't.

At 2 o'clock that same afternoon Pa Dent came unexpectedly upon his offspring. Pa seldom disturbed the stable loft till the evening, when he brought the horses in, and therefore had Stumpy chosen it as a fitting place for his operations. A newspaper spread lengthwise, the French prune bottle, a pyramid of peas, Stumpy carefully counting every pea he dropped into the bottle, and on the white margin of the newspaper a record of red chalk strokes—that was what pa saw when his head topped the open trap.

"Stumpy!" he cried sharply. "What are you doing? Why are you not at school?"

Taken in the act and breathless from the shock, Stumpy did not reply at once. Under such strong incriminating circumstances the grand impulse of the ordinary boy would have been instant confession and "take the consequences." Not so with Stumpy. A splendid evasion loomed up before him.

"Subtractin', pa," he gurgled, dabbing his finger on the last chalk mark so as not to forget his total.

"Ah, I see!" said pa.

Certainly the excuse was a feasible one. He had told the teacher to send Stumpy home if he became too dense. Left to himself, pa said, subtraction might come in a flash, but the jeering of his companions would make him worse. Sensible Miss Marlow had acted on his advice. Yes, that was it, and pa, quite satisfied, descended the ladder from the loft. When he disappeared Stumpy smiled and went on adding.

Came 3 o'clock, and Darby was again besieged. Every boy and girl in Munkersville had a guess to give in, and every slip had to be carefully examined. At last, amid breathless silence, Darby, beaming like a harvest moon, mounted a chair and in loud tones cried:

"Nine—two—two is the winning number, boys, and Stumpy Dent guesses nine—two—one! Stumpy gets the bill!"

Wild was the scene in Darby's. Up and out went Stumpy on the shoulders of the fifth grade gang. And pa, driving home in his buggy, felt a lump in his throat when he heard the loud cheers for Stumpy.

"How did you do it, sonny?" he asked when the demonstration was over and the boy safe at home.

"Jes' this way," whispered Stumpy. "I fetched ma's prune bottle from the cellar. Darby's was jes' the same in size an' wi' the same wee rid label on the neck. So I filled ma's bottle neat wi' peas, emptied 'em out on the newspaper an' counted 'em as I filled it up ag'in. That gave nine—two—one."

"Ha, ha, ha!" laughed jubilant pa. "Come, Stumpy, lad," he cried, counting out five shining silver dollars for the bill; "come an' we'll put your money in a bank!"

It was a miniature iron bank, a penny in the slot affair, and the silver rattled and rang as it dropped to the little vault below.

"Now, Stumpy," said pa proudly, "that's your first deposit, an' it draws interest at 5 per cent in one month."

But when the month was up and pa pried open the lid only three shining dollars demanded 5 per cent. Stumpy had learned to subtract.

His Whiskers.

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A certain literary woman, feeling herself under an obligation to a very eminent authoress and wishing to show her appreciation, bought a box of candy, meaning to present it to the novelist at the earliest opportunity. On the same shopping excursion she bought herself a box of tooth powder, the two purchases making packages of similar size and appearance. Then she sought out her benefactress.

"Have you a sweet tooth?" she inquired and presented one of the neatly wrapped purchases. The offering was accepted gracefully, and the donor departed, much gratified at the accomplishment of her act of recognition. When she got home she unwrapped her remaining package to try the new tooth powder. Removing the last piece of wrapping paper she read on the box cover, "—— Chocolate Bonbons—Extra Quality."—Harper's Weekly.

He Lost.

At an "at home" a young man came to the hostess, greeting her and apologizing for his lateness.

"Awfully glad to see you, Mr. B.," said the hostess. "So good of you to come. But where is your brother?"

"I am commissioned to tender his regrets. You see, we are so busy just now that it was impossible for both of us to get away, so we tossed up to see which of us should come."

"How nice! Such an original idea! And you won?"

"No," said the young man absently.—Philadelphia Ledger.

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CURRENT COMMENT.

Do you remember the time, long, long ago, when you ate breakfast-foodless breakfasts?—Kansas City World.

No wonder the exportation of breadstuffs is falling off. All the poor of Europe are coming here to be fed.—Oakland (Cal.) Tribune.

People who studied geography some years ago are asking where the "h" in Thibet has gone to. It seems to have eloped with the apostrophe in L'Hassa.—Hartford Courant.

Soft shell crabs are now almost as dear as beef. Mosquitoes have come with the heat. The straw vote man is already beginning his work. Can human nature endure the strain?—New York Herald.

Few children will die of cholera infantum and similar ailments if attention is given to their food. The greatest mortality from cholera infantum is among babies that are fed from a bottle or are nourished by patent foods.—Cleveland Leader.

CHURCH AND CLERGY.

The address of Bishop Brooke of Oklahoma and Indian Territories until Oct. 1 is Gambier, O.

Rev. Dr. Edward Everett Hale is now an LL. D. of Williams college, from which his father graduated a hundred years ago.

The church is slowly gaining ground in England. Ten years ago the communicants numbered only one in eighteen of the population, now the proportion is one in fifteen.

Last year over 10,000 new members were added to the Woman's Home Missionary society. The growth in young people's circles and children's bands has also been unusual.

The Rev. Karl Schwartz, minister of the Church of the Saviour, Syracuse, N. Y., suggests that the name be changed to the Huntington Memorial church as a memorial to the late Bishop Huntington.

The Other Way.

Inquiring Bore—And do you come down the same way you go up, Mr. Sandbag? Balloonist—No, sir; I try to come down feet first.

FORT WORTH RAILWAY SCHEDULE.

These trains at T. & P. Passenger Station, foot of Main street:

Rock Island System.

Depart.		Arrive.
8:30 am	Omaha and Mo. River	7:15 pm
9:00 pm	Kansas City, Chicago, Denver, Col. Springs and Pueblo Fast Ex..	7:10 am
Depart East	DALLAS LINE.	Arrive East
7:40 am	Mail and Express...	8:35 pm

Texas & Pacific Railway

Depart. East		Arrive. East
7:45 am	St. Louis Cannon Ball	7:45 pm
11:00 am	St. Louis Mail & Ex	4:45 pm
8:30 am	....Dallas Local....	5:15 am
10:00 am	Dallas & Wea'fd Local	3:25 pm
8:00 pm	....Dallas Local....	6:10 pm
3:45 pm	..Wills Point Local..	11:00 am
6:30 pm	St. Louis Mail & Ex.	9: am
Depart. West	Main Line West.	Arrive. West
8:20 pm	Colorado Mail & Ex..	7:00 am
3:30 pm	Weatherford Local..	9:45 am
9:45 am	..El Paso Express..	6:00 pm

Transcontinental Division via Sherman

Depart.		Arrive.
8:30 am	Texark. & St. Louis.	4:35 pm

FRISCO SYSTEM.

Red River, Texas & Southern Ry.

11:15 am	K.C.&St. L. Mail&Ex.	2:55 pm

Ft. W. & R. G. Ry.

3:15 pm	Brownwood M. & Ex.	10:55 am
2:00 am	..... Mixed	6:00 am

Fort Worth & Denver City Railway.

Depart.		Arrive.
	Denver, Colo. Springs	
9:45 am	and Pueblo Mail & Ex	5:10 pm
8:40 pm	... Amarillo Ex ...	7:25 am

Missouri, Kansas & Texas.

Depart. North		Arrive. North
8:35 am	... "Katy Flyer" ...	7:45 pm
11:20 am	..Mail and Express..	7:45 am
9:00 pm	..Mail and Express..	4:15 pm
7:45 pm	....Fair Special....	8:35 am
Depart. South		Arrive. South
8:15 pm	Hou. & Gal. &San Antonio, "Katy Flyer"	8:10 am
8:30 pm	.Houston Mail & Ex.	10:55 am
5:05 pm	.Houston Mail & Ex.	8:15 pm
9:00 am	....Fair Special....	7:20 pm

Cotton Belt Route.

Depart.		Arrive.
7:20 am	..Mail and Express..	5:50 pm
10:30 am	..Mail and Express..	5:30 pm
9:15 pm	..Mail and Express..	6:50 am

International & Great Northern Ry.

Depart.		Arrive.
7:30 am	Houston & San An.Ex	8:55 pm
3:40 pm	Austin " " "	12:45 pm

These trains at Santa Fe Station, Cor. 15th and Jones:

Gulf Colorado & Santa Fe Ry

Depart. North		Arrive. North
8:05 am	K. C.&Chi. Mail & Ex.	9:00 pm
8:30 pm	K C. & Chi. Fast Ex..	7:40 am
Depart. South		Arrive. South
7:55 am	Hou. & Gal. M. & Ex.	8:20 pm
9:10 pm	Hou. & San Antonio Gal. Mail & Ex.....	7:55 am

Houston & Texas Central Railroad.

8:10 am	Hou & Gal. Mail & Ex	8:23 pm
7:35 pm	Hou. & Gal. Mail & Ex	8:05 am
11:15 am	....Ennis Mixed....	11:10 am

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The government dipping station located at the Fort Worth Stock Yards is in operation, and cattle feeders can now ship from below the line to northern pastures at any season of the year at a nominal cost by dipping at Fort Worth, under the government officers' supervision.

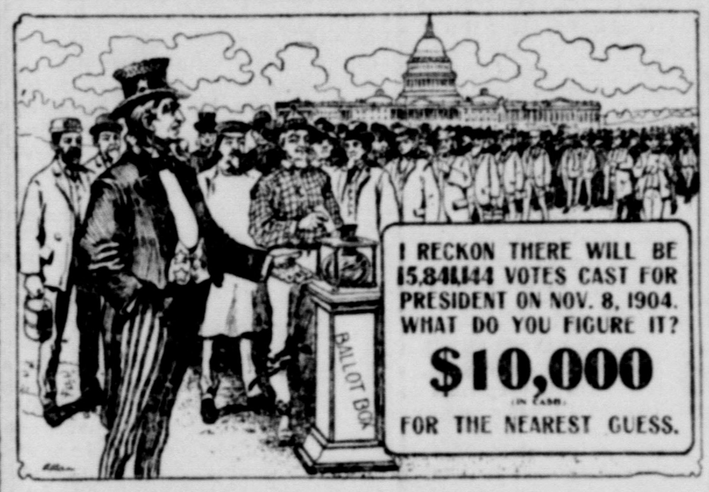
For full particulars address

W. B. KING, Gen. Mgr.,

Ft. Worth Stock Yards, Ft. Worth, Tex.

.....OUR GREAT.....

Profit-Sharing Contest



$25,000 IN 500 Cash Prizes

THIS IS FOR YOU.

First Prize, $10,000
Second Prize, $5,000
Third Prize, $1,000

8 Special Prizes of $500 Each for Early Subscriptions.

Every subscriber to THE DAILY LIVE STOCK REPORTER or THE WEEKLY CITIZEN has a chance to share in these cash prizes. The subject matter of the interesting Contest in which these large prizes will be paid is the Total Popular Vote to be cast for the office of President of the United States on the 8th day of November, 1904. Every man, woman and child in the United States should be interested in the Greatest Election the Country has ever had. It costs you nothing to win a prize.

Conditions of this Great Contest.

Every subscriber who remits 50 cents for one month's subscription to The Daily Live Stock Reporter, will be entitled to two guesses. For a year's subscription to The Weekly Citizen, at 50 cents, he will be entitled to one guess. For each guess he will receive a certificate. These certificates will insure to him any prizes which his guesses will entitle him to claim. When you send us your subscription also send us your guess or estimate of the Total Vote to be cast on November 8th, for the office of PRESIDENT. In making your guess consult thefigures below showing the total vote for President from Lincoln to McKinley. Write your name, address and estimate of the vote in the Subscription Blank. The paper will be sent to you regularly and we will mail to you certificates containing the figures of the guesses which you send to us. This certificate will guarantee to you any prize which your guess entitles you to. Keep the certificate until the prizes are awarded, so that you can compare your figures with the official figures at the close of the contest. The contest will close at midnight, November 7th, 1904, and no estimate received after that hour will be allowed. The official figures of the government showing the total vote cast for the office of Preident will determine who are entitled to the prizes and the awards will be made by a disinterested committee of prominent judges just as soon as the official figures can be ascertained. When the prizes are awarded every subscriber who holds a certificate in the Contest will receive a printed list of the winners. In addition to the large general prizes there are Eight Special Prizes of $500 each for early subscriptions. All have an equal chance to win these magnificent prizes. Those who estimate or guess NOW have a chance to win a special prize and just as good a chance to win the capital prize of $10,000 as the one who sends in his guess on the last day of the contest. Act at once. It may mean a fortune to you. The money with which to pay the prizes has been deposited by the Press Publishing Association, in the Central Savings Bank, Detroit, Mich., and can be used for no other purpose. In case of a tie for any individual prize such prize will be equally divided between the the contestants.

HERE IS THE LIST OF PRIZES.

For the nearest correct estimate or guess.....	$10,000
For the second nearest correct estimate or guess.	5,000
For the third nearest correct estimate or guess...	1,000
For the fourth nearest correct estimate or guess..	500
For the fifth nearest correct estimate or guess....	200
For the sixth nearest correct estimate or guess..	100
For the 10 next nearest correct estimates or guesses, $50 each	500
For the 20 next nearest correct estimates or guesses, $25 each	500
For the 42 next nearest correct estimates or guesses, $15 each	630
For the 100 next nearest correct estimates or guesses, $10 each	1,000
For the 314 next nearest correct estimates or guesses, $5 each	1,570
492 prizes amounting to	$21,000

In addition to the foregoing prizes the following

Special Prizes for Early Estimates will be paid

For the nearest correct guess received before July 1st	$ 500
For the nearest correct guess received on or after July 1st and before July 15th.....	500
For the nearest correct guess received on or after July 15th and before August 1st.....	500
For the nearest correct guess received on or after August 1st and before August 15th....	500
For the nearest correct guess received on or after August 15th and before September 1st..	500
For the nearest correct guess received on or after Sept. 1st and before Sept 15th.....	500
For the nearest correct guess received on or after Sept. 15th and before Oct. 1st.....	500
For the nearest correct guess received on or after Oct. 1st and before Oct. 15th.....	500
Total 500 prizes amounting to.....	$25,000

Valuable Information.

TO AID IN FORMING YOUR ESTIMATES, WE FURNISH THE FOLLOWING FIGURES:

The TOTAL POPULAR VOTE for President in the year

1864, was.....	4,024,792	
1868, was.....	5,724,686	increase of 42.23 per cent.
1872, was.....	6,466,165	increase of 12.94 per cent.
1876, was.....	8,412,733	increase of 30.10 per cent.
1880, was.....	9,209,406	increase of 9.47 per cent.
1884, was.....	10,044,985	increase of 9.07 per cent.
1888, was.....	11,380,860	increase of 13.30 per cent.
1892, was.....	12,059,351	increase of 5.96 per cent.
1896, was.....	13,923,102	increase of 15.45 per cent.
1900, was.....	13,959,653	increase of .26 per cent.

1904, What will it be?

Figure it out or guess at it, and send in your subscription. It may mean a fortune to you.

Be careful to write your name, figures and P. O. plainly.

Don't fail to take advantage of the

SPECIAL PRIZES.

Subscription Blank.

Inclosed find $.....to apply on Subscription Account

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Postoffice .....

State .....

My Estimates of the total vote to be cast on November 8, 1904, for the office of President, are:

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Remember that the CAPITAL PRIZE is $10,000, and that there are EIGHT SPECIAL PRIZES of $500 each for EARLY ESTIMATES. Send all orders to the

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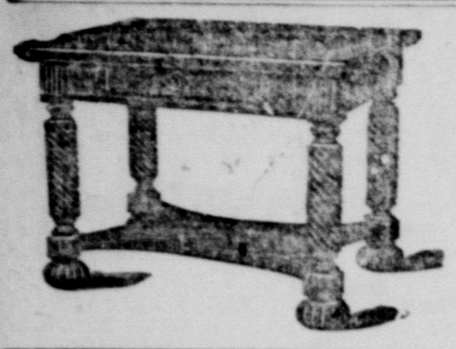

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PROFESSIONAL.

To Live Stock Shippers

I make a specialty of adjusting and prosecuting claims for damages against railroads, for stock injured in transit. If you are interested, write to me.

W. R. BOOTH, Ft. Worth, Tex

5000 Horses and Mules at Auction

At the Fort Worth Stock Yards for one week, Sept. 19 to 24. I want your consignments of all kinds and classes of horses and mules, as there will be more buyers than ever gathered at a sale in the South.

Sale commences Sept. 19th, and continues one week. For full information write J. K. BRUCE, Care Stock Yards Co., Fort Worth, Tex.

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Places you in direct and instant communication with all important towns in Texas and Arkansas and many in other states. Its use will often save you a fatiguing journey.

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RUNS 40 TRAINS DAILY Between FORT WORTH AND DALLAS.

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DALLAS FT. WORTH

HINTS FOR FARMERS

Fly Drivers.

Many remedies have been tried with varying satisfaction, but nothing that we know of has proved more effective than seal or fish oil and crude carbolic acid, in the proportion of a tablespoonful of carbolic acid to a quart of oil, says American Cultivator. It is a good deal of trouble to apply it with a brush. To be quite effective it should be applied twice a week, but it will be found a great help if applied once a week. Another preparation that is highly recommended is a mixture of pine tar and lard, in the proportion of one part of the former to ten parts of the latter. It is put on with a cloth and rubbed down the neck, back, chest and loins when the flies are most troublesome. For a spraying mixture that may be made at home there is perhaps nothing better than coal oil emulsion—a mixture of kerosene and soapsuds shaken together. This has to be applied almost every day when the flies are bad, as it evaporates in the course of several hours.

Beauty on the Farm.

A Kansas correspondent is right in calling attention to the contrast of pretty lawns and trim streets of cities and the slovenly, unsightly, depressing surroundings of most farms as one chief explanation of the reason why country boys are attracted to the cities, because farm life is not made attractive and because the severe utilitarian attitude is always insisted on to the exclusion of everything that might brighten and lend cheer and charm to the life on the farm, says Breeder's Gazette. And yet under the right conditions, which one may create for himself, and with method intelligently directed along the lines not alone of utility, but of pleasure and beauty, farm life may become what it should be—a source of continual delight, contributing to man's serene happiness and contentment as no other calling does.

Rats and Mice on the Farm.

Here is a farmer's mode for ridding his premises of rats and mice: "If you will sprinkle sulphur on your barn floor and through your corn as you gather it there will not be a rat or mouse about. I have done this for several years and have never been bothered with rats or mice. I have some old corn in my crib at present, and not a rat or mouse can be found. In stacking hay or oats sprinkle on the ground and a little through each load, and my word for it, rats or mice can't stay there. A pound of sulphur will be sufficient to preserve a large barn of corn, and it is good for stock and will not hurt the corn for bread."—Tennessee Tomahawk.

Cochins Versus Wyandottes.

I have raised Cochins and Wyandottes side by side for some years and have found that the Cochins lay more eggs per hen in a year than the Wyandottes, says a Michigan farmer in American Agriculturist. I had a number of pullets of each breed that were hatched the same day and raised together, one flock in either half of the same house. The Cochins began laying in December, and by the time the Wyandottes started, which was in March, had laid over 200 eggs. They also weighed two pounds each more than the Wyandottes.

Brans For Sheep.

A report of a German experiment has been received at the department of agriculture of the digestibility of brans fed to sheep—wheat and rye brans and bran resulting from old fashioned milling as against that from modern machinery. It appears that the rye bran was more thoroughly digested than wheat bran, and that, as it might be expected, the bran obtained by modern milling has a lower nutritive value than old fashioned bran, since the latter is not so entirely divested of the other portions of the grain.

Cotswold-Shropshire Cross.

I am a sheep farmer and take a great interest in sheep and all sheep reports and writings, says a New York farmer in National Stockman. Have had twenty-four years' experience in this business and have built up a very desirable flock. Am crossing Shropshire ewes now with Cotswold buck to lengthen staple and increase weight of fleece. My ewes are producing eight pounds of wool and an eighty pound lamb per head.

Grade Your Eggs.

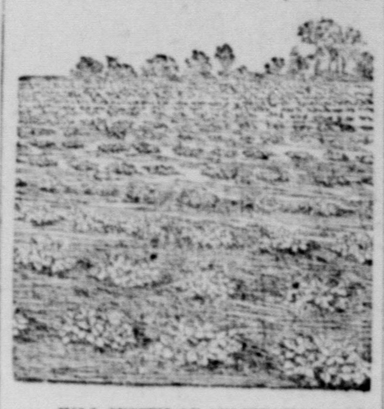
Eggs oftentimes are not graded enough. I have seen dealers make three or four grades out of one case. They will bring better returns if graded and marked fancy brown, brown, hennery, dirties and small or seconds. —American Agriculturist

FARM AND GARDEN

STRAWBERRY CULTURE.

When to Plant—The Hill and the Matted Row Systems of Cultivation.

When and how to plant and cultivate are standard questions confronting the prospective strawberry grower. Professor Corbett of the bureau of plant industry has discussed them extensively in a recent publication. According to Mr. Corbett, planting can be done in irrigated regions at whatever season the work will give best results in future crop production. In humid regions rainfall is a determining factor. In the northern half of the prairie re-



HILL SYSTEM OF CULTIVATION.

gion west of the Mississippi spring planting gives best results. In the middle Atlantic states the work is divided between spring and August planting, with the balance in favor of the latter in some localities. In New England the work is chiefly confined to the spring months, although there are enthusiastic advocates of fall planting, especially among those who combine strawberry growing with trucking on expensive lands near the large cities. In the Atlantic coast states south of New York August and September planting is most extensively practiced, particularly upon the more retentive soils. In the trucking region on the islands about Charleston, S. C., spring planting is extensively practiced. In Georgia and Florida fall set plants return a profitable crop the following spring. On the heavier soils of South Carolina fall planting, with the paying crop one year from the following spring, is the most profitable method. The particular time during summer or fall when the planting should be done will be governed by the occurrence of the seasonal rains—if in July and August, plant then; if in September and October, plant at that time.

As to systems of planting and cultivation, Mr. Corbett remarks that the hill system raises the plant somewhat and admits of more intense cultivation than does the matted row. For the hill system of culture, plants are set singly, 3 by 3 feet apart. In Florida a common practice is to lay off the land in broad beds 8 to 12 feet wide, the rows of plows to run lengthwise of the beds, the rows 24 inches apart, with the plants 18 inches apart in the rows.

In the matted row system a common practice is to set plants in single rows 4 feet apart, with the plants 12 inches apart in the row. The runners are then allowed to take possession of the area for 6 to 9 inches on either side of the original plants, thus making a matted row 12 to 18 inches wide. This leaves 30 inches between the rows, which al-

MATTED ROW SYSTEM OF PLANTING.

lows ample space for cultivation and gathering the fruit. This space can be reduced from 30 inches to as little as 18 inches where land is valuable and it is necessary to secure maximum returns. On thin soil, however, the greater distance is most satisfactory. There is one advantage in the narrow cultivated space. After the second crop has been harvested the runners can be allowed to take possession of the cultivated middle, and when the plants become thoroughly established the original rows can be broken up with a narrow turning plow or a sharp cultivator. In this way a patch can be very satisfactorily and cheaply renewed.

TOBACCO GATHERING.

"Roller Crates" That May Be Made Variously Useful on the Farm.

By T. B. YOUNG, Clemson College, South Carolina.

Tobacco in South Carolina ripens at the bottom of the stalk first, while in most other states it ripens either at the top first or uniformly down the stalk at the same time. Tobacco in this state rarely ever ripens down the stalk uniformly enough to cure the whole stalk at one time. We usually make four or five croppings or gatherings before we get it all. The leaf should be well yellowed before it is pulled. It shows a kind of grain before it is ready to be gathered. It takes experience to tell a ripe leaf upon first sight. Green leaves should never be pulled.

When the tobacco begins to ripen, which may be anywhere from the last of June to the first of September, the bottom leaves are cropped off. This is a very simple process and is done by the laboring class. One cropper will get in between two rows and carry both at the same time. Another laborer, called "crate" or basket carrier, will get in between each two croppers and carry baskets for them to put tobacco in.

Some planters use baskets to gather tobacco in, but in my opinion the best and the cheapest thing to use is a crate. The materials to make one can be bought for 8 cents, and a workman can make fifteen or twenty a day. It requires two end and six side pieces, end pieces eighteen inches wide by twelve inches high and one inch thick, side pieces five inches wide by five feet long and three-quarters inch thick. The crate is carried on a roller which is also made on the farm. Take a little wheel from five to eight inches in diameter, put an axle through it and attach shafts. A small boy at 20 cents per day is sufficient to pull one of these. When the crate is filled it is rolled to the end of the row. Another boy with an empty crate should be there to take his place.

When a sufficient number of full crates are taken to the end of the

A CRATE CARRIED ON A ROLLER.

rows the wagon should take them to the barn. The best arrangement for hauling is to put a foundation on the bolsters of the wagon, higher than the level of the wheels by two or three inches. Then attach thin planks to this, so that the surface will extend over the wheels. The usual size of this surface will extend over the wheels. The usual size of this surface is eight feet wide and twelve feet long. This gives a surface of ninety-six square feet to place the crates upon. This will carry from twelve to fourteen crates without bruising any tobacco whatever. Where it is hauled in wagon bodies a great deal of it is bruised.

After the tobacco is taken to the barn it is strung on sticks. The sticks used are about four feet four inches long. The thread used is ordinary wrapping cotton twine. A notch is cut in one end of the stick, and the thread is fastened in it. Then the tobacco is strung on it in a way that it is impossible to describe in writing.

About three or four leaves are put on a bunch and about thirty bunches put to one stick. The bunches are placed alternately one on one side, the next on the other. Four or five good stringers can string a barn of 1,000 to 1,200 sticks in one day.

After stringing it is taken into the barn and placed. The sticks are placed from six to twelve inches apart on the tier poles and not more than 1,000 to 1,200 sticks placed in 20 by 20 foot barn. After the barn is filled, which is generally done on Monday, the tobacco is ready for curing.

Witch Grass.

This is a terrible weed to eradicate either from the field or the garden. It spreads by means of underground stems called root stocks, says American Cultivator. These run along below the reach of the mowing machine or of grazing animals and often too deep to be disturbed by surface cultivation. They produce buds at their numerous scaly nodes, and these buds develop in new plants in exactly the same manner as branches are produced above ground. The root stocks of couch grass will sometimes grow to a length of ten to fifteen feet in one season, furnishing this weed with a means of rapid distribution and propagation, a character making it most pernicious in cultivated land. The only way entirely to get rid of it is by forking the ground over carefully and picking it out piece by piece. Even the smallest bit left in the ground will start into growth.

Covering the Silo.

Various ways have been tried of covering the silage after the silo was filled to prevent the spoiling of the silage on top, but it has been found that nothing is better or less expensive than to put on water enough to thoroughly wet the top of the silage and have enough so that it runs down between the silage and the sides of the silo. Many avoid all loss from damage on top by beginning to feed immediately after filling, thus giving it no time to damage. The feeding should always be done from the top, taking about two inches from the entire top each day. If the feeding is done too slowly, and part of the surface is left exposed to the air for two or three or more days, then the stock will have partially damaged silage all the time. —C. P. Goodrich Before Wisconsin Farmers' Institute.

Grass in the Orchard.

Horticulturists and fruit growers have long known that grasses are injurious to young apple trees, but it seems that they were wrong in attributing the injury to interference with the air, the water and the food supply of the trees. Carefully conducted experiments and observation at the Wodburn experimental fruit farm in England have shown, however, that there is some direct or indirect product of grass growth that has an active poisonous effect on the roots of the trees. It is also suggested that the so called exhaustion of the soil by certain plants, preventing the subsequent growth of other plants in the same ground, may be due really to some poisonous product left by the first plants.

A New Potato.

The French national society of agriculture has recently had its attention called to a new potato which some French journals say will supplant the Irish potato. It is said to be immune from disease and is said to be an enormous yielder. Its technical name is Solanum commersonii, and it comes from the banks of the Mercedes river in Uruguay.

Arizona Cactus.

In Arizona the cactus grows to an immense size, and there is one specimen, doubtless the largest in the world, which is 232 feet high.

Storing Coal in a Tree.

In the churchyard at a Welsh village there are four huge yew trees, and a large cavity in one of them, which is protected by a door, is used for storing the coal needed to heat the church during the winter months.

Mirages.

Mirages may occur in any place where the denser stratum of air is shifted above the lighter stratum, thus causing a reflection of the rays of light

BEST OF THE SEASON

Lake Erie Pavilion

Tuesday Night, Aug. 30.

BATTLE... OF THE ...BELLES

SIXTY YOUNG LADIES.

Beautiful Costumes, Original Drills, Pretty Evolution, Magnificent Tableaux. A chaste and elegant production. Pleasing to the eye. Well trained chorus.

COMMENTS OF THE PRESS:

Dallas News:—Expressions of delight, surprise and admiration were heard almost every turn of the host of young ladies who marched and drilled in the presentation of the "Battle of the Belles" before an audience that scarcely allowed the applause to lapse.

The Crest (Dallas):—The "Battle of Belles" was one of the prettiest, daintiest, most graceful attraccions ever presented by home talent. The large percent of Beau Brummels that composed the house, and a unanimous assent declared it to be "the prettiest crowd of girls the stage has boasted of this season."

Beau Monde (Dallas):—It would be hard to produce a more artistic or thoroughly pleasing entertainment.

Houston Post:—The thousands present were entertained to perfection.

Greenville Banner:—Greenville had never seen such a beautiful and artistic performance before.

Illustrated Songs and Moving Pictures

ADMISSION 35 CENTS.

The SPORTING WORLD

Titus to Row at St. Louis.

The former champion oarsman of America, Constance S. Titus, is to attempt to regain his title at St. Louis, where the annual regatta of the N. A. A. O. will be held in the late summer. Titus is rowing in rare form, even faster, he says, than when he competed at the Henley regatta, England.

Titus recently gave some valuable advice to scullers. He said:

"The sliding seat gives beginners a deal of trouble and should be studied carefully.

"The slide toward the stern of the shell should begin at the very moment

C. S. TITUS, THE NOTED SCULLER.

you start to recover. The recover is, of course, the act of proceeding from the finish of a stroke to the position for taking another stroke. Naturally you start on the recover at the moment the oars are brought up out of the water.

"The seat should at all times slide with the body. Should you raise your body too much on the catch, which some people term the dip, you will be very apt to 'slip the slide,' a fault common to improperly trained watermen.

"Another fault in manipulating the slide is 'kicking' or 'shooting' the slide. This means to kick out with the legs too soon at the beginning of a stroke. In this case, instead of being well crowded up to the stretcher, with the knees bent almost to the limit, your body is part way back on its slide toward the bow with the knees half straightened."

George Hayt, Presiding Judge.

In the selection of George Hayt of Binghamton, N. Y., to act as presiding judge at all of the grand circuit meetings the stewards have made a choice that is approved not only by the owners and trainers, but by the public as well.

Mr. Hayt is a gentleman of vast experience in racing, and in many years' active connection with the turf he has established a reputation for honesty and knowledge of turf law second to none. He is of a judicial turn of mind, weighs all matters without prejudice and with deliberation and can be depended on to fill the difficult position of presiding judge with absolute impartiality and with fairness to all concerned.

Filling a new position in the trotting world, his acts will naturally be the object of much criticism during the first season, but those who know him best feel that he will admirably meet all the requirements of the most finical. His appointment came in the nature of a surprise, for his name has hardly been mentioned by those busily engaged in assisting the stewards ever since it was announced that a professional presiding judge was to act at all of the grand circuit meetings. Notwithstanding this fact all will agree that the selection was a happy one.

The St. Louis Auto Tour.

Several members of the touring committee of the American Automobile association visited the New York headquarters of the St. Louis tour committee of the association. Among these were R. P. Scott, chairman of the Baltimore-Washington division, and Charles J. Glidden, chairman of the New England section. Mr. Scott stated that, while the entries from his section would not be exceedingly numerous, much interest was being manifested in the states of Maryland, Delaware, Virginia and West Virginia and in Washington. Mr. Scott appointed three new members of his committee, E. Gillett Gill, Baltimore; Geo. A. Mills, Washington, and C. H. Dickey, Roland Park, Baltimore. Mr. Scott will drive a specially built seventy horsepower car either from Baltimore or New York.

Fie, Fie, Gil!

When one speaks of Gil or Joe Curry, one involuntarily thinks of Kentucky and the horses of the blue grass region. In a recent interview Gil is credited with this remark: "California is the greatest horse breeding region in the world. No other place compares with it." Now, what do you suppose will happen to Gil the next time he pays a visit to the state of his birth?

Tommy Corcoran.

The fact that Tom Corcoran is playing a better game at short this season than he ever before played for the Cincinnati management makes one forget that Corcoran may no longer be considered a young blood, but really is one of the veterans of the game.

Doesn't Want Chesbro Anyway.

"The man that says I am dickering for Chesbro is a pipe hitter for sure," says President Dreyfuss of Pittsburg. "I don't care how well Chesbro may be pitching. He could not get back with the Pittsburg club if he offered to work for nothing."

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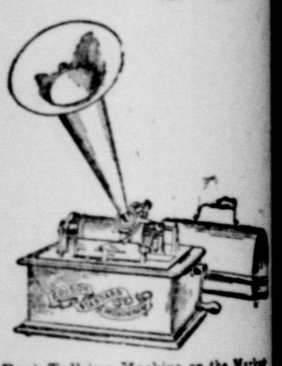

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