

The TEXAS STOCK JOURNAL

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

Vol. 24, No. 9.

DALLAS.—FORT WORTH, TEXAS, WEDNESDAY, MAY 27, 1903.—SAN ANTONIO.

Established 1880

SANITARY BOARD IN SESSION.

An executive session of the Texas Sanitary board took place behind closed doors at Fort Worth Monday. Among other matters discussed were means of providing funds for carrying on the work of the board, the last yearly appropriation of \$10,000 not being available until September 1. About \$3500 is required to tide over the time until then and unless this can be procured the work will be greatly crippled.

Another interesting feature of the session was a report from Joseph W. Parker, the Federal government veterinarian, who was detailed by the Bureau of Animal Industry to proceed to Quanah recently and witness the dipping of cattle in Sarnel fluid for the destruction of ticks, and to observe the effect of the dip on cattle and ticks.

In a letter to Judge M. M. Hankins of Quanah, chairman of the board, Mr. Parker stated that the results of the dipping were favorable, except as to the length of time necessary to kill the ticks, but that further observations were required to establish the claim for the dip that ticks will not get on cattle for twenty-eight or thirty days after they have been dipped. He said that he hoped to have an experimental dipping at Kansas City before very long.

He said that he was instructed by Col. Dean of Kansas City to say that in the absence of further instructions from the chief of the Bureau of Animal Industry, that it was his intention to detail an inspector to witness another dipping and observe results at some point in Texas at any time that conditions are favorable for a thorough test of the efficiency of this dip. He stated that his report had been forwarded to the chief of the Bureau of Animal Industry at Washington.

CATTLE RAISERS MEET.

The executive committee of the Texas Cattle Raisers' association was in session at Fort Worth Monday. Members of the committee present were: A. G. Boyce, Channing; S. B. Burnett, Fort Worth; M. C. Campbell, Wichita, Kan.; Ike T. Pryor, San Antonio; D. B. Gardner, Fort Worth; Dr. E. B. Frayser, Vinita, I. T.; R. J. Kleberg, Corpus Christi; T. A. Coleman, San Antonio; R. D. Gage, Pecos City; R. H. Harris, San Angelo; Richard Walsh, Paloduro, and John T. Lytle, Fort Worth, secretary and general manager of the association.

About seventy-five new members listing about 67,000 head of cattle, were elected.

The committee passed on the rights of members of the association in disputes relative to the ownership of certain cattle.

It was stated at the meeting that the tick situation in certain special quarantined counties, like Knox, Haskell and other counties, was better than it had been for some years past; that last year it was impossible to move herds from those counties, whereas this year they were being moved right along.

EDITORS AT FORT WORTH.

The men who mould public sentiment and keeps everyone in the State informed as to the current happenings of the day visited Fort Worth last Saturday and were royally entertained. Members of the Texas Press Association had previously assembled at Waxahachie and were on their way home. Upon arrival in the city they enjoyed a ride around the "Belt" and later on paid a visit of inspection to the immense plant of the Texas Brewing company. In the afternoon they "took in" the stock yards. There they were pleasantly greeted by O. W. Mathews, the secretary and treasurer, and General Manager King, who escorted them to the new Live Stock Exchange building, where a delicious feast awaited the visitors. Co-

lonel Walker of the Register, delivered an address of welcome on behalf of the Fort Worth press and there were speeches by representatives of the commercial bodies and packing concerns, after which the great plants of Swift and Armour were viewed. Without exception the visitors commented on the substantial growth of the city, the remarkable development of the packing industry and the splendid equipment of the yards.

TEXAS CATTLE IN AFRICA.

It is announced from Galveston, Tex., that the British steamship Atlantian, which sailed from that port April 10 with 2550 head of Texas heifers for South Africa, arrived at Delago bay on the 13th of May after a most successful voyage. During the voyage, lasting thirty-six days, but ten head of cattle died, less than 1 per cent, and many of these were injured by putting them aboard the ship at Galveston. The balance of the cargo arrived at their destination in perfect condition.

The news of the arrival of the Atlantian at Delago bay has been anxiously awaited at Galveston and other Texas points, for although other shipments of cattle to South Africa are now being prepared for future shipments, in a measure, depended on the success of the first. It is generally conceded that a 2 per cent loss on a voyage of that duration would not be more than could reasonably be expected, and to cut this loss down to less than 1 per cent speaks well for the Texas cattle and the care they received on the voyage.

LIVE STOCK AT THE FAIR.

Representatives of the cattle breeders' associations met Chief F. D. Coburn of the live stock section at the Louisiana Purchase exposition early last week for a final draft of the rules to be recommended for the demonstration in connection with the live stock displays at the fair.

This demonstration, as outlined by the rules, is intended to be an enlargement of the dairy test which was a feature of the Columbian and Pan American expositions. It will show in a comprehensive way how the different products of the cow can best be secured under given conditions.

In addition to the breeders from the various associations, Major Henry E. Alvord represented the Bureau of Animal Industry of the United States Department of Agriculture and Professors T. F. Hunt and C. F. Curtis were present on behalf of the Association of Animals, American Agricultural Colleges.

WOOL GROWERS' ASSOCIATION.

The executive staff of the National Wool Growers' association has been completed by the appointment of Mortimer Levering of Indianapolis, Ind., as secretary and Fred P. Johnson of Denver, Col., as field secretary. A. J. Knollin of Kansas City, who has served the association heretofore as secretary and treasurer, will continue as treasurer. These, with Frank P. Bennett of Boston, Mass., complete the executive staff of the association, which will hold its next annual meeting at Portland, Ore., just preceding the meeting of the National Live Stock association, which will be held about Jan. 12 to 15, inclusive, next year.

Don't overlook the unparalleled opportunity which the Journal offers to its readers and friends. See page 2 for details.

BAILEY SELLS HIS RANCH.

United States Senator J. W. Bailey has sold his famous Grapevine farm and pasture in Dallas county to a syndicate which purchased the entire property, with the exception of 300 acres which are under lease. The farm consists of 6000 acres of rich black land, partly planted in grain, cotton and corn and partly pastured with blooded stock.

The farm was sold for \$300,000, \$50 per acre. The stock is to be disposed of at future private sales. The property is the same that Mr. Bailey purchased from former Lieut. Gov. Barnett Gibbs, three years ago.

MEXICAN CATTLE IMPORTED.

There was a considerable falling off in importations of Mexican cattle during April, according to reports compiled in the office of Government Inspector Albert Dean at Kansas City. The totals are, 3234 head, against 5619 head in March, and 8441 head in April of last year. The imports for last month were the smallest for that month in many years. The total imports for the first four months of this year were 16,129 head, against 12,662 head for the corresponding period of last year.

A BRITISH MEAT BILL.

The British agrarian is feeling for the heart of the American meat man, remarks the National Provisioner. He is feeling the competition of the scientifically raised beef of America, and he is asking parliament to enforce the designation of the stuff. The American carcass is branded "U. S. government inspected." Every carcass is so branded, and the British dealer cannot be fooled. If his customer insists upon getting the better stuff he will continue to so insist, law or no law. The Irish and British farmers who father and back the meat bill now before parliament forget that Americans have both learned how to breed as well as to build a beef for export meat, and that such flesh is sweeter and better than the farm-fattened stuff turned out by the Briton now as he did fifty years ago. We have matched him, gone one better and thereby won the market right at his door. Even Englishmen and other foreigners who visit this country admit the excellence of our steaks and roasts here. The American has mastered the situation by making a better product at a lower price than is made in the United Kingdom. The Briton owes the lower price of his meat to this country. The complaint of the British livestock grower can therefore be understood and appreciated, but parliament cannot apply the remedy.

PACKERS DENIED REBATE.

By denying the application of the Anglo-American Provision company of Chicago for a review of the judgment of the circuit court of appeals, the supreme court has in effect affirmed the ruling of the treasury department that no allowance can be made for rebate of the duty on imported borax used in preserving hams and other hog products which are exported.

STAMPING OUT MANGE.

Commenting on the quarantine established by Governor Bailey of Kansas for the purpose of preventing the spread of mange and other contagious diseases among cattle, the Drovers' Telegram says:

The question of dipping cattle is one which interests the stockmen of 29 counties of Kansas more than anything else right now. Yesterday Governor Bailey issued a proclamation placing 29

counties in the western part of the state under special quarantine on account of the prevalence of the itch or mange among the cattle in that part of the state. The proclamation, which is published elsewhere in this issue, provides that no cattle in these counties shall be moved from one pasture to another, nor received by any railroad for shipment until they have been carefully dipped. Three standard proprietary dips and a formula prepared by Dr. Mayo of Manhattan, state veterinarian, are recommended by the live stock sanitary board and mentioned in the governor's proclamation.

According to the assessors' returns for 1902, there were in the 29 counties which are placed under the special quarantine 441,753 head of cattle of all kinds. At 4c per head, the cost of the dip alone necessary to treat these cattle will be \$17,670.12. Add to this the cost of the dipping plants, which range in price, from \$250 to \$350, and it will be seen that the stamping out of the mange in Western Kansas will cost the cattlemen of that section of the state a good many thousand dollars.

Thomas B. Baldwin, special agent of the United States department of agriculture, is in Wichita, and will make an investigation of wheat conditions in this section of the state. Mr. Baldwin stated that when harvest time came it would be found that many of the reports concerning the ravages of the Hessian fly have been exaggerated. The Kansas Grain Dealers' Association which met at Wichita last week, reports that with a continuance of as favorable conditions as those of the present time, Kansas will have a crop that will put at the farmers' disposal 80,000,000 bushels of wheat. The general condition shows a deterioration of from 5 to 10 points. In McPherson county and the western part of Marion county, where the Hessian fly has been most active, the destruction amounts to from 25 to 40 per cent.

ANGORAS OF HIGH DEGREE.

Assistant Secretary W. G. Bardwell, of the American Angora Breeders' association, with headquarters at Kansas City, is being kept unusually busy this season recording purebred kids. Since December he has made out certificates of breeding for no less than 6,000 kids. Most of the stock is located in Texas, but Kansas, New Mexico and Oregon each come in for a good share of the registrations. Mr. Bardwell says the demand for Angora bucks and does is stronger this spring than it was a year ago, and breeders are finding it about all they can do to supply the demand. This accounts for the absence of public sales of goats during the present season. A. B. Hullit, manager of the big Frisco goat ranches in Cuba, Springfield and other places in Missouri and Arkansas, has been at Kansas City purchasing high-grade Angora bucks with which to stock up his brush farms. Mr. Bardwell was paid a visit the other day by George L. Andrews, who recently made \$5,000 by clearing a 200-acre piece of brush land in Clay county, Mo. Mr. Andrews bought the land at a nominal figure, as it looked unfit for farming. He had a small flock of goats on it for less than a year, and a short time ago was able to sell the cleared land to an eastern buyer for almost three times what he paid for it.

The American Jersey Cattle club is preparing to install a herd of Jersey cows at the Louisiana Purchase Exposition that will eclipse all previous Jersey exhibitions. New England, New York and Eastern states have already shipped fifteen cows to Jerseyville, Ill., where they will be held until the opening of the Fair. It is the intention to select the best forty Jersey cows in the world to take part in the dairy test.

What Do You Guess?

What Will be the Total Attendance at the TEXAS STATE FAIR

At Dallas, Texas, this fall, beginning Sept. 26 and ending Oct. 11?

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Gifts Nos. 9 to 13. \$50.00 Each.

To every person successful in this Class will be given a \$50.00 Journal Sewing Machine, noted for its mechanical simplicity, durability and light running qualities. Any housekeeper will be proud of the "Journal" for it is a friend to the mother who has a great deal of sewing to do at home.

Gifts Nos. 14 to 18. \$30.00.

To every person successful in this Class will be given a \$6.00 56 Piece Tea Set. There are few greater necessities and no other greater conveniences about the home than a liberal supply of Chinaware. The good housewife always finds a place for more, because she appreciates an abundance of decorated china.

Next Ten Awards, 19 to 28. \$50.00

Every person successful in this Class will receive a \$5.00 Stevens Rifle; one that puts every shot where aimed. It is safe, durable and handsome. Every boy should have one. Send in your estimate early.

Next Ten Awards, 29 to 38. \$50.00

Every person successful in this Class will receive a \$5.00 Watch—a time-piece that either man or boy should be proud to have—Guaranteed to keep accurate time for a year. Adjustable balance, patent pinion, lever action, with extra heavy crystal and dust proof.

\$500.00. The Next 500 Awards. Nos. 38 to 538.

Every person successful in this Class will receive a subscription to the Texas Farm Journal for one year—A clean, up-to-date paper, combining valuable educational features with a weekly record of agricultural news presented in a condensed and readable form. Those of you who are already subscribers may have the extra time credited to your own subscription or you may have the paper sent to a friend.

The Following Rules Will Govern the Gift Distribution:

1. This Gift distribution will close Monday, 6 p. m., Sept. 28th, 1903.
2. All letters containing guesses should be addressed to Stock & Farm Journal Co., Fort Worth, Texas.
3. All guesses will be numbered as received and dated.
4. In case of tie for any Gift where one or more persons have guessed the same number, the Gift will be awarded to the person whose guess was first received and numbered.

5. However, should there be a tie of guesses on one or more of the Gifts, the second, third or fourth tie guesses, as the case may be, will receive the Gifts following the one awarded to the first successful guess.
6. In case any one does not guess the correct total attendance at the Texas State Fair, the Gifts will be distributed to those guessing nearest

7. The awards will be made on the official report of the president and secretary of the State Fair Association of the total attendance this year.
8. Guesses made by subscribers to the Texas Stock Journal and the Kansas City Farm Journal will be accepted on the same basis in this Gift Distribution as the Texas Farm Journal.

TO OLD SUBSCRIBERS
Those who are now getting the paper can join the Popular Gift Distribution by sending money for the paper and having their subscription extended from time of expiration. Where subscribers are in arrears, money paying up back subscription, with One (\$1.00) Dollar additional for subscription in advance, entitles the subscriber to four (4) guesses for every dollar sent in.

IMPORTANT INFORMATION

To guide and aid those who wish to make estimates, we publish below the yearly attendance of the Texas State Fair for the past 8 years as reported to us by the secretary of the Texas State Fair Association:

1895—167,424	1897—111,456	1899—274,416	1901—224,540
1896—96,900	1898—188,080	1900—279,592	1902—157,844

Fill out this blank and send it in at once if you wish to take part in the Texas Farm Journal Gift Distribution:

GENTLEMEN:—Please send me the Texas Stock Journal for a period of..... years, for which find enclosed \$.....

Name..... Town..... State.....

My guess is..... My guess is..... My guess is..... My guess is.....

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APPLE CROP INJURED.

There is a pest of caterpillars among the fruit trees of Shawnee county, Kansas, which is so serious as to threaten the destruction of what fruit was not killed by the frost. The apple trees north of town are literally covered with the worms and in many places they have been stripped of their foliage. In most cases the destruction has gone too far to be helped by spraying and it may mean the killing of a number of the trees.

Why Suffer Longer?

from indigestion, dyspepsia, or constipation, when so certain a cure is offered you? Vernal Saw Palmetto Berry Wine is a sure and positive cure for all diseases of the stomach, liver, kidney and bowels, while as a remedy for all affections of the bladder, urinary tract, or sexual system, its equal has yet to be prepared. We have so much confidence in Vernal Saw Palmetto Berry Wine that we don't ask you to purchase it until you have tried it and satisfied yourself that it is impossible to exaggerate its wonderful curative qualities. If you are sick, don't delay, but lay this paper down NOW and write to the Vernal Remedy Co., 190 Seneca Bldg., Buffalo, N. Y., for a sample of this wonderful preparation. It will be sent by mail, postpaid, without one cent of expense to you, and the relief you will derive from the sample will show you what a truly magnificent remedy Vernal Saw Palmetto Berry Wine is.

Vernal Saw Palmetto Berry Wine effects a cure because it goes to the root of the trouble and removes the cause of the disease. It builds you up, and by its action upon the mucous membranes lining the various passages and cavities of the body, assists the system to throw off the dead and useless matter that accumulates and poisons the body. It gives you a regular internal bath, and only one dose a day does the work.

If you are sick, why hesitate when a free trial bottle of this excellent remedy is yours for the asking?

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IRRIGATION IN THE WEST.

Regarding the effect which irrigation will have upon the development of the west, Senator H. C. Hansbrough of North Dakota, father of the irrigation law, says:

"Irrigation will play a great part in settling the West, and will bring much of its waste lands and all of its waste water into use.

"Under the national irrigation law, enacted just a year ago, I believe that fully 60,000,000 acres, or about ten per cent of the present public domain area, will be reclaimed; but it will require at least forty years' time in which to do it. This means homes for about two millions of people on the farms, and half as many more in the cities, villages and hamlets. During the same time private enterprise will reclaim 40,000,000 acres, which would afford homes and employment for an additional two millions of people; or 100,000,000 acres of reclamation and five millions of population in something less than half a century.

"It is difficult to estimate the value of this new real property, with its personality, but it cannot be an exaggeration to say that it would amount to at least \$5,000,000,000. The work thus far under the new law has been wholly of a preliminary nature. It is expected that the Secretary of the Interior will soon announce the location and character of the first enterprises to be entered upon. This announcement will be in the nature of a proclamation withdrawing from entry the lands to be irrigated, that is, withdrawing them from entry under any of the land laws except the irrigation act. Under this act the entryman must have all the qualifications of a homesteader, and among other things must contract to pay, in not less than ten installments, his pro rata share of the cost of the works by which he is to be supplied with water. He must also live upon and cultivate the land. The law is thoroughly safeguarded so as to prevent speculation.

"In framing their constitutions nearly all the Western States inserted the most stringent provisions as respects the control of streams, and nobody expects the Secretary of the Interior to have an easy time of it adjusting disputes that must necessarily arise. Undoubtedly the federal Supreme Court must pass upon many of the controversies before orderly progress is assured. No doubt if some of the states were to amend their organic laws they would be much more liberal. Under the law all irrigation works are in time to be turned over to the people. Thus will wealth be added to the state, and the newly-created property pass eventually under the complete control of state."

DESTROY THE WEEDS.

One of the great aims of the farmer should be to keep up with his work. One of the essentials is to keep the weeds down. Get after them continually and by all means don't let them get the start of your cultivated crops.

It has been said that the crops grow while the farmer sleeps. True, but the weeds likewise flourish unless held in check. Keep the weeder going in the beginning and use the cultivator persistently.

May and early June may be properly termed the crisis period in farm work, so far as the weeds are concerned. Weed seeds are hardy and are sown by nature long before farm crops are planted, and are only waiting for warmth and moisture to bring on successive crops. There are the annuals, or weeds, which germinate, bloom, fruit and die in one year; the biennials that give forth roots, leaves and stems the first year and seed the second, then die; the perennials which live from year to year, giving bloom and seeds yearly.

So it is to be seen that weeds are pernicious and are sure to appear in one of the three forms at all times during the growing season. The remedy is clean seed, and proper methods of tillage and cropping.

COMMON POULTRY AILMENTS.

An ailment that sometimes gives trouble is what is called "crop-bound," which shows itself in the crop becoming hard and distended, as the food will

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NEW THROUGH SLEEPER CAR LINE TO COLORADO.

Announcement is made that, effective June 1st, the International & Great Northern and Fort Worth & Denver-City railway lines will establish New Through Sleeping Car-Service between Galveston and Houston, Texas and Denver, Colorado.

This is one of the best and most important moves made by the International and Great Northern toward firmly establishing its newly completed Galveston-Houston-Fort Worth line with the better part of the traveling public, because of the fact that Colorado is by far the most popular resort section of the country, being visited by thousands from the Southwest every season. The "Denver Road" being the pioneer and short line or outlet for practically all Texas to the northwest and having enjoyed the great bulk of such travel for years, the International and Great Northern is fortunate indeed, in having effected the joint through car arrangement referred to, and it may safely be predicted that through such co-operation the tide of tourist travel to Colorado resorts will be materially increased.

WITH THE BREEDERS.

An event of special interest to stockmen all over the Southwest is the twenty-first annual sale of Hereford cattle to be held at Chillicothe, Mo., June 2, 3 and 4, when Mr. T. F. B. Sotham will offer at auction some of the finest pure bred Scotch-American individuals that were ever bid upon in the ring. The famous Sotham herd was founded in 1839 by William H. Sotham, father of the present owner, and from that time to this it has steadily grown in importance and prestige. There are 15 pure bred bulls and 35 pure bred heifers, 1500 high grade steers and 500 high grade heifers to select from, consequently those on hand early will be afforded splendid opportunity for securing the best.

EVERYBODY HAS IT—THE PUBLIC LEARNING WHAT IT MEANS—PROOF NOT LACKING.

Everybody has that tired feeling. Keeps you wake at nights. Easy to shake it off. If you go at it right. Some say it's bad blood. Others say it's a lazy liver. They're all wrong. Tired feeling means tired kidneys. As a lame back means lame kidneys. And backache means kidney ache. How do we know it? Because Doan's Kidney Pills cure it. Here is a case in point:

James H. Armstrong, employed with John E. Homan, plumber and electrician, living on the north side, Fort Worth, Texas, says: "If pain in the back just across the loins which clung to me persistently for two and a half years, and which resisted all my efforts to check let alone cure is any indication of kidney complaint, then I had attacks of it far too long to be pleasant. My brother insisted upon me trying Doan's Kidney Pills and gave me a few doses. They produced marked results and I was led from this to go to Weaver's Pharmacy for a box. I know from the results obtained up to date that the remedy can be depended upon to act just as represented."

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The Journal Institute

CARE OF THE FARM ORCHARD.

The orchard like every other crop needs care and cultivation, but this is the thing that farmers generally neglect. They will cultivate the corn and care for all the other farm crops but never think of cultivating the orchard. They are used to the old way of planting trees in some odd corners wherever there is room for one and never expect to do anything to them expect to gather the fruit, if nature has been generous enough to provide a crop. If the trees fail they wonder why it is that they do not thrive and bear as nice fruit as they see on the market. They do not realize that it is their own fault and that nature does not bestow her rewards unless we are willing to work for them. In the early years the farmers would raise a fair quality of fruit without much work the land was fertile and there were no insect enemies nor fungus diseases to fight.


The farmer's first attention should be called to the benefits derived from thorough cultivation. Start early in the spring as soon as the soil is fit to work. First using the plow to encourage deep root penetration and afterwards shallow cultivation at least every two weeks, and after heavy rains as soon as the land is dry enough, so as to prevent too rapid evaporation, and the baking of the soil. Cultivation should be kept up until about the middle of July, when the wood growth of the trees should be completed and the trees given a chance to mature their wood and develop their fruit buds.

are to be utilized as follows: Place corn-cobs endwise in the furrows in two parallel rows, 6 to 8 inches apart. Then place across said two rows cobs to a proper depth and cover with soil. Hollow places beneath the cobs will thus be formed. Before the cobs are covered with soil a proper number of round stakes, about one-inch in diameter, may be driven through the cobs into the soil and a proper number of cobs stood endwise around them. After the cobs have been properly covered with soil the stakes may be withdrawn, thus leaving holes that will be convenient for admitting the air to the vacant spaces and for other purposes. The roots of the vines will readily follow said vacant spaces, and if an investigation be made after the vines have attained considerable size a complete net work of fine roots will be found on the surface of the soil beneath the cobs.

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excel windmills or any other power in amount of duty, constancy and cost of running. Always ready. A trifling for gasoline gives you the water 30 men could pump. 2 1/2 full horse power for any purpose. All sizes up to 200 h. p. Write for free catalogue.

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The use of a cover crop to check heavy wood growth is recommended. Such crops draw a large amount of the moisture from the soil thereby checking the tendency of the tree to continue to grow until late in the fall. Cover crops also protect the roots of the trees in winter for they tend to hold the snow thereby preventing the frost from penetrating the ground to any considerable depth, thus preventing the injury of the roots by the frost. The cover crops should be plowed under in spring to provide for the humus in the soil and also for some fertility. Nitrogen is most economically supplied by sowing some leguminous plant for cover crop and turning them under in spring.

Most fungus diseases may be prevented or held in check by spraying with bordeaux mixture. The first application should be made about the time when the buds begin to open and repeat two or three times until the leaves are fully expanded. It should be remembered that the application of bordeaux mixture is for prevention, and no cure should be expected if the disease has gained a foothold. Bordeaux mixture is made as follows: Dissolve 5 pounds of blue stone in two gallons of water and slack 5 pounds of fresh lime in 2 gallons of water, add the lime to the blue stone and then add water enough to make 50 gallons. To this mixture paris green may be added, and thus saving the time of a separate application.

Time for planting—Tin cans.—Seed for early melons in this climate, may be planted from the 7th to the 10th of April. Tin cans of proper size, having but one head, inverted over the melon seed will, as I believe, prove one of the most practical plans yet devised for starting early melon plants. It will be well to place some soil on the bottoms of the cans to prevent the tin from reflecting the sun, or if the outside bottoms of the cans be painted black no soil will be needed. The seed may be soaked about 12 hours in tepid water, taken out and soon after they commence sprouting, planted, sprouted end down. Where one vine only for a hill is desired three sprouted seed for a hill will be ample; sprouted seed will come up better, especially when planted in the open air. Fruit cans will answer but cans about 8 inches in diameter and 6 inches deep are preferable. The sun shining on the bottoms of the cans will soon cause the seed to germinate. After danger from frost has passed the cans should be removed and the plants cultivated. A few seed may be planted outside of the cans, thus testing the plant.

Mark Your Stock

USE THE KENTUCKY ALUMINUM EAR LABEL

MADE BY F. H. JACKSON CO., Winchester, Ky.

Samples free for the asking. Write them today.

Pruning is another very important matter. It should be done at least once a year and preferably in the spring before the sap begins to flow so as to prevent the loss of stored food through the flow of sap from the wound. If branches tend to interfere with each other, they should be removed and all water sprouts should be cut and if any branches grow out further than the rest they should be cut back, so as to make a symmetrical tree. In pruning a tree the aim should always be to secure an open crown, so as to permit the free circulation of air which will produce better colored fruit and tend to prevent fungus diseases. A little pruning should be done throughout the summer. If any shoot is growing where it ought not to, cut it out the first time you see it, and also any buds starting from the trunk of the tree should be rubbed off as soon as they appear.

Next comes the fertilizing of the orchards. Farm orchards are generally provided with too much fertilizers than too little, which makes the trees grow too fast and thus become subject to blight. It is best to wait with the application of fertilizers until the trees make a moderate slow growth and produce good crops. Wood ashes are very good fertilizer for the orchard because they contain large quantities of potash and phosphoric acid and these are the elements most needed by the trees.

Decoy Beds.—Where vines are exposed to the ravages of insects, decoy beds are excellent to protect them. These beds, one to two feet square, may be constructed here and there in the melon patch and watermelon seed sown therein rather thickly. The plants being tender will attract the insects and thus save the hills. A mixture of soot, and ashes, three parts soot and one of ashes, applied to the hills when the dew is on, will afford still greater protection by driving the insects to the decoy beds, where they can be readily destroyed.

Dr. Woolley's PAINLESS OPIUM AND Whiskey Cure

SENT FREE to all users of morphine, opium, laudanum, elixir of opium, cocaine or whiskey, a large book of particulars on home or sanatorium treatment. Address, B. M. WOOLLEY CO., 104 N. Fryer Street, Atlanta, Georgia.

Another thing to watch out for is sunscald. This generally occurs in the months of June and July, when the sun's rays are strongest and with the afternoon's sun from 12 to 3 o'clock. The sun's rays heat the trunks of the trees to such an extent as to scald the cambium and after this it dries up, and no more sap is carried by it. The result being the drying up of that side of the trunk and crippling the tree for the rest of its life. This can easily be prevented by protecting the trunks of the trees with some protector such as rye straw, lath or even a board fixed to the south side of the tree.

It is almost impossible to induce the farmer to cultivate, prune, spray and care for his orchard for the simple reason that he has never tried it. He has been accustomed to sack up the fruit as a gift crop. But let him once try it and he will soon find out that it is no more work to spray, prune and cultivate the trees than it is to cultivate the potatoes and poison the potato beetle. And in figuring up the amount of work and expense applied to the orchard and the returns he gets from it he will be surprised to learn that one day's work in the orchard brings greater returns than 2 or 3 days' work on other crops.

When the melon vines run about four feet, from one to three ounces of nitrate of soda may be applied to each plant. A portion may be applied to the hills and the residue dissolved in water and poured down the holes constructed in the corn cobs. It will be better to divide the dose into two or more applications.

POSITIONS. May deposit money in bank till position is secured, or pay out of salary after graduating. Enter any time.

Draughon's Practical Business Colleges.

Ft. Worth, Galveston, Little Rock, St. Louis, Montgomery. (Catalogue Free.) Atlanta, Nashville. (Write either place.) Shreveport. Schools of national reputation for thoroughness and reliability. Endorsed by business men. BOOKKEEPING, etc., taught by mail. Send for 150 p. College catalog, or 100 p. on Home Study.

One of the enemies to look out for is the borer. Several preventative methods have been given to the public but I think the best way is to enclose the trunk with some covering matter, so as to prevent the beetle from depositing its eggs on the trunk of the tree. Fine wire netting veneer or tar paper will be found suitable. These coverings should extend three or four inches below the surface. Should the

NEW PLAN FOR GROWING MELONS.

The following plan produces a rank growth of vines and consequently they require good distance. Lay off the rows about 12 feet apart and run some suitable narrow plow several times in the bottoms of the furrows. A liberal quantity of fresh stable manure after it has been properly balanced, may be applied in the drills and well mixed with the soil. To-balance the manure, add to each ton of manure 50 pounds of muriate of potash or 200 pounds of kainit in lieu of the potash, and 180 pounds of acid phosphate. Construct in the furrows low hills 12 feet apart; they may receive an additional supply of the stable manure.

It is not expected that the above plan will be adopted to any considerable extent. I tested it sufficiently to ascertain the remarkable effects of the atmosphere when admitted to the roots of plants, and the plan is certainly worthy of further tests.

NO HUMBUG. Three in One. Brins Y. Stock Marker and Calf Detector. Hogs with Horns. Price \$1.50. Send \$1 for trial. If it suits, send balance. Pat'd May 8, 1905. Reg and Calif Under only 75c. FARMER BRIGHTON, FAIRFIELD, IOWA.



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

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ONE WAY Colonist Tickets TO CALIFORNIA \$25.00 VIA Houston & Texas Central RAILROAD

On Sale Daily Feb. 15th to June 15th. H. and T. C. Trains leaving Dallas at 9:55 a. m. and 8:30 p. m., make connection at Houston with the Sunset Limited and Pacific Coast Express Carrying Pullman Excursion Sleepers HOUSTON TO SAN FRANCISCO Without change. Stopovers allowed at Points in California.

For all information and California Literature see A. G. Newsum, Ivon Lee, C. R. Bulluck, D. P. A. C. P. A. C. T. A.

BRYAN TYSON.
Carthage, N. C.

COW PEAS FOR SUMMER FORAGE

In a number of tests at the Nebraska Experiment Station made to determine which of the numerous forage plants was best for summer pasture, one-fifth of an acre of cowpeas furnished twenty days' pasturage. This, with one year's previous experiments, shows that cowpeas far surpass all other crops except alfalfa in increasing the flow of milk of the dairy cows, and the amount of butter fat produced. Calculated from average results for two years, a cow produces more milk milk in twenty days on cowpeas than she will in twenty-five on sorghum.

The Kansas City Poultry Club met at the Midland hotel one evening last week and began preparations for the exhibit to be held under its auspice from June 5 to 10. An Oklahoma breeder proposes to exhibit sixty varieties of chickens.

Apply in the drills between the hills from 400 to 800 pounds per acre of a fertilizer containing phosphoric acid and potash only, in the following proportions:

For phosphoric acid use: acid phosphate 290 to 480 pounds or dissolved bone 255 to 510 pounds.

For potash use: muriate of potash 95 to 100 pounds, or sulphate of potash 95 to 190 pounds, or kainit 380 to 760 pounds.

I have found from experience that melon vines appear to fruit better and produce melons of better quality when treated with but little nitrogen during their early growth.

The construction should be such that furrows of proper depth and width will be left between the hills; these furrows

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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 close 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 Folds 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.

HEREFORD GROVE STOCK FARM, Childress, Tex., breeders 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. U. S. WEDDINGTON, manager.

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.

Red Polled Cattle.

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

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.

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.

REGISTERED DEVON CATTLE, Breeder, A. Y. Walton, Jr., San Antonio, Tex. R. F. D. No. 1.

"SAN MARCOS VALLEY HERD" Registered Red Polled cattle for sale. J. L. JENNINGS & BRO., Martindale, Tex.

MAVERICKS.

Yearling steers out Monahans and Fort Stockton way readily bring \$16 to \$18 per head.

C. S. Mitchell of Dallas will sell a carload of Shorthorn and Red Polled cattle at Jackson, Miss., June 2.

W. E. Gates of Wheeler county has sold his ranch of five sections on the Sweetwater to P. M. Morris of Harrold for \$18,000.

The upper Panhandle has been enjoying a baptism of moisture of late. Pastures are in fine shape, and there is an abundance of stock water.

Cattle are selling cheap in some parts of Indian Territory, yearlings being quoted at \$10, twos at \$16 and threes at \$21 around Marlow.

Louis Nance, foreman of the Five A horse ranch, Puerto, N. M., was killed by the accidental discharge of his six-shooter a few days ago.

Material is being placed on the ground for the erection of a commodious stone ranch house at Paloduro, headquarters of the great J. A. ranch, owned by Mrs. C. Adair of England.

The steamship Anglo-Saxon sailed from Galveston May 21 with 1100 head of Texas cattle for Africa. Major Maud of the British army says that the Atlantian will shortly return to Galveston for another cargo of 2550.

J. V. W. Holmes has purchased the interest of J. H. Booth in the ranch and cattle near Sweetwater which they formerly owned for \$48,000. Sixty sections of land and 2000 head of cattle are included in the deal.

James Doniphan, a young man employed on the Day ranch, near Coleman, was kicked in the head by a horse recently and so seriously hurt that there is thought to be but little chance for his recovery.

Among the new members recently enrolled in the Panhandle Cattlemen's association are: Coffee & Carr, Ochiltree county; O'Keefe & Kiser, Bovina, Tex., ranch in Lamb and Bailey counties; S. S. Evarts, Hereford, Tex., ranch in Crosby county.

B. F. Robey, breeder of Registered Red Polled cattle near Coleman, made the following sales recently: To W. H. Hoss, one registered Red Polled yearling, \$75; to Bird & Mertz of San Angelo, one yearling at \$225; to W. I. Grinnell of Ozona, one yearling at \$125.

Steps are being taken by the Amarillo board of trade to interest sufficient capital for the construction of a railroad from that place to some convenient point on the Texas and Pacific. The line, if built, will prove of great benefit to the cattlemen of the Panhandle.

The deal that has been pending for some time between Will Winston and W. R. Felker for the sale of the Winston ranch, near Iatan, has been finally closed. Mr. Winston sells Mr. Felker fifteen sections of fine grazing lands for \$12,500, but no cattle are included in the transaction.

Sid Peterson has sold his ranch at the head of the Second Creek, near

Kerrville, to H. C. Bickford of the Cherokee Nation, for \$9250. The transfer will be made at once, and Mr. Bickford will take possession June 1.

It is now claimed that the biggest ranch on earth is located between Arizona and New Mexico. It consists of 1,700,000 acres, mostly in Cochise county, Arizona. W. C. Green is the owner.

Dabney & Johnson of San Angelo bought Territory cows from the following Water Valley people within the past few days: Stanley Turner, 53; Harry Howard, 45; J. W. Knapp, 130; J. C. Smith, 120; Atkinson, 11. The prevailing price for the above cattle was \$12.

The largest price ever paid for grass steers in Beeville was \$40 per head, realized a few days ago by J. H. Hampton, the Live Oak county ranchman, for a bunch of 4's and 5's. They were sent to New Orleans, and sold there at a profit by H. T. O'Reilly, the purchaser.

W. C. Winston has sold his ranch twenty miles west of Colorado City to W. R. Felker of Rogers, Ark., for \$12,500. Fifteen sections of land are included in the deal. Mr. Winston will probably locate near Roswell, N. M., where he expects to purchase an alfalfa farm.

Sheep shipments from San Angelo last week: Wm. Noelke, 2543 to Kansas City and St. Joseph; J. R. Hamilton, 3820 to Kansas City and St. Joseph; D. B. Cusenbary, 1250 to Kansas City and St. Joseph; J. R. Hamilton, 1250, to Kansas City and Fort Worth; Blake Cauthorn, 500, to Kansas City and 250 to Fort Worth. South W. L. Locklin, 2000 to Kansas City and other points; A. J. Crawford, 450 to Kansas City and St. Joseph; W. W. Means, 2250 to Kansas City.

Day & Criswell, proprietors of the Lazy "F" brand, are said to be gathering their entire holdings of 12,000 head, preparatory for shipment to Canada, where the firm is locating a big ranch. The reason for their going is given as the advance in the price of leased land in Texas. It is claimed that land that they formerly leased at 3 cents per acre is now being held at 8 and 10 cents, and the firm regards this advance as prohibitory.

Some of the Texas stockmen are lamenting the fact that the range is being badly overstocked, observes the Drivers' Journal in an editorial. This is especially true of Western Texas, and the evil is increasing with each succeeding year, for more men are working into the business. Under the lease law overcrowding cannot be helped, and in some localities has become a detriment. The only way to gain relief is to have enough land so that half of it is resting in alternate years, or else supplement the native grass with a good forage crop. If stockmen think they are crowded now, what will they think twenty years hence?

SENATOR INJURED BY STEER.

Senator Cal Morrow of Washington, Kas., had a narrow escape from injury or death Thursday. His neighbor Clay McNitt, a cattleman was losing some cattle from a peculiar disease. McNitt didn't know what ailed them and Morrow went over to look at them. He got in the feedlot and was watching the sick cattle when one big steer, frothing at the mouth, made for him. The senator dodged around and finally reached the fence. The steer, with his horns helps him over. It afterwards developed that the animal had hydrophobia. Eight of McNitt's cattle have died within a week and more are still sick. The state veterinarian has been summoned to the scene.

PRECAUTIONS AGAINST MANGE.

The state livestock sanitary commission of Kansas has formulated an order that all cattle in counties affected by the mange or Texas itch be dipped. The board was in session all day, with W. A. Thomas, state veterinarian of Nebraska, considering the promulgation of the order.

The territory which will be affected will be that west of the fifth row of counties east of the Colorado line. Governor Bailey will issue a proclamation.

Breeders Who Seek Your Trade 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. SAMUEL, 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. I. BURGESS, managers, Fort Worth, Texas.

BLUE VALLEY HERD Immune Shorthorn cattle. Foundation consists of get of Mr. Leonard's "Lavender Viscount" and Mr. Gentry's noted bull "Victorious." A few bull calves for sale. Write for prices. J. W. CAREY, Armstrong, T. T.

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 Undeatable 1000 Bull Royal Cup No. 123093 and out of \$500 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 \$25.00 "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. HUBSON, Gainesville, Texas. Exclusive breeders of registered Shorthorn cattle.

DURHAM PARK HERD SCOTCH SHORTHORNS.

Herd headed by Young Alice's Prince 171111, Champion Shorthorn Bull of Texas. Imp. Count Mysie 149751, bred by Geo. Campbell, Aberdeenshire, Scotland. DAVID HARRELL, Liberty Hill, Texas.

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, Alendale 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.

When writing to advertisers please mention The Journal.

Information directing the sheriffs of the counties named to see that the order is enforced.

CANADIAN BREEDERS AT FAIR.

Live stock breeders of Canada will make a big display at the World's Fair, St. Louis. They have asked for government assistance to the extent of \$250,000.

On the thirty-seven acres of ground devoted to the live stock department at the World's Fair at St. Louis are being built 2,800 stalls. Two thousand and four hundred of these are open stalls, 5x10 feet. The remaining 400 are box stalls, 10x10 feet. In addition four octagonal dairy barns will provide 140 open stalls and 28 box stalls.

Strong smelling materials should not be permitted to remain in the stable any longer than it takes to remove them. The manure should be stored outside the barn and removed to a distance as often as possible.

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

T. B. SAUNDERS, Gen'l Manager T. B. SAUNDERS and B. HACKETT, Salesmen. W. E. JARY, Sec'y and Treas. GEO. W. SAUNDERS COMMISSION CO. FORT WORTH STOCK YARDS, Fort Worth, Texas. Consign your stock to us at Fort Worth, St. Louis, Kansas City, St. Joseph or Chicago. SEE MARKET REPORT—Free on Application. BANK REFERENCES: American National Bank, Ft. Worth; D. & A. Oppenheimer, San Antonio; John Woods & Sons, San Antonio.

SWINE

Sunshine, combined with shelter during bad weather, and succulent feed are the elements of success in swine raising.

When symptoms of thumps first appear progress of the disease may be arrested by compelling the pigs to take more exercise.

TANKAGE FOR SWINE.

The government experts have been testing the effects of packing house tankage or meat meal when fed to pigs and recently issued a treatise on the subject. In conclusion the bulletin says that some experiments in Indiana have shown great advantage in tankage as pig feed. It contains a high percentage of protein and an amount of phosphoric acid largely in excess of that found in any corn or byproduct of mills. Phosphoric acid for pigs is useful in building up bone structure, an important feature with our pigs of to-day, while the protein, of course, has a universally recognized value. The weakness is pointed out of using corn meal as a single ration in feeding growing, fattening pigs and also the great value of adding a food rich in protein (such as tankage) to the corn, thus producing a better balanced ration and securing more desirable results in both health and growth. A ration is suggested consisting of five portions of corn to one of tankage or beef meal. Experiments are cited where such a ration gave over thirty per cent greater net proceeds than a corn ration alone. Reports to the department from various sources indicate that the use not only of tankage, but also of dry blood for feed for all kinds of farm animals is increasing. In addition to being a nutritious food, dry blood has been found by the Kansas Experiment Station to be an excellent remedy for scours in calves. The value of beef meal as a chicken food is generally recognized.

SHIPPING HOGS TO MARKET.

In one of the reports of the Kansas Board of Agriculture some points are given on the subject, "Shipping Hogs." The information was collected by consultation with the leading commission men of large cities. It is pointed out that much loss is traceable to hogs being overloaded, shippers being careless at all times and thinking they are loading only 18,000 or 19,000 pounds when, in fact, they are putting in 21,000 to 23,000. In addition to the loss derived from this source, many hogs are crippled and die from the manner in which they are handled before the shipper gets possession of them. Hogs coming out of a wet, manury car in cold weather generally depreciate at least five cents per hundred when placed on the market. The advice of commission men is that it always pays to clean cars thoroughly and bed them with hay and straw before shipping. Each carload should be graded so as to be as even as possible. They will not only sell better when this is done, but they will ship better than if the large and small hogs are mixed. Care should be taken to have hogs in as near their normal condition as possible when they are loaded on the cars. A common mistake is that of overfeeding or overdriving hogs immediately before placing them on the cars. It is much better to allow them to rest and cool off before placing them in the cars. It is usually advisable to distribute a good feed of corn throughout the car.

A common mistake made by farmers is that of shipping pregnant sows. This is no doubt based on the belief that a sow from one to two and one-half months gone is just as good for meat purposes as one that has not been bred. One large packing company says that depreciation in the meat of a sow begins very shortly after she becomes pregnant. Another firm denounced the practice of shipping such sows and made the statement that it ought to be considered criminal to send an animal to the slaughter when in this condition. Packers claim that a dockage of forty pounds does not cover the loss that is incurred in the handling of pregnant sows.

FACTS ABOUT PIG FEEDING.

Col. G. W. Waters of Missouri, contributes a valuable article to the last

monthly bulletin of the Missouri State Board of Agriculture, from which the following is taken:

The pig makes by far the greatest amount of gain for the food consumed of all of our meat producing animals. Dr. Warrington in "Chemistry of the Farm," states that for each one hundred pounds of feed consumed the gains are: Cattle 9 pounds, sheep 11 pounds, pigs 23 pounds, or pigs make nearly two and a half times as much gain from a given amount of feed as do cattle. But to state the matter concisely, analyses show upon the average that for every one hundred pounds of the digested nutrients consumed cattle gain 12.7 pounds, sheep 14.3 pounds and pigs 29.2 pounds. It may be suggested here that when prices are anything like the same it is a vastly more profitable use of feed to produce pork than beef. But of course there is a place for cattle, as there are many varieties of feeds suited for cattle that pigs cannot use.

It is worthy of thought, however, to try to broaden the uses of feeds for pigs, for they will use profitably many of our feeds that we do not think of, as we shall see as we proceed. By properly preparing them there are many of our coarser feeds that may be fed to pigs, and in this way not only secure an increased amount of grain, but at the same time the pigs will have a greater variety of feeds, thus securing better health and thrift.

GIVE A VARIETY OF FEEDS.

Pigs do better on a variety of feeds than on any single feed. This is a principle of universal application in all classes of stock feeding. This proposition is well understood by the farmers, but still it is ignored so completely that we think it well to give it some emphasis. Just how much better the pig will do if fed a variety, we will let the pig himself testify, for whatever other mean thing a pig may do, he will not tell a lie. The following are some of the results. Many other tests have been made, all pointing to results much the same. This is from the Wisconsin Station, five lots, 4 in each lot:

Lot.	Kind of feed.	100 lbs. gain.
1.	Corn alone	537 lbs
2.	Middlings alone	522 lbs
3.	½ corn and ½ middlings	439 lbs
4.	½ corn and ½ oats	429 lbs
5.	Corn plus clover hay	422 lbs

It will be observed that by combining shorts and corn half and half there was a saving of nearly 100 pounds, of the mixture in producing 100 pounds of gain. By the use of one-half oats and one-half corn more than 100 pounds was saved. By the use of a little clover hay, over two bushels of corn was saved in producing 100 pounds of gain. At that rate clover hay would take the place of five bushels of corn in bringing a hog up to 250 pounds, marketable size. How is the clover hay fed? Better probably to chaff it in cutting box, dampen it or steam it, but it may be fed dry in racks.

The value of rape as a summer feed is unquestioned. Old feed lots, instead of being allowed to produce luxuriant crops of jimson and burdock can be planted to rape. I have seen many such instances verifying the foregoing table. Just as good results are had from rye pasture for fall and early spring. Then might come early sown oats, then sorghum, then rape, then cow peas, making a continuous succulent pasture practically the year round. While farm animals do better when they have the run of a pasture than if the same growth of the pasture is cut off and fed to them as in soiling, yet the same yield will go four times as far when soiled. The time is coming on when land will be so high that it will not be economy to turn stock onto the crops to trample them down and get only one fourth of their actual value. The pig will do quite well on soiled crops. But the best plan, probably, would be to put the crops into the silo. Mr. E. N. Cobb of Monmouth, Ill., feeds his hogs for fattening, a combined ration of silage and ear corn to great advantage. He feeds his brood sows on a ration of ten pounds corn silage and two pounds of oats daily. They do splendidly on it, and it makes a cheap ration. Clover in season, sweet corn, rape, etc., may be cut and fed to the pigs with profit.

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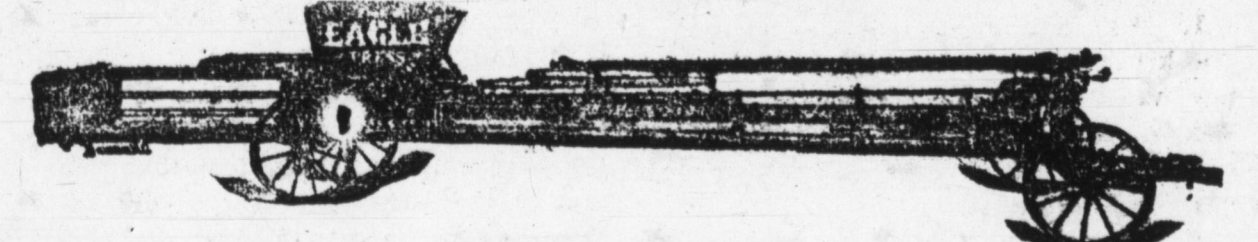
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THE HORSE.

RANGE HORSES ON THE FARM.

"Last season and the season before before several drives of Western horses were driven through this part of the country and peddled out to this or that farmer—to any one, indeed that would pay the price for them," writes an Iowa correspondent of Breeder's Gazette. "For the most part they brought from \$25 for the poorest up to \$75 or \$80 for the best draft bred animals, and these latter have generally given good satisfaction. I bought three of them out of a large band and paid \$180 for the three. They are broken and pulled the binder all last summer in harvest time, the three making up to weigh about 3000 pounds. The others that had no draft blood in them did not break so satisfactorily and, being lighter, have not proved of as much account at farm work. I think the range horse, if with two or three crosses of draft blood, can be used on the farms of the corn belt all right, though for my own part I would prefer native bred horses if I could get them at the same price, which I cannot."

CARE OF THE FOALS.

The foal having arrived on terra firma, look him quickly and carefully over; if the foetal envelopes are ruptured and the little creature lively and struggling, let him alone; let him do his first public "stunt" unprompted, unmolested, and he will carry out his little part to the entire satisfaction of all concerned.

The after-birth having been removed and all soiled bedding taken away, the mare's teats inspected and an ample clean bed provided, leave him and his dam alone; the foal being all right and the mare strong, healthy and well over her labor, she will do all else that is needful.

The foal will struggle about in the dry bedding, attempt to get on his feet, roll over and try again; in this way he will dry himself, while the mare also licks him. He will feel his feet, he will fill his young lungs with fresh air, which ought to be pure, and which is the very best stimulant he can possibly receive; his circulation will be increased; he will suckle the moment he is able; peristalsis of the bowels will ensue, and this will be followed by the evacuation of the first foeces. What else do you want? Nothing?

In the case of a protracted labor, a weakly mare, a foal who during delivery has been half crushed or pulled to death, common sense and judgment placed on his back.

If the membranes are not ruptured, the first thing to do is to break them over the mouth and head first to allow the air to get into the lungs; artificial respiration promptly applied has saved the life of many a colt, by working the fore legs backwards and forwards to their utmost extent and pressing

WHY SO TIRED—PROFIT BY THE EXPERIENCE OF A DALLAS CITIZEN.

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J. A. Covington, assistant city electrician, of 470 Main street, Dallas, Tex., says: "It is valuable information to know of a medicine which can be depended upon to cure backache or kidney complaint. Such medicine I found Doan's Kidney Pills, procured at W. S. Kirby Co's., drug store to be. Even if a man at the time has neither backache or weakness of the kidneys and pain across the loins he is never certain but that some time in the future an attack may occur. To know what to do in such emergencies is valuable knowledge. Doan's Kidney Pills stopped the miserable weakness in my back, which was, to say the least, very annoying, and they stopped it with remarkable promptness.

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them to and pulling them away from the chest, the foal, of course, being placed on his back.

Holding a bottle of ammonia liniment—there is generally some of this about a horse establishment—to the nose or ordinary smelling salts is a very good thing in some cases when a foal does not get his breath properly, but the rustic method of opening the mouth and trying to blow down the throat is as useless as it is ridiculous and makes the writer sad. You could not blow down a colt's throat if you tried, and besides, what would be the good? Only give him colic. You don't want wind in his stomach, but air in his lungs, and to get there it must go through the nostrils. Apart from this, the hot, foetid breath of an unhealthy man or a careless liver will not revivify your colt; it must be oxygen in the shape of pure, clear, dry air.

In a case like this brisk rubbing with hay wisps or dry cloths is recommended to increase circulation, and particularly if the mare is exhausted and can not see to this herself, for licking is a great aid to this necessity.

While the mare is being attended to a little of her milk may be drawn off and given to the foal with an ordinary feeding bottle.

Young foals often look the most crooked and ungainly of creatures, and these apertences should not be mistaken for malformations; it is astonishing how they straighten up and how quickly, particularly if dropped in the early summer, when they can be out all the time, and the grass is rich, luxurious and nutritious.

Sometimes mares and foals have to be kept indoors for weeks and weeks from stress of weather. In such cases daily exercise must be had in a large barn, shed, covered track or some such place. Confinement in a box will not do. You have found it so in the past, some of you, and you will find it so again. Exercise—exercise—exercise—and while the mare and foal are out throw open the doors and windows of the box, have it thoroughly cleaned and aired, and particularly see that the corners of the manger and hay rack are clean and free from damp, moldy, decomposing fodder or growing grass and oats. I have seen this scores of times, and there are the very spots where the bacteriologist will go to find the finest specimens of microbes, bacteria, alvae and all manner of weird things with strange names and uncanny forms, moving, creeping and metamorphosing.

These things are not good for old horses, but particularly are they injurious to the young foal, who after the manner of all young things pokes his nose and pries into everything. Free and properly regulated ventilation is of the utmost consequence in cases of this kind, but protection from draughts and exposure to sudden chills must be as carefully avoided.

In these where grass can not be procured the mare should receive a liberal supply of crushed oats or corn bran, chaff or chopped hay and salt—a most important adjunct of horses' food at all times—besides of course, a proper allowance of good hay and as much good, wholesome water as she wants.

When it comes to turning them out, choose a fine, sunny day and mid-day, and here again extra care is necessary, for the foal, liberated from confinement, will start to gallop about until it is tired and hot and will then go and throw itself down broadside in some wet or damp corner, lay there and go to sleep; a cool wind springs up, shakes the leaves, wakes the little sleeper, and up he jumps in a terrible fright, but this is not the worst. Next morning his small nose is running and he sneezes occasionally; next day a little cough and off feed slightly; then quickened respiration, and then what else but pneumonia, and let me tell you pneumonia kills 'em.

If I were breeding horses I would have a sheltered shed in every field and paddock; particularly would this be of benefit in spring and fall and I would take precious good care that it was thoroughly cleaned out and attended to every day. I would permit no accumulation of cobwebs and filth there; this place should be kept scrupulously clean, as should the water trough.—Capt. A. H. Waddell, Royal Academy of Veterinary Surgeons, London.

SHEEP---GOATS

Two parts of oats and one part corn is a good ration for the ewes.

Exercise and pure air are necessary for the uninterrupted development of the young kid.

Generally speaking exhibition sheep do not and are not intended to represent the ideal market sheep, but rather to show to what state of perfection the various breeds can be brought.

CURES FOR COMMON AILMENTS.

Dr. Waterman, of the Michigan Agricultural college, gives the following remedies as the most effective in the case of parasitic diseases:

For Tape Worm—Oil of male fern, one teaspoonful; arca nut powder, two teaspoonfuls; turpentine, one teaspoonful; new milk, four ounces. Give after fasting, and follow with a laxative. If sheep are run down, give a tonic afterward.

For Stomach Worms—Give in grain equal parts of sulphate of iron and sulphate of copperas. Dose, ten ounces of mixture for thirty-five lambs. Give daily two weeks, then stop one week and give again. Mix in water and then pour the water over the grain.

Another remedy—Gasoline, one table-spoonful; new milk, four ounces. Or of 1 per cent coal tar creosote solution give two to four ounces.

For Nodular Diseases—Give the copper and iron solution as advised for stomach worms.

THE BEST MUTTON TYPES.

It is best not to start in the sheep business on too large a scale. This advice is especially applicable to those without experience. A shepherd of note says, in starting into the sheep business, don't try to make your start at the top; it is better that your experience should be gained with a small flock of fairly well bred sheep, and then, if you make mistakes and the bottom gives way, you will not have such a hard fall. But use the best rams you can buy; they can not be too good. You will really learn more about sheep with a small number, writes a correspondent in "Ohio Farmer," and be less liable to blunder than if you had a large, unwieldy flock.

It will pay, too, to secure the services of the best herder and sheepman you can hire. He can teach you and save you much, and you can save money by paying good wages to such a hand. Don't give up at the first blunder; sheep raising is a good business, none better, but it must be learned, and when learned you will not

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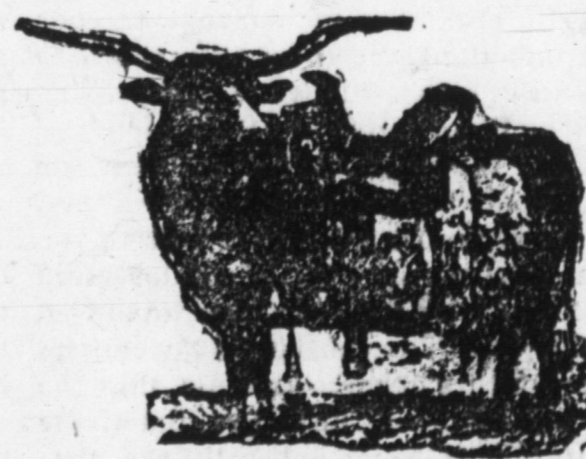
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have to be persuaded to stick to it.

It is probable that the farmer who is conveniently situated as to railroad transportation to some of the markets will find more profit in breeding sheep for mutton than for wool, and as the strongest demand now is for lambs, and they are the most profitable to handle, early maturity is a characteristic of prime importance. It is claimed that the Down breeds, or short wool sheep, while not attaining as great weight as the Cotswold or Leicestershire, mature earlier and stand crowding better. Among these most breeders who estimate quality highly give their preference to the South-downs. Those who prefer the mutton breeds claim the following advantages: They are more prolific, very often dropping twins; their tendency to early maturity enables them to make the greatest possible growth of carcass in the least possible time; the short time during which they remain in the hands of the breeder not only enables him to take more frequent profit, but also relieves many of the risks attendant upon longer periods of ownership, and reduces percentages of dressed meat when slaughtered, and their meat is the best. They have, however, thin fleeces, and require better pasturage and better feed, for rapid growth implies the necessity for good feed in abundant supply. They should have heavy, large hams, broad across the rump, with square-built, blocky bodies. Of course they should be thrifty, vigorous and strong in vitality, and kept growing without interruption from the time they are dropped.



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The ginseng market seems to be overstocked, the product of Siam being sufficient to furnish all the root demanded, and it is said that there are many thousand catties remaining unsold. China furnishes practically all the market for ginseng, and the fact that it takes five to seven years to grow a crop, makes the outlook for American growers rather gloomy.

One effect of the widespread prosperity in the southwest this year will probably be an increased attendance at the agricultural colleges, as well as at other institutions of learning. There has been again of 30 per cent in the size of the classes at Missouri's Agricultural College, directly attributable to the unprecedently large crops of last year and similar causes are likely to produce similar results elsewhere.

It is estimated that at least 30,000 extra farm hands will be needed to harvest the wheat crop in Kansas and Oklahoma this season. No able bodied man need suffer for the want of something to do. City laborers, if they could only realize it, might find more congenial and profitable employment in the country but the fear of "long hours" is a bugaboo which deters them from going out into the fields.

A poultry combine is now in process of formation. The octopus has its headquarters in Chicago, from which point tentacles are reaching out for sixty or more independent concerns in different states, with a view to incorporating them in the trust or driving them out of business. Such methods are not likely to interfere with the laying qualities of the farmers' hen, hence he is in a position to view the strife with serenity.

Plans are being rapidly perfected for the Texas Farmers' congress, to be held at College Station in July. There will be accommodations for a thousand visitors, and, as heretofore, the bone and sinew of the state will be royally entertained by the faculty. Such an assemblage each year adds prestige to the great institution which is accomplishing so much towards the education and enlightenment of husbandry.

The daily papers tell about a farmer who had his life insured for \$3,000 and killed himself the same day. It was afterwards, decided by the courts that the company would have to pay the claim of his beneficiaries, but the advantages which the farmer himself derived from the transaction are not apparent. He might better have lived and enjoyed the satisfaction of trying to provide an honest living for those dependent upon him.

Reports from widely divergent points convey information of damage by insect pests in many quarters. In Texas, the weevil and boll worm are getting in their work; Kansas is suffering from the Hessian fly and now a parasite, which attacks barley and wheat, has been discovered in Arizona. The losses sustained on account of these unwelcome visitors is an important consideration each year, but this season their depredations are not so alarming as usual. Good crops will be made in spite of them.

The old prejudice against Texas dies hard in some quarters. A recent issue of the Memphis Commercial Appeal has a news item from the state headed "Another Texas Scandal," as though moral and official crookedness were the rule rather than the exception. The people of the "old states" fail to realize that the days when outlaw raids, Indian outrages, massacres, maverick-

ing and horsetheft were of common occurrence have long since departed, never to return.

THE EXPERIMENT STATIONS.

Too much cannot be said in praise of the experiment stations throughout the country, which are making a systematic study of problems relating to agriculture and stockraising, with a view to decreasing the expense and increasing the quality of production. Not less than 1000 trained men are engaged in this laudable work and in most cases they are both practical and theoretical farmers, graduates of the agricultural colleges who have not only worked in the fields themselves, but enjoyed the benefits of a thorough training in technicalities. There are fifty-six different stations at which every detail is carefully followed out, under supervision of the United States department of agriculture. Finally, the results are published and sent broadcast, so that they may be studied with profit by millions engaged in tilling the soil or growing stock. These bulletins serve a useful purpose, the far reaching effects of which have not been generally recognized to the extent that they should be.

OBSERVATIONS ON HAYMAKING.

It is pertinent at this time to call attention to the possibilities for haymaking, a branch of industry open to the farmer that has been sadly neglected in the Southwest. There can be no more satisfactory field of endeavor than that which will provide feed for livestock at a period of the year when the pastures are denuded. Heretofore haymaking has been given little thought in many quarters and the advantages of utilizing the surplus grasses have not been emphasized with sufficient force. There is no valid excuse for the expenditure of thousands of dollars each season for the purchase of a product which can be made clearly and profitably at home. Haymaking, stockraising and dairying should constitute a trinity which, in connection with the growing of cotton, corn, wheat, fruits and vegetables, would insure success each season. The virtues of grasses in preserving the fertility of the soil are too well known to require extended comment. Cowpeas, alfalfa and clover thrive wonderfully in Texas and Territory soil. Their cultivation and cure should receive at least five times the amount of attention which is now devoted to them.

EDUCATING THE PORKER.

Some reference has been made in the Journal heretofore to experiments in the raising of swine calculated to remove all objections, based upon sanitary grounds, to the use of pork as food. It is on account of the filthy habits of the ordinary hog, it is said, that this domestic animal is more prone to contract infectious and contagious diseases than any other. If the hog was as clean in his customs as the sheep, for instance, the scientists believe that the flesh would be sweeter and purer, and that there would be less danger to the consumer from porcine tuberculosis and trichina. The idea has been advanced by one of the enthusiastic authorities on the culture of farm animals, that the hog has suffered unjustly under the imputation of being naturally the dirtiest and most degraded of animals. In an interview concerning an experiment a member of the Agricultural Department said:

"I have never yet been thoroughly satisfied that if the hog received a fair chance it would be as clean as any other domestic animal. Take, for instance, its well known proclivity for wallowing in the mud. Now, I have never been convinced that it does it simply because it is mud, nor simply because it enjoys the dirt. It is because the mud is cool and soft; and if there was something else equally cool and soft, which possessed the additional qualification of cleanliness, the hog would, without doubt, choose it.

"I say that without doubt the hog could be educated so as to choose the cleaner substance. Since the time that the hog has become domesticated, it has been permitted, and even encouraged, to wallow in filth. The primitive hog was naturally as clean as the primitive horse. To-day the wild hog, which has never come in contact with

mankind, is as clean in its habits as the rabbit or the squirrel.

"It will, of course, take some time to eradicate the inevitable effects of years of environment that have made filthiness an acquired hereditary trait in the hog's nature. But we are sanguine enough to think that it can be done, and every reasoning person should admit that the beneficial result in supplying the public with pork absolutely free from the germs of disease will more than outweigh the outlay of labor and expense to the government.

"The process will be gradual. We should, of course, get a special appropriation from congress that will permit us to build a suitable experiment station, where the preliminary work will be tried on very young animals and, as I now think, on sucklings of the Poland-China variety.

"These sucklings will be taken before they have had time to become contaminated by association, and put into a specially prepared pen, with nothing but the cleanest surroundings. In the summer time clean, moist sand will be given them in which to lie. They will be driven to an inclosed chute on hot days and treated to shower baths. After a year or two of treatment of this nature we will take several of the most promising of the shoats and turn them into an inclosure, one-half of which is fitted up with the conveniences to which they have been accustomed, and the other half a regular pig pen.

"If the educated porkers choose the dirt it will be because their education has not sufficiently progressed. A trial will have to be given to pigs whose ancestors for two and three generations back were brought up and trained to cleanliness. But when once we have succeeded in breeding a family of swine that will of their own volition, and without human coercion, choose pure surroundings in place of mire, we will feel that a great victory has been gained.

"The next move will be to cross the breed with the least filthy of ordinary hogs. It is a well known theory of evolution that once a progressive tendency becomes implanted in the life of a species of animal, its development along that special line is more rapid than along the beaten tracks.

THE COTTON SEED INDUSTRY.

A few years ago, the cottonseed that was separated from the fiber was a waste product and of no value unless it was for fertilizing purposes. Then it was discovered that a valuable oil could be extracted from the seed, and later that the meal was a most excellent adjunct to mix with feeding stuffs for live stock.

Soon cottonseed mills were started for the purpose of extracting the oil, and in 1893 there were not less than 100 of these mills in the United States. Last year there were 702 cotton oil mills in the cotton belt, and there are now over 60 new mills being constructed this year.

The capital that will be invested in the plants will be over \$225,000,000, and the value of the by-products produced from the cottonseed will run into millions of dollars.

This is only one of the many things that are now being turned into cash and is adding to the nation's wealth. Last year we exported cottonseed oil to the amount of \$12,992,393, which was \$4,000,000 less than in 1901. We also exported cottonseed meal in 1892 valued at \$12,271,009, making a grand total of cottonseed oil and cottonseed meal valued at over \$25,000,000.

Coal oil, when properly applied, is a specific for scale leg in chickens. The best way to apply it is to fill an old tomato can two-thirds full of coal oil and go to the henhouse with a lantern. Have some one hold the can while you begin at one end of the perch and lift each hen off and catch both legs in one hand and dip them into the oil up to the feathers. If your chickens are badly afflicted with "scale leg" it is best to dip two or three times at intervals of ten days.

Keep the cow and her surroundings clean and the danger of dirt and impurities getting into the milk will be greatly lessened.

SPECIAL NOTICES

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

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FOR SALE—If taken soon, at Canyon Ceta Stock Farm, 10 coming two-year-old registered heifers, 3 of them will go in any show herd in Texas. Also one of my herd bulls (Bright Boy), 5 years old, an Empler calf. He is by the celebrated Corrector, dam, Cherry Lass; she by Cherry Boy—two of the most noted bulls in the U. S. of A. I will give him to right parties on good notes, low interest. My reason for selling is to lessen stable room next winter. Come soon. They will be sold when seen. C. T. DeGRAFT-TEUREID, Propr.

1200 acres in Jack County, Texas, for sale, within two miles of county seat, a flourishing railroad town. Nearly all tillable land, both timber and prairie; fenced and improved, and splendidly adapted for a fine stock ranch. For full particulars address Box 145, Jacksboro, Texas.

IMPROVED RANCHES for sale: 14,000 acres, \$1.25; 5000 acres, \$2.00; 12,000 acres, \$2.00; 20,000 acres, \$2.50; 8,000 acres, \$2.10; 20,000 acres, \$3.00. Unimproved: 9,000 acres, \$1.00; 20,000 acres, 60 cents. Improved farms from 160 to 6,000 acres, \$10.00. All splendid investments. Liberal terms arranged; small cash payment, balance time. Address Charles Rogan, Austin, Texas.

RANCH, CATTLE AND GOATS FOR SALE—Ranch of 25 sections—16,100 acres—in Edwards county, one section deeded, balance leased land, leases run from three to six years; all fenced and divided into three pastures with small horse pasture in each; two good ranch houses with pens, corrals, etc.; four good wells with plenty of water, besides the well there is everlasting water on the ranch; land is good quality of grazing land, well covered with grass, mostly mesquite. Pasture runs up to within 9 miles of Rock Springs, the county seat. Twelve hundred head of good shearing goats, 100 head of registered Angora goats; 600 head of stock cattle, 100 head of two and three-year-old steers, 12 head of good saddle horses; cattle are well bred and in good condition. Will sell cattle or goats without ranch or stock, but will not sell ranch without the cattle. For further information and prices, address, J. D. PEPPER, Rock Springs, Tex.

RANCHES FOR SALE—1920 acres school land, improved, 3 miles Dalhart, \$5000; 408 acres patented, heavy land, mix grass, \$13,224; 1578 acres patented, fine mesquite grass, \$3156; 3200 acres school land, improved, fine ranch, \$7000; 4480 acres patented, sage grass, \$8960; 1000 acres patented, well equipped small ranch, stock, tools and feed. Write for price. One of the best equipped ranches on North Plains, four sections school, 12 sections leased, all fenced and cross-fenced, 350 head good stock, plenty of water; situated on Rito Blanco canyon, 3½ miles from Dalhart. Best bargain in 100 miles of Dalhart. Write for price and particulars. Largest list of small ranch property of any company west of Amarillo. DUNSON, FLOYD & HOFFMAN, office Dalhart Hotel Annex.

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

PASTURAGE.

I STILL HAVE some good grass in Creek and Osage County. Terms reasonable. T. J. JORDAN, COLLINSVILLE, I. T.

CATTLEMEN, ATTENTION—I can pasture 50,000 head of cattle in the Chickasaw Nation; pasture fenced, plenty of water and grass guaranteed; 5-year contract. Write JESSE L. JORDAN, Marietta, I. T.

1280 ACRES patented land \$2, fine well and mill outfit on same. Near center of the county. DICK BROWNFIELD, Siam Terry Co., Tex.

POULTRY.

BARGAIN OF LIGHT BRAHMAS. Entire breeding pen of full blooded Light Brahma chickens, consisting of 22 hens and 3 roosters at \$25.00. Choice 2s at \$5.00. Apply at once. A. C. MACHEMEHL POULTRY YARDS, Bellville, Tex.

FARMS.

FOR INFORMATION about rich black superior farm lands or ranches in Coleman county, Texas, and prices and terms, cool summers, fine water, no malaria, no boll weevil, free round trip railroad tickets, write H. A. TURNER, 911 Guaranty Bldg., Minneapolis, Minn.

SMITH COUNTY—All kinds of fruit, truck and general farms. Our specialty, small farms for men, of limited means. Diversification can be carried on in all of its beauty and utility in this, the center of the great fruit and truck belt of East Texas; 22 acres sandy loam, 1 1/4 miles from Troupe, good neighborhood, new wire fence, 3 timber, 5 1/2 acres commercial orchard 2 years old, no other improvements. The best bargain we ever had: \$275; half cash, balance to suit. WHITLEY & EDWARDS, Real Estate, Troupe, Tex.

200 ACRES choice black land north of Fort Worth; for description address at once EARLY ROGERS, Weatherford, Tex.

FARMS AND RANCHES or any kind of real estate. Can best be bought or sold through our agency. Don't delay but write us describing what you want to buy or sell. We make a specialty of handling large ranch properties and request owners to write us if they want to sell. Choice Kansas City property to trade for a ranch. CENTRAL REALTY AGENCY, Room 4, Hall Bldg., Kansas City, Mo.

CASH FOR YOUR FARM—We can sell your farm, home or business quickly for cash, no matter where located. Send description and we will show you how. Offices in 16 cities. Established 1893. A. A. ROTTNER & CO., 500 Real Estate Trust Building, Philadelphia, Pa.

BLACK waxy land farms for sale, and will loan you money to help pay for you a home. ROBERTSON & WATSON, Dallas, Tex.

REMEMBER, we have more choice farms listed, and are selling more than any other agent. ROBERTSON & WATSON, Dallas, Tex.

CHOICE black waxy land farms in Dallas county, in small and large tracts. If you will let us know just what you want we should be in a position to suit you. ROBERTSON & WATSON, Dallas, Tex.

ONE TRACT of good grass or farming land, consisting of 720 acres, to let on 5 or 10 years' lease; cheap for cash. Address BOX 88, Fort Gibson, I. T.

IF YOU want to buy cheap railroad lands for farming or raising of cattle in Mississippi or Oklahoma, on easy terms, write to M. V. RICHARDS, land and industrial agent, Washington, D. C.

CATTLE.

FOR SALE—Two and three-year-old smooth South Texas steers; 100 to 1000.—L. TILLOTSON, Sealy, Tex.

FOR SALE—Twenty Durham cows; part have calves from Lord Butterfly No. 145843, others bred. JOSEPH G. ROBINSON & SONS, Celina, Tex.

DURHAM CATTLE FOR SALE.—I offer my herd of Durham Cattle for sale, consisting of 85 cows, 3 extra fine registered bulls, 20 yearlings and long yearling heifers, and 47 young calves. Will sell cheap if sold at once. Write for particulars. S. D. EVERETT, Kiowa, I. T.

FOR SALE—1200 head 3, 4 and 5-year-old steers cheap. Write or call on PETER FLOECK, Live T-Stock Com. Mcht., Box 422, Houston, Tex.

115 HIGH GRADE stock cattle, nicely marked, 3/4 to 7/8 Hereford, one registered bull; from 6 years old down. Write or wire, T. M. HAYS, M. D., Santa Anna, Tex.

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

FOR SALE—Seven registered Red Poll bulls, good individuals, ages 13 to 22 months. Price \$75 for choice, \$60 around for bunch. GEO. H. SAUNDERS, Lee-fors, Gray county, Tex.

MULES—Two cars, ones to sixes, car broke mares, one jack, will pay spot cash for good stuff. State prices wanted. A. C. MIDDLETON, Muskogee, I. T.

STENOGRAPHERS.

WANTED—Let me do your letter writing when in Kansas City. I will do it promptly and reasonable. Circular typewritten letters a specialty. Write me regarding my stenographic work. Stockmen's letter writing especially solicited. MILDRED R. BROWNE, Stenographic Parlor, 612, New Ridge Building, Kansas City, Mo.

MISCELLANEOUS.

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.



NATIONAL AMERICAN SOCIETY OF EQUITY.

Home office, Indianapolis, Ind.

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There are other officials yet to be named.

The American Society of Equity today issued a bulletin to the farmers of the United States demanding an increase in the price of wheat, giving arguments that the minimum price of wheat should be \$1, and urging the farmers of the United States not to sell for less than that. The society has been organized with Indianapolis as national headquarters for the purpose of maintaining higher prices for the farm products, with the co-operation of the farmers of the country, and this is the formal demand for increase in prices, as the result of the combination.

The bulletin sets out the claim that this is an era of unequalled prosperity, demand for commodities is unprecedented, labor receiving higher wages than ever before, and the demand for consumption of wheat is greater than ever before, with a low visible supply. The bulletin then says:

"It is evident that the American farmers can not produce over twelve bushels per acre on an average, and at 88c per bushel, the receipts are \$10.56 per acre to cover all the work, seed, twine, threshing, marketing, etc., an amount that scarcely equals the simplest machine that the farmer buys, yet which only represents a small fraction of the factory investment, capital and labor employed.

"Who dare say, in the face of these evidences, and considering the present higher range of values for nearly every other commodity produced in the country, that wheat at this time and for the next crop is not equitably worth \$1 a bushel on the basis of the Chicago market, and that other farm crops should be on a corresponding basis?"

"Farmers, keep this matter in mind, keep \$1 wheat before you, and you will get it as sure as the sun rises in the east and sets in the west.

"We implore you, do not be fools. When you get the equitable price let it go. Sell on the basis of \$1 and no less, but do not hold for more, or you may run up an unwieldy surplus which must eventually compel lower prices."

The Wichita (Tex.) Times says editorially:

The newspaper man is often called a theoretical farmer, and no doubt, in his humble efforts to build up the community of interests where his paper is published, ventures opinions that are not tenable, and sometimes agitates questions when he is not well posted on the details. But, notwithstanding criticisms, just and unjust, the newspaper man, occupies a position in the community, where his paper becomes the medium of discussion and the editor more or less a party to all questions of local interest.

This much, by way of preface, before discussing the question that forms the headline to this article, "Can Farmers Control the Wheat Market?"

The Times takes the affirmative, and says, yes. In numbers and in importance, the farming population in all agricultural districts, of a right, occupies first place. And, of a right, as a producer of all commercial prosperity, should control the selling price of the raw material. The Times assumes that the in-

terests of all who engage in farming are mutual.

This being true, a plan of co-operation becomes necessary to mutual success. Instead of the grain speculator and dealers in futures cornering the market, the farmers can corner the output of grain, by storing in home bins or elevators, until the appreciation of prices pays a good profit on the investment of material and labor of production.

A mutual understanding between the farmers, local dealers and bankers of each community to come to the relief of individual farmers who are forced to sell at harvest time, would prevent forced sales of grain at low prices. This would make the farmer independent alike of speculators and bad crop years. The corn in the crib and wheat in the bin makes meat in the smoke-house and feed in the barn.

It is a known fact that any good year will produce enough to carry the farmers through two bad years, provided he can hold his grain until the new crop forces the sale of the old to give storage room.

Statistics will prove that older states have on an average as many dry years as Texas, but the farmers are better able to store their grain; consequently suffer less from the drought. Much more can be said along this line, but sufficient for this time, if worthy of consideration.

Such comments as these from the newspapers of the South in localities where the farming population is large, undoubtedly reflect the growing sentiment in favor of co-operative effort. They demonstrate that the farmers are beginning to realize the necessity of providing suitable storage facilities for their products, until such time as they can be marketed to advantage.

The Minnesota Experiment Station paid \$600 for the yearling Angus steer, Clear Lake Jute, at Chicago recently. The steer was winner at the International of 1902, and is considered a good prospect for this year's championship.

Bermuda onions are now being shipped by the carload from Laredo, Tex., to the Northern markets. Cantaloupes, grown from Rocky Ford seed, are also making a splendid showing.

AGENTS WANTED.

WANTED—Live agents to sell Dr. White's Electric Combs, patented Jan. 1, '99. Cure dandruff, hair falling out, sick and nervous headaches, yet cost no more than any ordinary comb. Sells on sight. Agents are wild with success. Send 50c for sample (half price). Write quick. THE DR. WHITE ELECTRIC COMB CO., Decatur, Ill.

AGENTS make \$5.00 per day advertising Pond's Salve and Corn Cure. Send 4 cents stamps for particulars. E. A. POND, Putnam, O. T.

SPLENDID INDUCEMENTS to good men or women. Alpha Tau Mutual Benefit Order. Home company. Cheapest life, health and accident insurance. Organizers can make \$200 to \$400 per month. Money loaned to members. For particulars address THOMAS A. POPE, Cameron, 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.

MISCELLANEOUS.

A CURE for the tobacco habit—Mrs. M. Hall, 2036 11th street, Des Moines, Iowa, has discovered a harmless remedy for the tobacco habit. Her husband was cured in ten days after using tobacco for over thirty years. All desire for its use gone. Can be filled by any druggist. Mrs. Hall will gladly send prescription free to any one enclosing stamped envelope.

FOR SALE, SEED PEAS—Blackeye, Sugar Crowder, Wonderful, Whipporwill. For prices address Kosse Brokerage Co., Kosse, Tex.

SEVERAL STOCKS of merchandise for sale; owners want part cash, balance good property; very liberal trades given. CENTURY BROKERAGE CO., Burlington Bldg., St. Louis, Mo.

DR. J. L. G. ADAMS, eyes, ear, nose and throat infirmary, surgical and difficult cases, practice limited to this specialty, ten years, close investigation solicited; reference banks, business men of county or call for reference from hundreds that were led to office, but now see to read. Mineral Wells, Tex.

HALF PRICE AND LESS THAN HALF PRICE for organs taken in exchange. Some same as new, others slightly used, embracing best makes of this country; never before have such values been offered. Write or call. THOS. GOGGAN & BRO., Dallas, Tex., Largest Piano, Organ and Music House in the South.

MISCELLANEOUS.

MAMMOTH ORE BODIES. Incorporators working for 900 per cent profit. All stockholders make same, as stock advances one to ten cents. Incorporators entire stockholdings placed in our treasury, guaranteeing honest management. (No incorporators stock can be purchased.) 32 Arizona claims; 6 tracts Missouri zinc-lead; adding to our holdings. 4500 feet adjoining property, picked samples assay 1100 ounces silver. Another assay shows \$163.33 gold. These are our best, for shallow workings. \$10.00 secures 10,000 shares (none equal monthly payments following). Our stock now two cents per share, but have block of first issue that will place long as it lasts, at ONE CENT per SHARE. Your opportunity. Remit. THE GLADYS MINING CO., Big Springs, Tex.

DOGS FOR SALE—Hound pups. Address H. L. PRIMM, Primm, Tex.

LADY wishes position as teacher in a family. Can teach English, music, drawing, painting, elocution, etc. Address MUSIC TEACHER, care of Mrs. Davis, Iatan, Mitchell Co., Texas.

STRAYED—Dark brown horse fifteen hands high, twelve years old, branded K cross. Reward will be given for return. E. B. DAGGETT, Fort Worth, Tex.

FARMERS who wish to better their conditions are advised to write for a descriptive pamphlet and map of Maryland, which is being sent out free of charge by THE STATE BUREAU OF IMMIGRATION OF MARYLAND. Address Mr. H. BADENHOOP, Secretary, Merchants Nat'l Bank Bldg., Baltimore, Md.

GEE WHIZZ Insect Powder. Only sure exterminator in the world. Kills instantly bedbugs, cock roaches, ants, lice, fleas, potato bugs, and all other insects. Not a bug left in the house two hours after it is applied. Large package, by mail, 25c in silver; 3 pkgs., 50c; 7 pkgs., \$1.00. Write to-day and send all orders to White Mountain Herb Co., Department 14A, Hayfield, Minn. Agents wanted.

SICK PEOPLE, let me tell you how to get well without medicine. Address DR. J. S. RICHARDSON, Mineral Wells, Tex.

NOW READY.

A Valuable Pamphlet, "Cultivation and Storing of Sweet Potatoes."

This pamphlet, with necessary cuts, gives plain directions for constructing a sweet potato house that, in connection with important details, will easily keep sweet potatoes in good condition until the new crop comes in, or longer.

Also, some new, well tested and valuable plans for bedding and growing sweet potatoes.

A. F. Funderburk, Dudley, S. C., in speaking of this pamphlet, says, "I would not take ten times its cost for it."

The pamphlet has been introduced into 18 States and 2 Territories, and it is believed that the plans given will eventually, to a great extent, supersede the present mode of growing and storing sweet potatoes.

The pamphlet also contains a number of my best agricultural articles.

Price of pamphlet, postpaid, 50 cents. Address, BRYAN TYSON, Metnon this paper. Carthage, N. C.

ARITHMETIC SELF-TAUGHT.—Do not despair because through neglect you have forgotten what you once learned about arithmetic. Prof. Spangenberg's New Method requires no teacher. 194 pages; price 50 cts. Best book ever published. Geo. A. Zeller, Pub., room 499, 18 S. 4th, St. Louis, Mo. Established 1870.

RODS for locating gold and silver, positively guaranteed. A. L. BRYANT, Box 106, Dallas, Texas.

WANTED—Expert machinist, foundry people, repairers, blacksmiths; write for particulars how to braze castron. 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.

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.

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

WANTED—Your order for a pair of those up-to-date cowboy boots; nothing but firstclass work sent out, fit and satisfaction guaranteed. A. H. BOEGEMAN, Hillsboro, Tex.

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

The first milk that comes from the teats should not find its way into the pail.

When her stomach is empty most of the time the cow cannot be expected to keep her udder full.

BACTERIA AND FLAVOR.

The great difficulty with most butter-makers is that they do not comprehend that it is a certain kind of bacteria that largely controls the flavor. Even cleanliness in every sense of the word does not always result in milk souring with the best flavor, as all cows are usually milked in the stable during the winter months and in a real warm barn we usually find that the putrefactive bacteria are found in abundance. These get into the milk while milking and contaminate it before it reaches the creamery. A maker cannot tell by the taste or smell just how the milk is going to sour.

The introduction of starters or pure cultures is benefiting the dairy business of the country by introducing higher skilled labor. The ignorant, careless maker who does everything by chance rather than by rule will soon be relegated to the rear. In his place will come the intelligent, clean, tidy maker, with his knowledge of chemistry and bacteriology, making a uniform product of butter that oleomargarine or process butter cannot meet in competition.—Prof. G. L. McKay.

SILAGE FOR DAIRY COWS.

The value of corn silage for dairy cows has been very thoroughly tested by dairy feeders and by experiment stations. The stations have fed silage along with fodder and green corn from the field. Of this the Wisconsin Station says that 14,262 pounds of green fodder corn fed to dairy cows, with a stated ration of hay and grain, made 7,633 pounds of milk. The same ration of silage fed with the same quantity of hay and grain made 8,575 pounds of milk. The same quantities of green fodder corn fed to cows as of silage, with similar quantities of grain, made for the fodder 318 pounds of butter fat, while the silage made from the same quantity of corn made 340 pounds of fat. At the Vermont station silage

made 11 per cent more milk than an equal quantity of fodder corn, and at the Wisconsin station the advantage in the silage feeding was equal to 5 per cent of milk and 6 per cent of fats.

USE OF THE DAIRY SCALE.

There is no better investment that the dairyman can make than a scale with which to weigh the milk—the kind that can be set at naught when the empty pail is hanging thereon. On a piece of cardboard or heavy paper rule off little squares. At the top write the name or number of each cow, and set down the weight of each cow's milk, morning and night. You will learn something in less than a week. You will get more and better milk, because you will milk faster and get all of it, in order to beat the previous record. You will be surprised to find that some cows give more, some less than you had supposed. The scales don't guess—they tell it as it is, black or white. You will also learn that cows give more when milked by certain milkers. If you are making butter don't depend entirely on the scales; use the Babcock test. This is now sold at a reasonable price and it doesn't require a scientific education to use it.

PRESERVE MILK SECRETION.

Every dairyman should know that suppressing milk secretion tends to weaken fecundity and thereby shorten the reproductive period of cows. The better milkers are almost invariably the best breeders in the herd, while the shy breeders are rarely, if ever, found among heavy milkers. Cows that do not milk well seldom breed regularly until advanced age is reached and their calves are necessarily stunted unless provided for with a nurse cow. The most important reason for combining milking with beef, however, is rarely considered at all. Still, it is a prime factor in maintaining smoothness and quality. To suppress milk is to curtail fecundity or breeding quality and to do this tends to unsex the animal. As a direct result such females become coarse and masculine. The scant milker becomes a shy breeder and grows gandy and uneven in flesh. It is a rare exception to find a Shorthorn that will carry flesh smoothly and evenly to maturity unless descended from good milking ancestry.

POULTRY

Scraps from the table make as good feed as can be obtained.

Chickens are good foragers and will eat up more of the waste about the farm than a herd of hogs.

When bowel trouble develops among the chicks in the brooder it indicates a lack of proper warmth.

Eternal vigilance is the price of success in poultry culture, the same as in most other avocations.

SOME POULTRY REMEDIES.

The South Carolina Agricultural Experiment Station recommends the following remedies for common complaints:

When chickens are from one to two weeks old a great many die from bowel trouble. This can be corrected by taking away drinking water and giving scalded milk instead.

A great many young chickens are killed by lice. To get rid of lice mix one part kerosene oil and one part lard and grease the heads. If this is put on when the chickens are first hatched it will keep lice off.

For the past two seasons several remedies have been tried for sore head. The best results were obtained from the following mixture: Chloronaphtholeum one part, lard four parts. Mix well and grease the whole head. If in an advanced stage wash the head in warm water to remove scabs before using.

To keep away mice and lice from sitting hens, paint the inside of nests with crude carbolic acid. This has been used with perfect success for the past two seasons.

To prevent cholera in summer, put ten drops of sulphuric acid in one gallon of water twice a week.

To keep away disease, keep everything perfectly clean where poultry is kept.

Use lime freely.

CARE OF THE NEW BROOD.

During the hatching, if you are wise, you will not be too curious, but will allow the instinct of the hen to do her work. It may be well to quietly reach under her and remove such egg-shells as can be removed without disturbing her, but nothing further should be attempted.

The first duty is to provide a coop for the hen and brood. No matter what kind of a coop, from a barrel laid down to the most improved patented article is used; see that it is clean and the bottom covered with fine sand, or, if the weather be really cold, with oat chaff or short, fine hay. When the chickens are twenty-four hours old they are then ready to be moved to their new quarters. Up to this time they should have received no food, the unabsorbed portion of the yolk being ample provision for their support. But they are now ready for their first meal. Give them water to drink in a vessel into which they cannot get their bodies. A small fountain of the ordinary pattern will answer admirably. Whatever their food may be, give them only a small quantity, the best rule for feeding being "often and little."

Two distinct methods of feeding have their special advocates, the wet, that is, with mixed-up dough, and the dry, that is, without the addition of water to the food stuffs. I have used both methods with success, but think, on the whole, the dry method is the more satisfactory for most persons. But whichever of the two methods is employed, the food should approximate to a balanced ration; that is, have enough of muscle and fat-forming elements to promote the growth of the whole organism.

Corn, whether finely cracked or ground into meal, does not make such a ration. There is too much of the fat and too little of the muscle-forming elements. Yet, when chickens run out and eat grass and where insect life is abundant, they may do well on a corn diet, because they secure for themselves the lacking elements. If to the corn is added some form of animal food, the ration will be better. For a single grain, provided it could be obtained cheaply enough, I should prefer

POULTRY.

57 PREMIUMS—87 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 BUFF LEGHORNS Buff Rocks. Eggs for hatching, \$2.00 per 15. No stock for sale. I will satisfy you. J. F. HENDERSON, Fort Worth, 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 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.

EX. 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.

FOR SALE—EGGS

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

EGGS! EGGS! FOR HATCHING.

Fine Barred Rocks, Hawkins and Thompson strains direct. \$1.50 per setting (15); two settings \$2.50. Satisfaction guaranteed. L. P. DOUGLAS, Electra, Wichita Co., Texas.

barley. I have used oats, corn meal and beef scraps with very satisfactory results, and with even better results when I have added shorts to the mixture.

Five times a day for the first week, three times a day for the next succeeding eleven weeks and twice a day thereafter will be found to answer excellently for a rule for feeding. But, let me say, that while such frequent feeding is advisable, I have had excellent results in rearing chickens on one meal a day. Of course, just as much food is required if the chickens are fed only once, as would be required if they were fed three or five times a day. Indeed, I think more food would be required, because more would be likely to be wasted. But that chickens can be reared successfully on one meal a day I have demonstrated to my satisfaction.

If the chickens become lousy they will need to be dusted with insect powder, and if they are attacked by large head lice, their heads should be greased, which will kill the lice. Don't, however, apply grease to the chickens on any other part than the top of the head, for if you do, you stand an excellent chance of losing them. Years ago, when my zeal was greater than my knowledge, I destroyed a fine lot of chickens by greasing them, head, neck and body. I cannot conscientiously advise anyone else to repeat the experiment.—H. S. Babcock.

INVEST YOUR MONEY

And take advantage of the excellent opportunities which now await capital and development in the rapidly growing territory traversed by the

Southern Railway and Mobile & Ohio Railroad

Our Sixteen Page Illustrated Journal

The Southern Field,

which is sent free upon application, gives authentic information about present available openings for the profitable investment of capital in Manufacturing Plants, Mining Properties, Timber Tracts, Farming Lands, Colony Sites, Residence Locations, and Water Power Developments.

M. V. RICHARDS, Land and Industrial Agent, Southern Railway and Mobile & Ohio Railroad, Washington, D. C.

U S U S U S U S U S

There are many reasons why the Improved U. S. SEPARATOR IS THE ONE TO BUY

Below are a few of them:

THE U.S.

Costs no more than inferior machines

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For Western customers, we transfer our separators from Chicago, LaCrosse, Minneapolis, Sioux City and Omaha. Address all letters to Bellows Falls, Vt.

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"YOUR INTEREST IS OURS"

SILKS FOR THE SEASON.

In one window alone I saw ten different colors and tints in printed silk all in one design, and that a curious arrangement of white lines upon a background of color. The lines spread in one part so that the background was much in evidence, while farther along the white lines gathered closely so that there was a distinct figure in white. This arrangement somehow made the silk look as though the white portions were raised in quite high relief above the surface. The colors were lilac, pale green, pink of a soft indefinite



VERY STYLISH MILLINERY.

shade, frosty and bright blue, tan, red, biscuit, gray and brown, all with the white. The silks were draped with beautiful lace bands, medallions and edgings. Wide ribbon also lent its rich finish. Ribbon is used to a greater extent than usual for all sorts of garments, yet lace is the trimming beyond all others in popularity.

Nearly all the silk for the season ahead of us is soft and much like crepe in draping qualities. Some of the daintiest of the soft silks have flakes of silk floss on the surface. These flecked effects are carried into the light woolen dress goods, especially noticeable being some of the volles. These are very lovely when the soft flakes are scattered over the surface. The hopsacks and several of the stuffs generally made up for tailor suits show the same fancy. The old fashioned all wool delaines are shown as among the newest of the light weight wools, and as great care has been taken in the printing of them they are worthy of a place among woman's prettiest things. They make up into delicious tea gowns and afternoon dresses. The colors vary from very dark solid colors with tiny flower bunches in nature's tints to ivory, pale blues and hydrangea, mauve, mastic, fawn, turquoise, reds in several shades, and, in fact, so many shades and tints that I could not mention them all, but this I may say: The small bouquets and sprays of flowers portrayed in the design are exquisitely beautiful and more like microscopic pictures than printed patterns. Rich ribbon in form of sashes and narrow to match for bows, with loops and ends, and lace—lots of lace—make the accepted trimming. Cream and white, also ivory with small natural flowers, are among the designs, and black and colors, and also with white only, form some of the prettiest combinations. Black and white, with one or the other in preponderance, will be among the most fashionable of all the combinations in hats, dresses and all the other paraphernalia and impedimenta belonging to woman-kind. Parasols of white silk and chiffon have great black chenille dots. On the parasols the medallions are placed as well as on the dresses.

Fringe is again put forward, and this time it may become a rage, for the fashions of today are so nearly like those of the days when fringe was seen on everything that it may come as a natural sequence. There is a decided movement in the way of skirts

triple skirt effects, and that will be a welcome change to eyes weary of the tight skirts. As the newest skirts are shown we may notice that they have long, flowing lines, but there is a something foreshadowing the things of which I have spoken, though just what it is or where it is impossible to say. But so it is. It began with the hats, but until the blouse is relegated to the limbo of old styles it will not be noticed. The evening dresses are more defined than the street attire, and there is no hesitation in openly adopting the fashions of our grandmothers with some slight modifications.

It is often amusing, if not altogether profitable, to trace styles, and yesterday I came across the origin of the new feather duster fancy of wearing the aigret on the millinery of today. As most of us know, this aigret is now made in the shape of a small duster, with a regular holder, and is set on the hat or bonnet so that it sticks out exactly in front. Well, this style dates from the days of Solyman the Magnificent, one of the earliest and, incidentally, the most bloodthirsty of the Turkish sultans. He wore one on his turban, and from then on the sultans have worn the same kind of aigret, though at different angles, in their headgear. And some of the foreign military officers have aigrets very nearly like those of today, and they are worn in quite as aggressive a manner.

HENRIETTE ROUSSEAU.

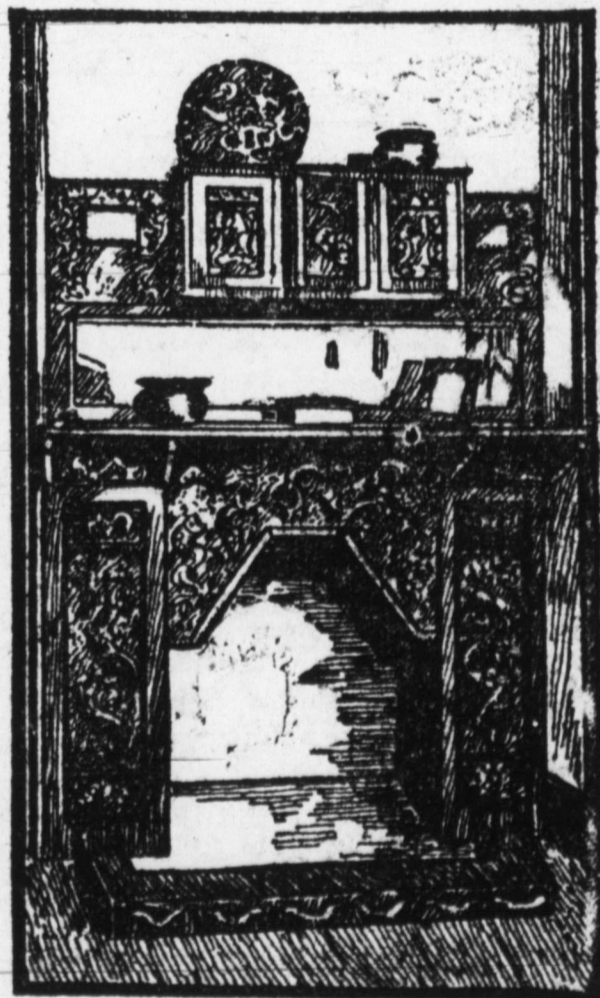
METAL WORK FOR WOMEN.

Metal repousse work is a craft which has developed marvelously in the past few years, and it is particularly adapted to women of an artistic turn of mind. Several women already have studios, and they take orders for the designing, execution and mounting of fireplaces, overmantels, fenders, mirrors, picture and photograph frames, boxes of every description, from a coal bunker to a silver toilet box; also trays of all sorts name plates, signs, door decoration, friezes, dados and paneling, fire screens, bellows, etc.

There are two ways of executing the work. You may either simply work a design on the metal and then have the metal made up into a box frame or you may make up your own work yourself.

To learn the repousse work takes six months, but to learn the mounting depends upon how many branches of the craft are taken up.

In six months a girl can learn to execute good work and to be capable of



GREEN OAK AND COPPER.

mounting one branch—fenders, for example. Repousse work is executed on zinc, brass, copper, lead, pewter, silver or gold. The metal may be laid on a board and worked with nails, which are filed to the shape required. For this method nothing is required save the board, some nails, a file, hammer, a pair of shears and some small nails for fixing the metal to the wood. Zinc should be used for practicing, as it is so much cheaper than the other metals.

Metal work offers a very good means of livelihood to a woman with artistic and original ideas. A girl can be apprenticed to a metal worker on the understanding that when proficient she will be retained at a progressive salary, or on piece work, or she can apprentice herself to a metal worker with a view to learning thoroughly the work and eventually setting up for herself. Very

often firms give our employment piece work, and in this manner a respectable income may be made.

The illustration shows a mantel of copper and green oak which has lately been designed and finished in a woman metal worker's studio.

HELEN CLIFTON.

NOTES ABOUT WOMEN.

Never indulge in the deadly poisonous entertainment of pitying yourself. What it does is to intensify and clinch the ills that already apparently afflict you.

Mrs. McRostle of Minnesota confesses to a natural womanly liking for cows. She has ten cows and sells milk and cream, getting therefrom \$70 a month. When improved machinery is used, Mrs. McRostle finds dairying no harder than poultry keeping, and she also finds cow keeping more profitable than chicken keeping.

I have lately seen the picture of a comely, spry old lady who danced a minuet and sang the sweet songs of her youth at the age of ninety-seven. There is lying on my desk a picture of King Edward's oldest subject—111 years of age the 12th of this May. She is Mrs. Margaret Ann Neve, and she lives in the pretty isle of Guernsey. She is sweet faced, gentle and fair, looking like a handsome old lady of seventy. Brave old girls! Very aged women need no longer look like hideous old mummies.

I saw a beautiful parasol the other day. It was part of a trousseau for a recent wedding of importance. The parasol was of ivory white surah, with a deep ruffle of chiffon set on very full and with a tiny ruching at the edge to give it still more flare. On the silk there were four lace medallions on each section in graduated sizes. All around the edge was a row of cream silk chenille fringe just as long as the ruffle was deep. A bow of cream satin ribbon was fastened to the top and another to the carved ivory handle.

Aside from the ridiculous aigrets, the new millinery is in the main pretty and sensible, though some of the hats are extremely large—ponderous, one might call them. Still they seem to please the wearers, who look pretty in them; so there is no more to be said. The coarse straws with almost severe trimming seem to be greatly affected by the smart set, and the coarser and rougher the straw the better they like it.

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Single Barrel Gun

THE MOST POPULAR GUN MADE

This gun is fully up to the quality of our rifles, which for 38 years have been STANDARD. It is made in 3 styles, and in 12, 16 and 20 gauge. Bored for NITRO POWDER and fully guaranteed.

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SAFEST, SUREST AND BEST.

A New Letter Will Appear in This Space Each Month. You Can Write Any of Them Direct.

HALLETSVILLE, TEX., Dec. 27, 1908.
Inland Mfg. Co., San Antonio, Tex.

Dear Sirs: It is with great pleasure that we can recommend your "Tonic Stock Salt" as the best purifier we have ever had for stock.

All cattlemen who have used it are greatly pleased.

Yours truly,
J. H. APPELT.

FOR CATTLE, HORSES AND SHEEP.
M'd by **INLAND MFG. CO.** SAN ANTONIO TEXAS.
PACKED IN BAGS SOLD BY ALL DEALERS WE SELL PURE BONE MEAL

BUCHANAN'S
Cresylic Ointment,

Standard for Thirty Years. Sure Death to Scow Worms and will cure Foot Rot.

It beats all other remedies. It won

First Premium at Texas State Fair,
Held in Dallas, 1895.

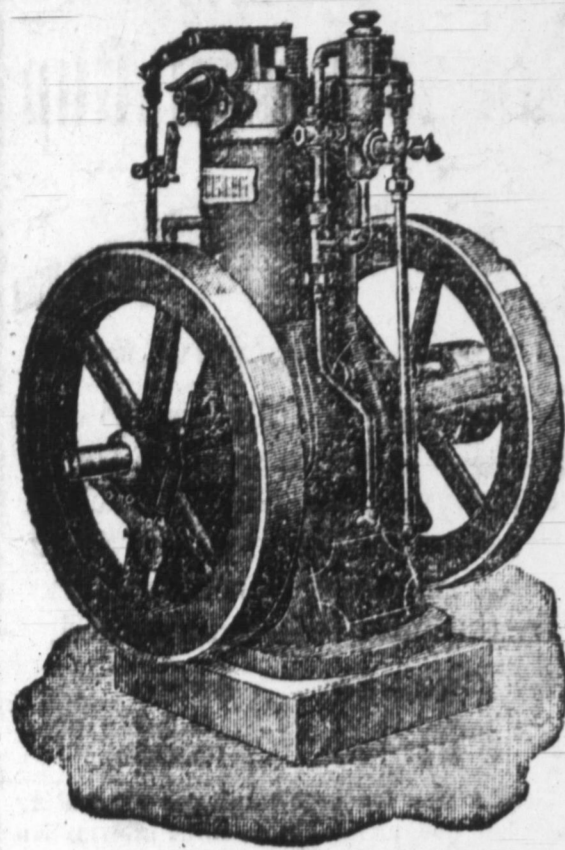
It will quickly heal wounds and sores on cattle, horses and other animals. Put up in 4 oz. bottles, 1/2 lb., 1 lb., 3 and 5 lb. cans. Ask for Buchanan's Cresylic Ointment. Take no other. Sold by all druggists and grocers.

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Manufacturers and Proprietors.
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Most DURABLE, RAPID
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Address Blakeslie Mfg. Co., Birmingham, Ala., for catalogue.

See Gift Offer on page 3.

CHICAGO
... And Return ...
ONE FARE

Account Summer Schools, Sale June 13th. Limit September 15th.

\$25 to California Daily. One way.

Detroit and Return ONE FARE plus \$2.00. Epworth League International Convention. Sale July 13 and 14.

Boston and Return ONE FARE plus \$2.00. National Educational Association. Sale June 30, July 1 and 2.

Saratoga and Return ONE FARE Sale July 4th and 5th. Mystic Shrine.

SUMMER RATES

Commencing June 1, to Colorado, Wisconsin, Michigan, Minnesota, New York. Write for book on Colo. W. H. FIRTH, G. P. & T. Agt.



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going to the Southwest country in Missouri, Arkansas, Kansas, Oklahoma, Indian Territory and Texas along the



are finding excellent opportunities for improving their present conditions. For all kinds of farming, fruit growing and stock raising there is no better country and lands are remarkably cheap considering what they will earn. Special excursion rates first and third Tuesdays of each month. Responsible representatives on the ground to show you the country.

For further information address, S. A. HUGHES, General Immigration Agent Frisco System, St. Louis, Mo.

Near Ashtabula, O., an "auto" has been used successfully as the motive power for a plow. A few more observations about the "hopeless age" are now in order.

CATTLE SALES

J. W. Knapp of San Angelo bought from B. F. Robey a Red Polled bull for \$200.

Reynolds Bros. have sold 2000 2-year-old steers at Pecos to Ash Bros at \$19 around.

A. C. Donnell of Clarendon bought twelve cows and calves from W. F. White at \$22.50.

Hal Brandt of San Angelo bought 100 cows and calves from Henry Dearing at \$20 around.

A. F. Jones of Sterling county sold to W. R. Cole of Big Springs 431 head of stock cattle at \$15 around.

N. M. Sparks of Sonora has purchased from Tobe O'Neal 100 head of stock cattle at \$10 per head.

Sam Waring of Concho county has sold his yearlings to Jim Callan of Menardville at \$15 per head.

Lee Knight of Christoval sold to Claude Broome 200 2 and 3-year-old steers at between \$16 and \$17.

O. H. Nelson has bought from Lewis Hill and J. S. Clark of Childress 134 head of yearling steers at \$15.75.

Frank Collinson of Clarendon has sold to James Cushney 2000 2-year-old steers at \$22, for immediate delivery.

Sam Henderson of Concho county sold to T. B. Jones 895 head of 3-year-old steers at \$23 around, no cut back.

Alf Van der Stucken of Sonora has sold all his cattle of the "V D" brand to W. Strachbein of Sonora at \$10 per head.

Lee Knight of Christoval has sold to Claud Broome 200 2 and 3-year-old steers at \$17. They were delivered in San Angelo Monday.

James Cashney, buyer for Clay, Robinson & Co., purchased 2500 2-year-old steers from Capt. Tom Montgomery of Crosby county at \$20 around.

Lake, Tombs & Co., ranching west of Lubbock, have purchased 3000 Pan-handle 2-year-old steers from Oscar White at \$20 around for shipment to the northwest.

Tom Crunk bought thirty head of 3 and 4-year-old steers from R. C. Nichols at \$16, 10 per cent cut, thirty-seven yearlings from W. S. Waide at \$10 per head, seven 2's and 3's from R. R. Grizzle at \$14 and \$10. All these deals took place at San Angelo and vicinity.

There was a lively public sale of cattle at Del Rio, Val Verde county, last Wednesday afternoon, when Sheriff John Robinson sold ninety-seven head of stock cattle at auction on an execution issued from Sutton county. Several persons were after the cattle, but Albert Warner, the butcher, finally bought them in at \$11.35 per head, calves counted.

SALES AT FORT WORTH.

Some of the representative sales of live stock at the Fort Worth market this week are as follows:

Hogs and Sheep—William Wright, county, 4 hogs, average 172 pounds, at \$5.75; 2, 280 lbs., \$6.00; G. Ferguson, county, 1, 140 lbs., \$5.65; C. Wheeler, Norman, Ok., 89, 19 lbs., 6.17 1/2. Hamilton & Schaible, San Angelo, Tex., 250 sheep, 77 lbs. \$3.75. Smith & Hamilton, Dryden, Tex., 362 sheep, 62 lbs., \$3.95; 132, 86 lbs. \$3.85; 123, 88 lbs., \$3.90; 8, 70 lbs., \$2.50. H. O. Dutton, Cordell, Ok., 88 hogs, 202 lbs., \$6.17 1/2. R. A. Riddle, Caddo, I. T., 56, 2001 lbs., \$5.85.

Steers—J. Griffith, Floresville, Tex., 102 head, average 85 pounds, at \$3.25. Blackwell & Thomas, Hebronville, Tex., 56, 756 lbs., \$2.85; 58, 767 lbs., \$3. D. W. McKey, Millett, Tex., 1, 950 lbs., \$3.10. C. Stillman, San Antonio, Tex., 1, 430 lbs., \$2.25; 1, 490 lbs., \$2.25. D. C. Hill & Sons, McKinney, Tex., 48, 1077 lbs., \$4.10. S. E. Wilson, Cleburne, Tex., 266 976 lbs., \$3.70; 26, 1014 lbs., \$3.70; 26, 975 lbs., \$3.70. C. Branch, Edna Pens, Tex., 47, 999 lbs., \$3.60. A. P. Lauterson, Danevang, Tex., 18, 1092 lbs., \$3.50; 1, 890 lbs., \$3. A. D. Hotchkiss, San Antonio, Tex., 27, 840 lbs., \$3.15. J. Griffith, Floresville, 56, 820 lbs., \$2.90; 89, 873 lbs., \$3.25. R. E. Timons, Mathis, Tex., 12, 428 lbs., \$2; 18, 658 lbs., \$2.15. Texas Land and Cattle company, Corpus Christi, Tex., 217, 750 lbs., \$3.20.

Cows and Heifers—C. Stellman, San Antonio, Tex., 30 heifers, 592 lbs., \$2.10. H. Hooper, county, 1 cow, 800 lbs.,

cows, 725 lbs., \$2.40; 31 cows, 703 lbs., \$2.10. T. B. Holleran, county, 10 cows, 961 lbs., \$2.60; 2 cows, 1040 lbs., \$2.60. A. P. Lauterson, Danevang, Tex., 1 cow, 700 lbs., \$2.25. J. Griffith, Floresville, Tex., 1 cow, 980 lbs., \$3.10. R. E. Timons, Mathis, Tex., 5 heifers, 556 lbs., \$2.25; 1 cow 1090 lbs., \$2.25. E. P. Slade, Hebronville, Tex., 29 cows, 691 lbs., \$2.30. John Tod, Corpus Christi, Tex., 200 heifers, \$15.60 1/4 per head; 5, 618 lbs., \$2.50; 54 cows, \$15 lbs., \$2.60. H. L. Howard, Falls City, Tex., 29 cows, 731 lbs., Miscellaneous—B. C. Smith & Bro., county, 2 calves, av. 140 lbs., \$4. D. W. McKey, Millett, Tex., 1 bull, 1320 lbs., \$1.75. D. C. Hill & Sons, McKinney, Tex., 1 bull, 1340 lbs., \$2.50; 1 bull, 1410 lbs., \$2.25. F. Cornelius, El Campo, Tex., 21 bulls, 1052 lbs., \$2; 19 bulls 1232 lbs., \$2.10. A. P. Lauterson, Danevang, Tex., 1 bull, 1370 lbs., \$2.25. W. Ferrell, Birdville, Tex., 1 bull, 670 lbs., \$1.75. John Tod, Corpus Christi, Tex., 15 calves, 323 lbs., \$2.50; 58 calves, 205 lbs., \$4.

MISCELLANEOUS STOCK NOTES.

W. W. Means of San Angelo has bought from John Berry 1005 muttons at \$2.75.

Texas mohair is selling at a high price this year, several shippers having realized 40 cents per pound for the fleece.

Will Jones of Concho county bought a bunch of muttons from Ben Polk at \$2.25.

Webb & Justis of Ballinger have bought of Ed Miller 590 head of muttons at \$2.25.

Will Jones of Crockett county bought 600 head of shorn muttons from Sam Waring at \$2.25 per head.

Cal Huffman of San Angelo sold twenty-three mares at \$12 each to March & Thornton.

The Hopkins County Wool Growers' association has sold its spring clip at 17 1/2 cents per pound.

Richard Maier has bought sixteen mules from W. Sultemeyer at \$37.50 per head.

Huffman Bros. of San Angelo sold to March & Thornton twenty-three mares at \$12.

T. D. Newell of San Angelo sold 831 sheep, average 84 pounds, at \$4.40 in Kansas City Tuesday.

Bud Means bought from Currie of Concho county 1280 muttons at \$2.20, no cut back.

J. C. Hewes of San Angelo sold 1496 mixed sheep, average 84 pounds, at \$4.60 on the Kansas City market Tuesday of last week.

A gasoline engine is the "farmer's friend" in more ways than one. Read how one may be procured on another page.

Dairy interests have been so often disappointed in new milking machines, almost but not quite what was wanted, that too much reliance will not be placed on the latest Australian device which is reported to be a particular success. It is to be hoped that the claims made will be justified. A good milking machine would do more than any invention now in sight to lessen the drudgery of large farms and to make dairying practicable on a large scale.

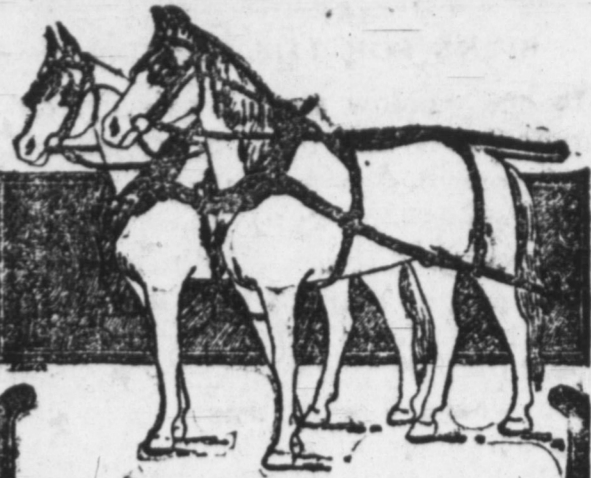
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With impure blood there cannot be good health.
With a disordered LIVER there cannot be good blood.

Tutt's Pills

revivify the torpid LIVER and restore its natural action.

A healthy LIVER means pure blood.
Pure blood means health.
Health means happiness.



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or any sort of vehicle that will claim your attention this spring? Just a word before you buy. There's a standard. A guarantee of absolute worth, highest service, longest life, most perfect adaptability in

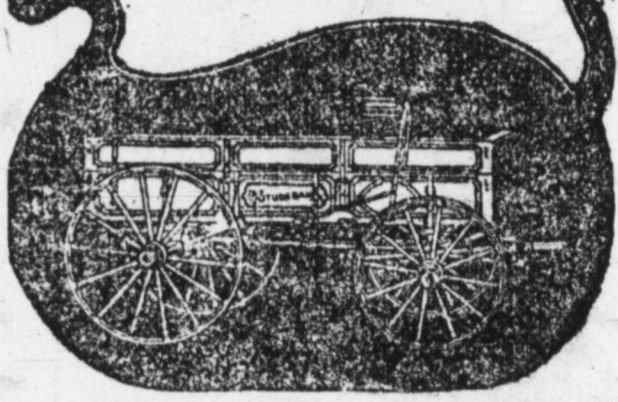
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Vehicles and Harness.

You can't afford to experiment with untried goods for the sake of a small saving in first cost. Don't make the mistake of looking only at the price, and getting shoddy goods. Quality should be the first thought and that's where Studebaker's count. Studebaker's sell at honest prices and you are sure of value for your good money. Studebaker dealer in most every town. See him. Postal us for a catalog and particulars.

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WITH SOOTHING BALMY OILS.



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No need of cutting off a woman's breast or a man's cheek or nose in a vain attempt to cure cancer. No use of applying burning plasters to the flesh or torturing those already weak from suffering. Thousands of persons successfully treated by this mild method. Cancer, tumor, cancer, ugly ulcers, piles, fistula and all skin and blood diseases. Write today for free illustrated book. Address, DR. BYR, Kansas City, Mo.

ONE FARE PLUS \$2.25

—TO—

Southern Baptist Convention, Savannah, Ga. May 7-14, 1903, General Assembly Cumberland Presbyterian Church, Nashville, Tenn. May 21-24, 1903.

ONE CENT A MILE,
Confederate Veterans Re-Union,
New Orleans, La., May 19-22,
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Passenger Agent, Tyler, Texas.

A BLESSING TO MAN.

"Oh, who admires her?" remarked the youthful cynic. The woman of experience laughed. "That's where you make your mistake, my dear girl," she said.

"Oh, men like girls who are sophisticated," the other retorted, with a wise air. "Girls who don't always say what they think, who are mysterious and elusive and hard to make out and—yes, perhaps a little wicked—it lends such a charm—the subtle air of wickedness."

"The mistake of the very young—appreciated only by the very young man," went on the older woman, with her relentless little smile, "and it usually takes them several years to get over it. It belongs to the age when a girl thinks no one can understand her, when she deals inisms and wonders if she has the making of a genius in her because she is so unlike other girls. I don't know why it is, but the simple, admirable virtues are not appreciated by the very young and ambitious girl who wants to be termed attractive—more than that, fascinating. I dare say it is because she has been having an overdose of them during her recent childhood, just as she now enjoys late hours and highly spiced food because she has been brought up simply. Anyway, it usually takes her from one to two seasons to get over the idea, and during that time she usually loses a good man or two just by way of convincing her that her tactics are wrong."

"But do you mean to say?"
"I mean to say this: Men—the men worth while, the men of the world of experience—don't care for half and half things. They admire a woman who does not pose, who has certain well defined ideas and who sticks to them, who is frank, who will not stoop to trickery and who is wholesome. Those are the women who count for something in the world and who win in the long run, although the others may seem to score for a time."

"Well, but just what do you mean by a wholesome woman—a woman who washes her face with soap and goes about with it shiny?"

"Oh, dear, no! Powder is not inconsistent with wholesomeness if it is not carried to extremes. The wholesome woman, by her walk, by her frank, sunny smile, by her dress even, shows

clothes will be proof that she does not live under a pretense or a sham trying to make out that she is other than what she can afford to be. But it is by her sweet, sunny disposition, her patience, her constancy and her love of home that the wholesome woman can be distinguished from her morbid, affected, neurotic sisters. She is a blessing and a constant delight to the man she marries, and she is the woman who is loved and admired by the best kind of man." MAUD ROBINSON.

HARD WORKING WOMEN.

This summer's Newport season is expected to make a record as the gayest, busiest, most crowded, of any since the place became the favorite resort of our republican aristocracy. For several years the Newport season has been commencing earlier and continuing later. Year by year our society ladies show less inclination to spend the summer in Europe except as a spot to hide away and rest in for the next winter social season. Now it has come about, too, that the fashionables in foreign lands, notably England, are stealing away from their set at home and are really coming to Newport for our summer season. This adds to Newport's gayeties and its crowd. Again, last winter Mrs. William Astor, social arbiter, let down the bars and allowed 150 more individuals to skip over into the paddock of first society; then she instantly put them up again. All these new people will flock to Newport. The old town, which was erstwhile chosen for a place of summer rest and restoration by the sea, will merely witness a continuation of last winter's social circus in intensified form.

Last winter was the heaviest social season ever known in New York and Washington. The quite up to date fashionable woman not uncommonly went to a lecture in the morning and in the afternoon to a tea, where she swallowed peanut sandwiches and other concoctions the most unholly that could pass into human stomach; after that out to dinner of half a score of courses and more iniquitous concoctions, then away to the opera till midnight. "After the opera's over, then we retire to the ball," to dance and again stuff till after the sons and daughters of toll have taken their places on the treadmill. Does daylight look in disgusted on the revelry, the wan faces, the withered flowers? Draw the curtains closer, turn the electric lights higher, shut out the day beams, and on with the dance! Let not the whirl stop!

It is no exaggeration to say that the life society women lead in New York and in the national capital during the season is much like that. What do they do it for? I don't know. Nobody knows. To the less happy it would look as if this feverish, incessant spinning round were to enable them to forget. But what can fortune's favorites have on their minds that they wish to forget?

The strain of such a life is harder than that of the washerwoman. Last winter it broke down several who started in determined to do or die. One of these was Mrs. Roosevelt, the amiable, hospitable wife of our president. She was obliged to retire temporarily from the field ere the welcome coming of Lent gave succor from entertaining and receiving. One of her most efficient aids, Mrs. Knox, wife of the attorney general, also dropped before the season closed, a victim to her desire to keep up with her duties in the world of society.

In New York city it was the same, only more so. Numbers of the society leaders were knocked out prematurely. Some retired quietly to their country homes, others sailed to Europe to this or that spa to drink nauseous waters and live on plain food until such time as they could once more piece together their shattered nerves. Others still went for a cruise upon their yachts or to Florida or California or the Carolinas—anywhere to get away from turning night into day and the digestion inside out.

It is said the only leading society woman able to endure a social season without winning is the oldest of them all, Mrs. William Astor, the Mrs. Astor, a lady now almost seventy years of age. With serene, secure mind she starts in at the beginning of the season, takes the lead in the social race

and keeps it to the end, royal and strong.

"I am well because I take good care of myself," she is said to have remarked. "This is true of every one, no matter what she does. Perhaps I am more prudent and temperate in my manner of living than others who complain. Nerves? I do not know that I have any."

If the present and future Newport seasons are to be a continuation of winter dissipations, merely shifted to a new scene, when will our poor millionaire ladies get any rest? On the whole, seeing what awaits young femininity in high life, it is well that American college girls are now taking strenuous training in golf, basket ball and, it is said, even football. They will need to be Sandows, every one, if this thing continues; but, again, a rank outsider may be permitted to ask, What is it all for?

KATE SHARP.

One of the best things for the general health, also for the shapeliness of the feet, is to go barefoot. Country children who were permitted in the old time to run barefoot in summer rarely had corns and misshapen feet when they were grown.

When writing to advertisers please mention The Journal.

Work For Yourself.

We will furnish goods on credit to live, young men with team and wagon. An exceptional opportunity to build up a business of your own, handling our standard remedies, extracts and toilet articles. No experience necessary. We give you credit. We are the oldest, largest, best company of the kind in the world. 225 bonded commission canvassers now at work. Reference and bond required. THE B. WATKINS CO., 98 Liberty St., Winona, Minn. Established 1855. Capital Stock \$500,000.

PIMPLES, FRECKLES, Etc., Quickly Removed And the Skin Made Beautiful.



Face Bleach not only removes pimples, freckles, moths, brown spots, oiliness, tan, sallowness, Acne, Eczema and other skin diseases and blemishes, but it wonderfully improves the skin. For those who doubt its marvelous efficacy I have published a few of the thousands of letters I receive which praise its merits.

PROOF POSITIVE

June 15, 1902. Dr. J. B. SILVER, 12 CAUSEWAY ST., BOSTON, MASS., writes: I recommend your wonderful Face Bleach in the treatment of skin diseases and in the successful removal of all blotches and pimples. I daily receive the highest compliments of the efficacy of your Face Bleach.

June 23, 1902. Mrs. MARY WILCOX, MT. JEWETT, PA., writes: I have been using your Face Bleach for some time. It has done wonders for me. I had a very oily and pimply skin; now my skin is smooth and not oily at all.

June 21, 1902. Miss MARY MOONEY, EBERVALE, PA., writes: I am using your Face Bleach and my freckles are fading quite fast.

Face Bleach will be sent to any address upon receipt of price, \$2.00 per bottle. Book "How to Be Beautiful" sent upon request for 6 cents stamps. MME. A. RUPPERT, 6 E. 13th St., New York City.

Dining Cars
ON
IRON MOUNTAIN ROUTE

Meals served a la carte on trains from Texas to Memphis, St. Louis and intermediate points.

ELECTRIC LIGHTS AND FANS
ON
DINING AND SLEEPING CARS.

THE ONLY LINE
FROM
TEXAS
TO THE
NORTH and EAST
WITH
DINING CAR SERVICE.

J. C. LEWIS, TRAVELING PASS'N AGENT, AUSTIN, TEX.
H. C. TOWNSEND, GEN'L PASS'N AND TICKET AGENT, ST. LOUIS.

DEAL DIRECT WITH MAKERS
CHAS. P. SHIPLEY, Manufacturer.

25 STYLES,
Of the Best
SHOP MADE BOOTS
In America and
100 STYLES
of
HIGH GRADE STOCK SADDLES

Ask your shipper about us
Write us today for our 1902 catalogue and Free Sample Blanks.

No. 50 Boot. **Prices Right**

Stock Yards Harness Company
16th and Genesee St., KANSAS CITY, MO.

INTERURBAN LINE

NORTHERN TEXAS TRACTION CO.

Runs 40 Cars
Daily Between
FT. WORTH AND DALLAS

Cars leave each end of the line every hour and on the hour from 6 a. m. to 11 p. m.

For a beautiful descriptive pamphlet address
W. C. Forbes,

DALLAS FTWORTH

THE GREAT EAST AND WEST LINES EVER
Louisiana and Texas.

THE TEXAS AND PACIFIC RAILWAY

NO TROUBLE TO ANSWER QUESTIONS.
Runs through the irrigable districts of
WEST TEXAS AND THE PECOS VALLEY

Those residing out of the State are requested to write for
NEW BOOK ON TEXAS—Free
E. P. TURNER, General Passenger Agt.
DALLAS, TEXAS.

"In The Good Old Summer Time"

Not long now until the substance of the song becomes a stern reality to the people of the Southwest, hence it is time to

Pick Out Some Cool and Healthy Spot.

Where the expended energy of a busy Winter and Spring may be re-couped. With our assistance the choosing of the place—where to go—is now an easy matter. It should be a place where the air is light and dry and easy to breathe, where there is good fishing and other sports, where scenic attractions abound, and where there are good hotels and first-class boarding houses—in a word, where one may take it easy and enjoy the passing hours in comfort and at a reasonable cost.

"The Denver Road"

Offers direct more of such attractive summer vacation propositions than any other line in the Southwest. Drop us a postal card on the subject and be convinced.

A. A. GLISSON,
Gen. Pass. Agt., Ft. Worth, Tex.



LOVE OF HOME

beauty and truth of her character makes you glad there are such women in the world."

But how can she show her mental qualities by her dress?"

Very easily. She avoids loudness and sloppiness; in fact, she can be capable of neither. She doesn't fuss and fret and worry over her dress, because she doesn't need to. It is simple and within her means. Rather than have three gowns over which she must wrimp and save, not to speak of sacrificing other things, she will have one perfect in every detail, useful, smart and appropriate. Her shirt waists will be few and simple, if she cannot afford elaborate ones, but they will be snowy and immaculate. In a word, her very

PENCILED PARAGRAPHS

WHAT DO YOU WANT FOR A DOLLAR?

It is not so much a matter of how much you want, but what you can get for your dollar. Now, you may want a piano—a range or a gasoline engine—or a trip to St. Louis—or a hundred and one things, but if you don't try, you can't possibly get them. So we say to you if you want a \$500.00 piano or \$100.00 cooking range, or a \$250.00 gasoline engine or 535 other gifts we will distribute—try—you may be the lucky one. This is your opportunity. Read "ad" on page 2 of this paper and send in guess at once.

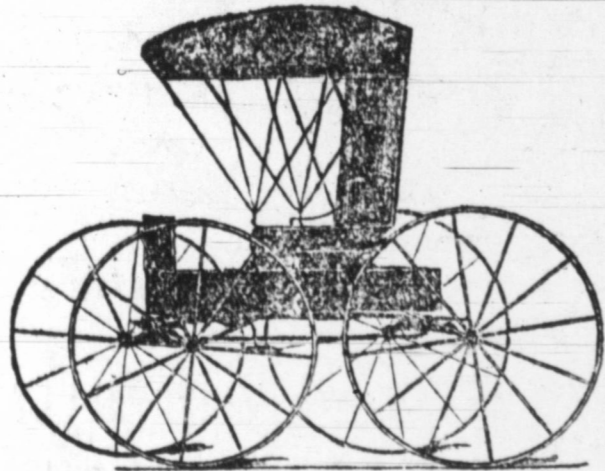
ARE YOU A HAY RAISER?

In this great southwest where thousands and thousands of acres are given to hay raising, the question of handling the crop is very important, especially in knowing how to store it and preserve it.

The question of economical storage is answered by the use of the Hay Press—in this day and time. A farmer can hardly afford to be without one, especially when you take into consideration that you can get one adapted to your own use, at a very reasonable price, and this season, with a big crop of hay assured, you may want one quick. The Little Giant Hay Press Co., of 126 and 128 Patterson St., Dallas, Texas, are promoters of the "Little Giant" Balling Press—which can be operated by hand—is durable and easily handled and if you are going to purchase a Hay Press this season, you should get their descriptive circular and prices at once. In writing them kindly mention the "Journal."

BUGGIES! BUGGIES!

The Century Manufacturing company of East St. Louis, Ill., are the largest manufacturers of buggies and surreys in the United States. They sell direct from their factory to homes at factory prices. They are consequently in position to save the customer from \$20 to \$40 on the purchase of a buggy and from \$40 to \$60 on the purchase of a surrey. The Century buggies are without a doubt the best manufactured in the United States. They sell for cash or on easy monthly payment plan, and



they will be pleased to extend credit to honest people living in all parts of the country. They are offering a regular \$75 buggy for only \$33.50 and the buggy is fully guaranteed for three years. The Century brand of buggies are the only buggies in the market that are warranted for three years. We would suggest that our readers write to the Century Manufacturing company, East St. Louis, Ill., for their free buggy catalogue, and in so doing please mention the fact that you were advised to do so by the Journal. See advertisement on another page.

WHAT DO YOU WANT IN LAND?

To know where to buy is the question of every one when they are looking for land. The Central realty agency of No. 4, Hall building, Kansas City, Mo., are truthfully said to be the connecting link between buyer and seller, and their fair and square dealing with their patrons makes one feel safe in doing business with them.

The concern are men of such standing and business integrity as commends them to the public.

Mr. J. G. Howard, president, is well known in the Southwest, having been connected with the Frisco railway system for years. Mr. G. W. Pettyjohn, vice-president, is known throughout the West, and his connection with the Missouri Pacific Railway company for years, is a guarantee to be proud of. And their treasurer and secretary, Mr.

Richard Palmer, is a man of good character and business integrity. You can well afford to trust your land in their hands, either buying or selling. See their ad in classified columns on another page of this paper. Mention this paper when writing them.

WHAT'S IN A NAME.

A good deal if it is Manteur. This is the time of the year if you ever needed a buggy, you do now. Get it while you can enjoy it and get the best use of it. The Manteur buggies are very reasonable in price and the mechanical construction durable and stylish. And when you are buying you might just as well get the latest, when it don't cost you any more. One of their specials you will notice in their advertisement in another column of this paper. By writing them for their catalogue you get a book most replete and artistic, and one everybody should have in their home, as you will have a guide to help you to buy "right."

Address Manteur Mercantile company, 615 Wyandotte street, Kansas City, Mo.

Mention this paper in writing.

THE RIGHT PLACE TO BUY.

It is a pleasure to do business with the right kind of people, people who will treat you right, and are honest, and have what you want. The Southern Liquor company of 378 Main street, Dallas, have made a name for themselves by fair and honest treatment of their customers, giving them quick service and full measure. They are a Texas concern, run by Texas people, and want the trade of home people. The special offer of a bottle of fine wine free with four full quarts of their whiskies, all for \$3.00, is very liberal, and is meeting with a big success. The wine is something you should have in your home for medicinal purposes at all times. If you haven't taken advantage of this offer, order to-day.

See ad in another column of this paper.

NO CHANGE IN POLICY OF THE TEXAS WIND MILL CO.

The recent death of Thomas Snow, at Batavia, Ill., will be regretted by a great many Texas people. Mr. Snow was president and principal owner of the Challenge Wind Mill Co., of Batavia, Ill., and of the Texas Challenge Wind Mill Co. of Dallas. Probably only a few of our people knew of Mr. Snow, still there are thousands of them who are acquainted with his companies and the goods which he manufactured. He was a pioneer wind mill manufacturer, and from a very humble beginning, built up a magnificent business, which is well and favorably known in every part of the civilized world. His goods have been sold largely in Texas since they were first made, and there are very few of our old settlers who do not remember the old Challenge wind mills that were put up all over the state many years ago. The younger generation are better acquainted with the Dandy Wind Mill, which has been Mr. Snow's principal product for the past ten years. During his lifetime Mr. Snow did everything that he could toward meeting the requirements of the trade that demanded strictly high-class goods, and to him many a ranchman and his herds on the broad prairies of Texas are indebted for the means of quenching their thirst, when the elements were unfavorable. Mr. Snow was a man with the extraordinary faculty for looking into the future, which is not possessed by many, and he rarely made a mistake in business matters. He built up a large fortune from a very small beginning, but through it all he bore a reputation for conscientiousness and large-heartedness not usually found in men with extraordinary talents for business and money making. He will be seriously missed by his associates and the trade in general, but his factory at Batavia, as well as his Texas company at Dallas, will be continued on the same lines which he laid down.

SAFE, RELIABLE, BUSINESS LIKE.

What more do you want if you are going to do business with a company but to know they are "Safe, Reliable and Business Like." The Equitable Home Assn. of 160 Main street, Dallas, Texas, is doing an extensive business

\$1.00 EXTRAORDINARY OFFER \$1.00



Why we can give you Better Treatment than other houses:

Because we are close to you—you get your goods next day, no weeks delay. If your order reaches us to-day you get it to-morrow. We have a reputation to maintain, we are a home Co. and do business with a home people, therefore our Whiskies are Pure and we want more than one order from you. We are reliable and honest and if our whiskey is not as represented send it back and get your money back.

Our special offer of One Quart of 8-year-old Rosedale Rye Whiskey for \$1.00, express prepaid, will convince you that you should have a gallon at \$3.00. You cannot buy anything purer, better or more satisfactory than Rosedale Rye—no matter how much you pay.

Try this Special Offer, one quart for \$1.00 and you will add your testimony, with thousands of others, it is the best you ever drank.

Harvest is Coming—Trade with a house that will give you the best whiskey and quickest service.

As a Special Inducement to each one who will cut this "ad" out and inclose with order for four quarts of Rosedale Rye at \$3.00 per gallon, we will SEND FREE ONE BOTTLE OF PORT WINE.

Packed in plain boxes—No marks to indicate contents. This is pure old mellow whiskey. Upon receipt of same taste it, and if not perfectly satisfied, return at our expense and your money will be refunded. Can ship whiskey anywhere in Texas by railroad in two days. Address all orders to

\$1.00 SOUTHERN LIQUOR COMPANY, \$1.00
378 Main Street, Dallas, Texas.
PATRONIZE A TEXAS INSTITUTION.

The Unanimously Adopted Vacation Spot of THE INITIATED is

COOL COLORADO

With its Numerous Resorts, Superb Climate, Matchless Scenic Grandeur and Reasonable Accommodations...

"THE DENVER ROAD"

Is the Shortest Route by more than 150 miles, and offers Double Daily Solid Trains with Pullman Palace Drawing Room Sleepers on each; Quickest Time by Hours; All Meals in Handsomely Equipped Cafe Cars—(a la carte)—at Reasonable Prices, and more Valuable Stop-Over Privileges than any other line.

Write us for "the proofs," also for Beautifully Illustrated Books of Information. They are free.

**A. A. GLISSON, General Passenger Agent,
Fort Worth, Texas.**

on "the Rent Equity plan"—enabling one to own their own home by paying rents. Mr. N. W. Dunham, manager of the State of Texas, with offices 412 and 413 in the Juanita building, has just returned from a very successful business trip up through Caldwell and Hunt counties and reports business prospects good. While Mr. Dunham has a good many agents assisting him throughout the state, it may be you know of some one who would like to get a home on the rent plan, where agents have not reached you. If so, write Mr. Dunham or call your friend's attention to the Equity Home association advertisement in this paper—they will gladly furnish you particulars—and if you are paying rent, it may place you in possession of a home for the rent you are paying. Kindly mention the "Journal" when writing.

EXCLUSIVE TANK AND CISTERN BUILDERS.

"Greater Dallas can boast of the largest exclusive tank and cistern makers in the United States and world, in Harry Brothers establishment whose extensive works are located at Alamo street and the M. K. & T. tracks. They have just moved into their new office building adjoining their works. The fact that they make a specialty of the

Destroys daily comfort. Wears the body. Worries the mind. tank and cistern building gives them a great advantage in turning out the goods. They work a force of men all told of about 60, building and placing tanks. Their contracts with a number of the Texas railroads to furnish tanks is in itself no little matter and with the cotton seed oil tank business and cisterns for water, keeps a large force at work, and enables them to turn out

work at very reasonable prices.

If you are going to need anything in the tank or cistern line soon write, and kindly mention the "Journal." Harry Bros. are a Texas company and can give you good goods and quick service.

\$75,000 STOCK OF DRY GOODS TO BE SOLD AT ONCE—SPECIAL ANNOUNCEMENT.

Now is the time to buy while you can buy right. \$75,000.00 stock of Dry Goods, Carpets, Draperies, Notions, Shoes and Clothing is to be sold at less than manufacturer's cost. L. Berwald & Co. of 248 and 250 Elm street, are going out of business and will continue this great sale until their whole extensive stock is sold. Here is an opportunity of a life time to get outfits at a price—when you consider their quality—that will please every housekeeper. Take advantage of this offer as it will not come your way again this season. Don't put off coming in too long as the goods you want may be gone. You will find bargains in every department of this big establishment, so there is hardly anything you need in the Clothing and Dress Goods line but what you can buy at very low prices. See advertisement on last page of this paper. Mention the Journal in ordering.

HELP ON THE FARM AND RANCH.

Just what you need, a Blakeslee Gasoline Engine. It is cheaper to have the good things than to do without them—when they help you to make money. We make a specialty of 1, 2, 3½ and 4½ H. P. gasoline engines for farm uses, such as grinding feed, pumping water, sawing wood, running the grindstone, or for any other purpose whatsoever requiring small power. We guarantee satisfaction. Write us for prices and terms. BLAKESLEE MFG. CO., Birmingham, Ala., U. S. A. We can ship to Houston, Fort Worth and Oklahoma, City, O. T.

MARKETS

FORT WORTH.

There has been a liberal run of cattle and sheep on market early this week and the quality was fair. Hog shipments are below the average in numbers, so far, and better average prices prevail than at Kansas City.

Latest quotations: Hogs, top price \$6.17 1/2; bulk \$6.00@5.75. Cattle, steers, top \$4.10; bulk \$3.70@2.15. Heifers and cows, \$3.10; bulk \$2.60@2.10. Calves \$4.00. Bulls \$2.50@1.75.

Fort Worth, Tex., May 23.

Receipts of cattle have been light this week, and the price on all classes have advanced about 10c compared with the closing of last week, and if light receipts continue we may reasonably expect prices to advance and the prospects for the coming week are more encouraging than for some time past. Good, toppy, choice cows are selling from \$2.60 to \$2.75 and a more medium grade at \$2.40 to \$2.50. The bulk of the steers are from \$3.00 to \$3.75, with choice fed steers from \$4.00 to \$4.70. We sold to-day some \$11-pound grass steers for \$3.15 and some \$90-pound for \$3.40.

The hog market has gradually declined all this week and tops are quoted at \$6.35, with the bulk of the sales at \$6.10 to \$6.20. It is reported that the packing houses will double their capacity during the month of June, which will make Fort Worth the best as well as the nearest market for all Texas cattle.

GEO. W. SAUNDERS COMMISSION COMPANY.

Fort Worth, Tex., May 23.—The receipts of cattle at this point for the past week have been lighter than at any time since the movement of Southern cattle began. The quality has also suffered materially, and it now looks as if 75 per cent of 30 per cent of the fat cattle from Southern Texas have gone to market. Prices have undergone very little change during the week, but the market closed with an upward tendency, and if receipts continue light, with other conditions being equal, we look for better prices the coming week on good, fat cattle. There is, however, no improvement looked for in the common kinds, as the majority of the receipts at present are very inferior in flesh and are not sought after by the killers.

The receipts of hogs have been lighter this week than they have been for quite awhile, but notwithstanding the light receipts, the market has had a further decline of about 5c to 10c on all classes. Our extreme tops for to-day would be about \$6.30. As stated in our last letter, we still think the receipts are going to get lighter and don't think the market can get much lower, as the scarcity and demand that we have for them here will keep prices up to present quotations.

The sheep market is 10c to 20c higher than it was last week. The receipts have not been as heavy as they were and we could use 3 to 5 double decks every day, at good, strong prices, for the good kinds, which would bring from \$3.75 to \$4.25. Lighter, 70 to 75-pound sheep, of commoner quality, are bringing \$3.25 to \$3.50.

FT. WORTH LIVE STOCK COM. CO.

Fort Worth, Tex., May 22.—At the Northern markets this week cattle receipts were again liberal. They consisted chiefly of Southern Texas Grassers, a fair proportion being cows. Both steers and cows suffered a decline of about 10c to 15c in price this week. On Monday a load of 1124-pound fed steers sold in St. Louis at \$4.65. Thursday \$4.40 was the best price that could be obtained for a load averaging 1157 pounds. Those weighing 900 to 1000 pounds are quotable there at \$3.75@4.25. Majority of all the best butcher cows are selling in St. Louis at \$2.80@3.10. With only about 5500 cattle on the yards here this week, our market has ruled generally active and strong. Best steers have sold within 25c of St. Louis and Kansas City, and medium and lighter weights within 10c to 15c. The heavy run of South Texas stuff is now about over and with continued light receipts next week there are looked for some better prices. The best fed steers here averaged 1175 pounds and sold Wednesday at \$4.15. Fed steers weighing from 1050 to 1115 are quotable at \$4.00@4.25. Heavy grass showing good flesh and quality, \$3.50@4.00, and lighter weights from \$3.00@3.50. While some extra choice cows have sold as high as 3c, the majority of good butcher stuff sold at \$2.60@2.30. Fair to good killers, quotable \$2.00@2.50, and canners \$1.50@2.00. The demand for veal calves, weighing 150 to 200 pounds is more active and are selling from \$3.50@4.00. Several buyers are on the yards for tidy little steers and yearlings at \$2.00@2.50. The bull market remains about steady. Best fed bulls, \$2.25@2.40, and feeding bulls \$2.00@2.25.

Sheep market remains about steady. Good, fat wethers, weighing around 80 pounds, sell any day at from \$3.50@4.00. For thin sheep, there is practically no demand.

Since last Saturday the hog market has declined about 20c per cwt. Top hogs in Kansas City to-day quotable at \$6.30. For smooth 200-pound and up Oklahoma hogs would bring in Fort Worth \$6.25@6.30, with lighter weights selling in line.

NATIONAL LIVE STOCK COM. CO.



GEO. T. REYNOLDS President A. F. CROWLEY Vice-Pres. & Gen'l Mgr. V. S. WARDLAW, Sec'y & Treas.

FORT WORTH LIVE STOCK COMMISSION CO. INCORPORATED

The Oldest Commission Company on this Market.

SALESMEN:

W. D. DAVIS, Cattle.
L. RUNNELS, Ho

REFERENCES:

FORT WORTH BANKS

Consign your Stock to us at Fort Worth, Chicago, Kansas City, St. Louis or St. Joseph, Mo.

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.

KANSAS CITY.

Kansas City, Mo., May 25.—Cattle receipts 3000 natives, 1300 Texans, 65 natives and 65 Texas calves. Market steady to 5@10c higher; choice export and dressed beef steers \$4.55@5.25, fair to good \$3.50@4.55, stockers and feeders \$2.85@4.75, Western fed steers \$2.80@5.00, Texas and Indian steers \$2.50@4.10, Texas cows \$2.00@3.00, native cows \$1.50@4.50, native heifers \$3.00@4.70, canners \$1.00@2.50, bulls \$2.80@4.00, calves \$2.50@6.50. Hog receipts 3600. Market 10@15c lower; heavy \$6.10@6.25, mixed packers \$6.00@6.17 1/2, light \$5.60@6.10, pigs \$5.00@5.60. Sheep receipts 5800. Market active; native lambs \$4.90@7.60, Western lambs \$4.00@7.40, fed ewes \$3.60@5.30, native wethers \$4.80@5.30, Texas clipped sheep \$3.75@5.65, stockers and feeders \$3.40@4.20.

ST. LOUIS.

St. Louis, Mo., May 25.—Cattle receipts 2500, including 1500 Texans. Market strong and higher; native shipping and export steers \$4.00@5.25, dressed beef and butcher steers \$3.75@5.00, steers under 1000 pounds \$3.75@4.75, stockers and feeders \$3.00@4.50, cows and heifers \$2.25@4.75, canners \$2.00@2.75, bulls \$2.50@4.00, calves \$4.50@6.25, Texas and Indian steers \$2.90@4.00, cows and heifers \$2.25@3.30. Hog receipts 5000. Market 10@15c lower; pigs and lights \$5.60@5.90, packers \$5.75@6.15, butchers \$5.95@6.25. Sheep receipts 1000. Market active and strong; native muttons \$4.00@5.60, lambs \$4.50@7.00, culs and bucks \$2.50@4.50, stockers \$2.00@3.00, Texans \$3.75@4.75.

ST. JOSEPH.

South St. Joseph, Mo., May 23.—The bad finish of the cattle market at all points last week failed to check receipts to any extent this week, and prices broke sharply. The local market showed a decline of generally 15 to 25c, the plain and unfinished grades selling to the least advantage. Cows and heifers were in light supply, but values broke 15 to 25c. Stockers and feeders were of slow movement to the country early in the week, but with a break of 40 to 50c with two weeks ago the outlet was fairly good.

Under liberal receipts at all points this week the downward trend of hog prices was not arrested, as values were lower on each day this week. The tops to-day were at \$6.45, with the bulk of sales at \$6.20 to \$6.30. The general quality was of good average and weights were of strong average.

There has been little change to note in the market for sheep and lambs, prices holding fully steady with a week ago, as the demand was fully equal to the liberal receipts. Colorado lambs and Texas and Arizona sheep made up a heavy proportion of the receipts, with offerings from Kansas, Nebraska, Iowa and Missouri showing an increase with the last several weeks.

DALLAS.

Dallas, Tex., May 25.—One car of hogs, four wagonloads of hogs, twenty head of sheep and a few drive-in cattle were the receipts of the Dallas Union Stock Yards to-day. The Northern hog markets all closed 10@15c lower to-day and the local market also declined 10c. Hogs sold from \$5.75@6.10, the bulk of the sales being made at \$6.00. Cattle brought from \$2.00@2.75 and the sheep sold for \$3.50. The demand continues good for anything fat. Poor cattle are slow-sale and not much wanted. Prices are as follows: Finished hogs, 200 to 240 pounds, \$5.75@6.00; mixed packers \$5.35@5.75, light fat hogs \$4.60@5.35, choice steers \$3.50@4.00, good to fat steers (around 900) \$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@2.00, choice muttons \$3.50@3.75.

GALVESTON.

(Reported by the A. P. Norman Live Stock Company.)

Galveston, Tex., May 23.—Market fairly supplied with cattle and calves; prices have been well maintained and unless there are excessive receipts, will continue unchanged. Quotations: Beeves, good to fair, \$3.00@3.25; common to fair, \$2.50@2.75; cows, good to choice, \$2.50@3.00; common to fair, \$2.00@2.25; yearlings, good to choice, \$3.00@3.25; common to fair, \$2.50@2.75; calves, good to choice, \$4.00@4.50; common to fair, \$3.00@3.25.

SALES AT KANSAS CITY.

Some sales in quarantine division at Kansas City:

W. W. O'Bryan, Welch, I. T., 32 steers, 1296 pounds average, \$4.70; W. O'Bryan, Welch, I. T., 4 bulls, 1590 pounds average, \$3.50; Driggers & Sharp, Chickasha, 178 steers, 1040 pounds average, \$4.45; J. P. Lenzle, Owassa, I. T., 44 steers, 1123 pounds average, \$4.30; J. H. Shufeldt, Lene-pah, 69 steers, 1307 pounds average, \$3.95; W. F. Ginn, Krum, Tex., 61 steers, 1096 pounds average, \$4.05; 25 steers, 933 pounds average, \$3.75; 1 calf, 190 pounds, \$5.25; Bluet & Hooper, Fort Worth, 27 cows, 850 pounds average \$2.80; L. L. Hanks, Purcell, I. T., 15 steers, 855 pounds average, \$3.60; 13 cows, 777 pounds average, \$2.80; Felix Penner & Son, Mill Creek, I. T., 119 steers, 916 pounds average, \$3.40; Parker & Titsworth, Fort Smith, Ark., 50 steers, 871 pounds average, \$3.40; John McDonald, Vernon, Tex., 23 steers, 997 pounds average, \$4.00; Williams & Finley, Baird, Tex., 22 steers, 1016 pounds average, \$4.00; 11 steers, 904 pounds average, \$3.75; 12 cows, 88 pounds average, \$3.00; 15 cows, 630 pounds average, \$2.60; 15 bulls, 1116 pounds average, \$3.16; 1 bull, 1620 pounds average, \$3.30; Jno. Griffith, Fort Worth, 59 cows, 756 pounds average, \$3.25; Wm. Watson, Bartlesville, I. T., 25 steers, 840 pounds average, \$3.95; W. R. Han, Caney, Kan., 50 steers, 740 pounds average, \$3.60; Driggers & Sharp, Chickasha, I. T., 101 steers, 923 pounds average, \$4.10; J. T. Elder, Noble, Okla., 56 steers, 856 pounds average, \$3.50; 1 bull, 1410 pounds, \$3.35.

SALES AT ST. LOUIS.

Some representative sales of quarantine cattle at the St. Louis National Stock Yards last week were as follows:

B. Miller, Okmulgee, I. T., 46 steers, 1249 pounds, average \$4.60; 1 bull, 1490 pounds, average \$3.85; W. C. Wheeler, Fort Worth, Tex., 32 heifers, 653 pounds average, \$3.50; 31 heifers, 824 pounds average, \$3.50; Stewart & H., Texarkana, Tex., 88 steers, 950 pounds average, \$4.10; 1 cow, 906 pounds average, \$3.50; 15 steers, 945 pounds average, \$4.10; 18 steers, 973 pounds average, \$4.10; 3 steers, 945 pounds average, \$4.10; North & Buehrig, Cuero, Tex., 70 steers, 950 pounds average, \$3.80; 1 bull, 1090 pounds average, \$2.50; Roberts Bros., Dilley, Tex., 30 steers, 894 pounds average, \$3.65; 28 steers, 771 pounds average, \$3.55; 4 cows, 777 pounds average, \$2.50. A. H. Jones, Cotulla, Tex., 25 steers, 938 pounds average, \$4.00. Naylor & Jones, uCulla, Tex., 298 steers, 796 pounds average, \$3.45. Schriener & H., Pearsall, Tex., 154 steers, 986 pounds average, \$3.90; 179 steers, 984 pounds average, \$3.90. J. W. Mathis, Pearsall, Tex., 48 steers, 962 pounds average, \$3.85; 141 steers, 995 pounds average, \$3.90. Geo. West, Beeville, Tex., 195 steers, 924 pounds average, \$4.00; 100 steers, 932 pounds average, \$4.00; 98 steers, 952 pounds average, \$4.00. Sheeley & Hunter, Karnes City, Tex., 150 steers, 937 pounds average, \$3.75. S. & L. Lavenberg, Eagle Pass, Tex., 9 cows, 791 pounds average, \$2.60; 175 steers, 874 pounds average, \$3.75. W. T. George, Wolfe City, Tex., 43 mixed, 580 pounds average, \$2.40. R. Driscoll, Driscoll, Tex., 52 cows and heifers, 811 pounds, \$3.15; 69 heifers, 620 pounds average, \$3.15; 54 cows and heifers, 805 pounds average, \$3.15; 53 cows and heifers, 814 pounds average, \$3.00. Cisco Oil Mills, Cisco, Tex., 124 calves, 415 pounds average, \$3.10. J. Johnson, Wortham, Tex., 50 steers, 945 pounds average, \$3.50. W. S. Thompson, Coleman, Tex., 37 steers, 1129 pounds average \$4.25. W. L. Hargus, Cotulla, Tex., 122 cows, 703 pounds average, \$2.65. W. A. Lowe, Alice, Tex., 221 steers, 989 pounds average, \$3.90. W. Lindsay, Terrell, Tex., 74 steers, 892 pounds average, \$3.85. M. Houston & Son, Beeville, Tex., 23 steers, 1008 pounds average, \$4.00; 80 bulls, 1325 pounds average, \$2.89. J. F. Green, Encinal, Tex., 23 steers, 806 pounds average, \$3.35; 95 heifers, 656 pounds average, \$2.85; 28 cows, 806 pounds average, \$2.80. J. K. Burr, Eagle Pass, Tex., 50 steers, 881 pounds average, \$3.20; 75 cows, 625 pounds average, \$2.60; 1 calf, 360 pounds, \$2.60. J. T. Maltzbuger, Cotulla, Tex., 41 heifers, 539 pounds average, \$2.65; 119 cows, 692 pounds average, \$2.65. Gunter & Jones, Reynolds, Tex., 63 calves, 362 pounds average, \$2.75; 19 calves, 355 pounds average, \$2.75; 43 calves, 366 pounds av-

erage, \$2.75; 59 bulls, 886 pounds average, \$2.75; 33 steers, 757 pounds average, \$3.25; 27 heifers, 645 pounds average, \$3.25; 159 cows, 613 pounds average, \$2.25; 34 heifers, 443 pounds average, \$2.75. H. Wallace, Encinal, Tex., 23 steers, 1072 pounds average, \$3.90. Bell & Baker, Karnes City, Tex., 25 steers, 892 pounds average, \$3.65; 26 steers, 856 pounds average, \$3.55. M. J. Baker, Karnes City, Tex., 25 steers, 866 pounds average, \$3.55.

A WONDERFUL INVENTION.

Genius has given the world many marvelous inventions. The phonograph, the telegraph, the telephone, the cotton gin, the steam engine and the many practical appliances of electricity. But of all the inventions, something that would cure us of diseases hitherto incurable is the most wonderful as well as most beneficial to mankind. The editor had the pleasure of seeing such an invention in practical operation in the office of Drs. Frank and W. C. Mullins of Fort Worth, who confine their practice to diseases of the eye, ear, nose and throat. This little instrument, which takes up the very smallest of space—only a few inches square—makes up for its smallness by its power of healing. To the hitherto hopeless blind and the deaf it comes as a realization of the hope deferred. Its principle is increased nutrition, which it can accomplish many times more than normal. One patient, whom the editor saw worked upon with it, could only distinguish bulk objects, such as a horse, a house, etc., but nothing as to form. After three minutes' treatment with this marvelous invention his vision improved about five times. The doctors state that this improvement continues from day to day, which must cause the poor afflicted one to have thrills of gratitude at each repetition of treatment. The industrial inventions are grand, but greater far is this boon for the blind and deaf. May this pioneer in the health line give genius the incentive for further efforts and possibly the next century may see the pall of many diseases lifted from mankind.

Should any of the afflicted, whose attention is called to this article, desire further information of this wonderful oscillation treatment and will write to Drs. Frank and W. C. Mullins, Scott Harold Building, Fort Worth, giving full details of their affliction, they will cheerfully inform you of the benefit you may expect from its use.

A WONDERFUL INVENTION.

It is interesting to note that fortunes are frequently made by the invention of articles of minor importance. Many of the most popular devices are those designed to benefit the people and meet popular conditions, and one of the most interesting of these that has ever been invented is the Dr. White Electric Comb, patented Jan. 1, '99. These wonderful combs positively cure dandruff, hair falling out, sick and nervous headache, and when used in connection with Dr. White's Electric Hair Brush are positively guaranteed to make straight hair curly in 25 days' time. Thousands of these electric combs have been sold in the various cities of the Union and the demand is constantly increasing. Our agents are rapidly becoming rich selling these combs. They positively sell on sight. Send for sample. Men's size 35c, ladies' 50c—half price while we are introducing them. See Want column of this paper. The Dr. White Electric Comb Co., Decatur, Ill.

A \$500 piano to be given away to the best guesser. Over 500 other presents. Read about them on page 2.

When writing to advertisers please mention the Journal

STOCK YARD NOTES.

Last week's receipts amounted to 500 hogs, 6100 cattle, 4200 sheep and 600 calves.

Col. H. C. Holloway sold to the Hotel Worth Friday 7 head of 60-pound lambs at \$5.25.

J. G. Childress of Temple had in two cars of mixed stuff, mostly steers, the latter going at \$3.70 and \$3.75.

J. S. Richardson of Boyd was in Saturday with 69 head of hogs which wre 177-pounders, selling at \$5.90.

J. R. Hamilton of Dryden had in on Saturday 290 head of sheep which averaged 89 pounds, and sold at \$3.90.

W. W. Allen of Purcell, I. T., marketed sixty-nine head of 228-pound hogs, which sold to Swift & Co. at \$6.30.

Donahue Bros. of Mulhall, O. T., had on the market 87 head of 198-pound hogs, which were bought by Armour at \$6.30.

Eugene Kile of Cushing, O. T., marketed Saturday 86 185-pound steers that sold at \$6.22 1-2, the top price of the day.

J. C. Thurmond of Uvalde marketed Saturday 118 head of cattle, 84 of which were 775-pound cows, selling at \$2.40.

John Watkins of Guthrie, O. T., topped last Wednesday's hog market with 7 head, which averaged 210 pounds, and sold at \$6.37 1-2.

H. R. Paden had in 83 head of hogs from his pens at Custer City, O. T., which average 218 pounds, and sold at \$6.35 to Armour.

D. C. Hill & Son of McKinney topped the market last Wednesday with a shipment of 47 steers that averaged 1178, and brought \$4.15.

F. S. Patten of Edmond, O. T., was represented by a shipment of 75 hogs which averaged 205 pounds, and sold to Armour at \$6.32 1-2.

Taylor & McCormack, regular shippers to this market from Oklahoma City, had in eighty head of 215-pound hogs, which went at \$6.72 1-2.

J. A. Belew of Midlothian was on the market with one car of cattle and hogs, out of which he sold 203-pound hogs at \$6.12 1-2.

Stewart, Son & McCormick of Cuero had a lot of fed steers on the market that went to Armour & Co. at \$3.80. The steers averaged 1056.

B. F. Bartholomew of Norman, O. T., topped Thursday's hog market with seventy-eight head, which averaged 217 pounds and sold at \$6.32 1-2.

S. J. Byers of Mays, I. T., was represented on Saturday's market by a shipment consisting of 61 head of hogs, which sold at \$6.12 1-2.

Harrison & Burr of Valley Mills were on the market Friday with two loads of fed steers averaging close to 1000 pounds that brought \$3.50.

W. C. Schultz of Realitos was in Saturday with 20 head of cows and 34 head of heifers. The cows averaged 773 pounds, and sold at \$2.60; the heifers, 655 pounds, and sold at \$2.75.

Gifford & Prindle were in from Honey Grove with 55 hogs, averaging 193 pounds, which sold at \$6.10, and 13 steers, averaging 953, at \$3.45.

J. W. Crump of Rockdale was in with 19 steers that weighed 931 pounds, and sold at \$3, and two cows, 785 average, that brought \$2.25.

The Houston Packing company of Houston bought of J. C. Petree of Union City, O. T., Friday, one straight car of 216-pound hogs at \$6.27 1-2.

L. E. Wilson of Cleburne topped the market Thursday in the fed steer division with a load averaging 1060 at \$4, and another, averaging 1004 at \$3.90.

J. J. Summers of Cuero had two loads of fine steers on the market Fri-

day that averaged a little better than 1000 pounds, and went to Swift & Co. at \$3.80.

Richland was well represented on the market in fed steers Thursday. F. A. Coleman had a carload that sold at \$3.65; S. G. Ward, one car that went for \$3.85, while H. A. Swink put up a carload, the steers going at \$3.75 and the cows at \$3.

C. F. Cox of Sanderson was in with 572 head of sheep which averaged 75 pounds, and sold at \$2.60 and \$3.85, and 10 lambs which averaged 62 pounds, and brought the top price of the day, \$3.90.

James Crawford of Purcell, I. T., had on Friday's market a consignment consisting of 84 hogs, which averaged 212 pounds, and topped the market at \$6.30. Armour & Co. were the purchasers.

E. J. Cooper and E. B. Smith of Beeville had in a big consignment last Thursday. The former divided his four loads of steers between the two packers at prices ranging from \$2.50 to \$4, the bulk going at \$3.40. Mr. Smith also divided his two loads of cows and steers between the packers, the steers fetching \$2.75 and the cows \$2.50.

M. W. West of San Antonio was on Saturday's market in charge of a shipment of sheep from J. McLymont of Del Rio. Mr. West says Mr. McLymont has marketed about 36,000 head of sheep so far, and has about 15,000 more to ship out. Of the 36,000 already marketed, Fort Worth packers have purchased something like 5000 of them. Mr. McLymont is the most extensive sheep shipper in Texas. His last shipment consisted of 3144 head.

See particulars of the Journal's popular gift distribution on page 2.

TROUBLE IS THREATENED.

State Land Commissioner J. J. Terrell has returned to Austin from points in West Texas, where conflicts are threatened between the hundreds of prospective purchasers of state lands when they come on the market on June 12. About 300,000 acres of choice land will be sold in blocks of four sections each to those who are first to file their applications. Commissioner Terrell says that crowds of homeseekers are already gathering at these county seats and some of them have been in line awaiting the day of the land sales for six weeks, sleeping on the spot and having their meals sent to them.

CHEROKEE LAND LEASES.

The interior department at Washington has issued a circular in which the regulations governing the leasing of the lands in the Cherokee Nation are set forth. The regulations give the right to Cherokee citizens to rent their allotments for a period of one year for grazing purposes. The leasing may also be done for a period of five years when approved by the secretary of the interior. Cattle grazed or leased allotments are not liable to a tribal tax.

BIG PACKERY FOR DALLAS.

Persistent reports to the effect that Schwarzhild & Sulsberger intend locating their Texas packing plant in Dallas are again being circulated. Officials of the company were in the city last week, but declined to make public the purpose of their visit. It is believed, however, that negotiations towards securing a favorable site for the buildings are now under way.

Livestock breeders of Canada will make a big display at the World's Fair, in St. Louis. They have asked for government assistance to the extent of \$250,000.

TEXAS DEMONSTRATION FARM.


Dr. S. A. Knapp, in charge of the Experimental Stations of the Department of Agriculture of the United States, was in Houston last Friday in conference with Col. S. F. B. Morse preparatory to an excursion to West Texas for the purpose of conducting a preliminary examination of the conditions there with a view of establishing an experimental station. Dr. Knapp left later for the West accompanied by Prof. H. P. Atwater, of the Southern Pacific's industrial department. Preliminary steps toward the loca-

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