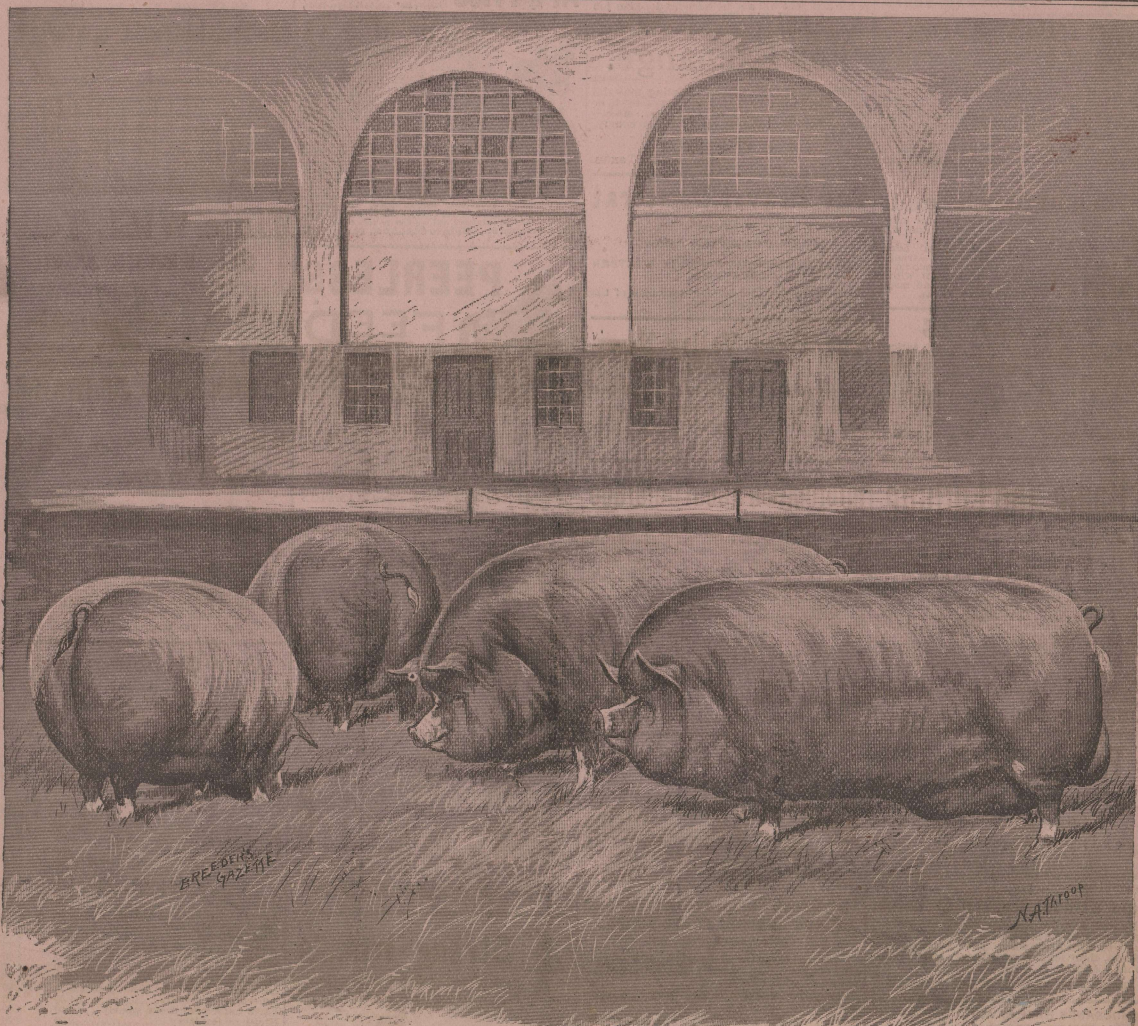


TEXAS FARM AND RANCH

Vol. XII.—No. 46.

DALLAS, TEXAS, NOVEMBER 18, 1893.

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A GROUP OF PRIZE-WINNING BERKSHIRES FROM THE RIVERSIDE HERD OF A. J. LOVEJOY & SON, ROSCOE, ILLINOIS.

THE CATTLE OUTLOOK.

Texas Stockman.

This office is in receipt of replies from farmers and stockmen in 121 counties in this state, to whom a letter of inquiry had been sent, asking for a report as to the condition of live stock, especially cattle, the condition of the range, etc. The replies are from every section of the state, and the result is a much worse condition of affairs than we had supposed before the replies came in. In many counties, grass and water is so scarce that a very large per cent of range cattle must die, especially if the coming winter should be unusually wet and cold.

The replies showing the condition of cat-

tle and the range, have been arranged by us under four headings, denominated as "good," "fair," "poor," "very bad." Correspondents tell us that in forty-one counties the range is good, and cattle are in fine fix. In twenty counties, the condition of cattle and the range, is put down as fair. In twenty-nine counties, stock and range are put down as poor, while in thirty-one counties, our correspondents tell us that cattle are in very bad condition, with but little, if any grass, and water fast giving out.

With a bad winter, the dis-up in these thirty-one counties would amount to 50 per cent, and perhaps more. Most of the counties in which the drouth is the most severe, and where the largest losses are liable to

occur, are located in South and West Texas, still almost every section of the state has a dry tier of counties. In short, taking the state as a whole, the majority of our correspondents report that the drouth has been more severe this year in Texas than at any time since 1857.

Some contend that rain thus late in the season, would do more harm than good, as it would only rot what little grass is left. We do not adhere to that opinion, however. Cattle can subsist on very little food, if they have a sufficiency of water. And again, there is plenty of grass in some pastures remote from water, and a good rain would fill the water holes, so stock could get at this grass. Again, in Southwest Texas, grass will grow all winter if not too

cold. Good rains would at least, provide plenty of stock water, and lessen the inevitable loss.

The yearling herd illustrated above won the grand Herd prize at the World's Fair. First at Iowa State Fair; first at the Nebraska State Fair and a silver cup at Iowa over all breeds, besides many class prizes.

The rapid increase, early maturity, omnivorous habits, and the cheapness with which food of the most suitable quality, can be produced on the farm, make good hogs the most profitable stock that can be raised on a farm. In addition to this, however, hogs require good care—then they are sure winners.

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The gold dollar is like a good woman, hard to get hold of, but when once obtained, it is very valuable.

THE Chicago Drovers' Journal says: "Meat channels seem to be full of beef and mutton, but empty of pork." Texas hog men, make a note of this.

THE disbarment proceedings against Congressman Hutcheson, at Galveston, resulted, on Tuesday last, in the complete exoneration of the accused.

It was recently announced that Congressman Sayers had yielded to the demand of the Senate for an appropriation of \$22,000 for back salaries to clerks. Congressman Sayers, over his own name, denies the soft impeachment.

THE electric light plant at the A. & M. College is now in operation, and is said to be a vast improvement over the former system taken from the power house at Bryan. The entire campus is now illuminated.

FRANK DUNE, of Calvert, who fell from a third story window at the A. & M. College, in September, receiving injuries that will cripple him for life, has been taken to New York, by his father, for surgical treatment.

THE steamship City of Newcastle, last week, brought to New York 30,000 sacks of beans, the common white bean so largely raised in this country. The duty on these beans was forty cents per bushel. This cargo came from the shores of the Adriatic. Such beans grow well almost anywhere in the United States.

REPRESENTATIVE BAILEY, of Texas, introduced in Congress a bill to stop the pay of retired civil and military officers of the United States, and to prevent any judge who has resigned his office from receiving pay. The principle of this bill is too democratic and just to be accorded even a respectable hearing in our august Congress.

We have received during the last few days a number of communications on different subjects which we are unable to answer, owing to absence of signatures in some cases and post office addresses in

others. All parties writing should remember these two important features and write them both plainly. We have a letter inquiring about our Family Grist Mill, which is from Veal Station, and without writer's name. If the party sends name we will be glad to answer.

Mrs. LEASE, in a recent interview on the results of the late election, denounces vigorously the Populist office holders of Kansas, from Governor down. She says the Populists were not defeated in Kansas on the 7th. It was merely a repudiation of the party's corrupt ringleaders. Mrs. Lease holds a \$1200 position under the Populist Governor.

THE ass who clad himself in a lion's skin practiced a successful imposition for a time, and his little game might have gone all right had he kept his fool mouth shut. It was the bray that exposed his trick. Some of our fellow-mortals who are wearing the robes of statesmanship somewhat loosely should be more prudent than the ass.

DUNN'S REVIEW says: "Since the elections there has been a decided improvement in business," and yet the same authority reports an increase of commercial failures for the week succeeding the elections, and a decline in the prices of wheat, corn, and cotton, and in produce a general decline. The "improvement" comes in somewhere else probably.

DALLAS and Fort Worth papers have arraigned the city of Dallas for its shameful hospital service. If what the papers say is true, and hospital occurrences confirm the statements made, then the City Council of Dallas ought to be ashamed of itself. One of the first duties of a city is to make proper provision for its indigent sick. Dallas seems to have forgotten this.

WE have received from Mr. G. L. Taber, of Glen St. Mary Nurseries, Marksville, La., some specimens of the Satsuma orange. The same were sampled and proved deliciously sweet and well flavored, and the average circumference of the fruit was 10.8-4 inches. In our next issue we will publish an article from a competent authority on the adaptability of this orange to Southwest Texas.

CHAS. A. EDWARDS, a former member of the Texas Press Association, and formerly editorially engaged on the Austin Statesman and other prominent papers, is now on the editorial staff of the St. Louis Grocer. In a private letter to the Manager of TEXAS FARM AND RANCH, Mr. Edwards signifies his poignant regret at severing himself from the Texas fraternity, and sends his best wishes to all "the boys."

SOMOTE IT BE.

We are optimistic enough to believe that the recent financial panic, which in a somewhat modified form still lingers with us, will prove to be a blessing cunningly disguised. It is a known fact that farmers have suffered less on this account than any other class, and that they are now in a better financial condition than they were last year or the year before. The principal effect of the panic upon farmers was to make them more economical in expenditures and more careful in husbanding their resources and more thoughtful and prudent in their plans for the future. The products of farms the world must have at some price, and that price must be paid, and the farmer is so circumstanced that he can easily supply the difference between ordinary and panic prices, with a little more than usual prudence. The profits of a year's work is not measured by the receipts, but by the difference between receipts and expenditures. No people in the world get along so well with so little actual cash as farmers. Our farmers are now fairly prosperous, and with the present tendency of events will enter upon a new crop year in better condition than for many years.

REFLECTIONS AND SUGGESTIONS FOR THE WINTER.

The crops of 1893 are about all harvested. The next thing to which every farmer should turn his attention to is the crop for 1894. The earliest date fixed for the opening of the millennium is about six years off yet, and it may be that after the millennium begins there will be a necessity for food and clothing, and that the farmers' services will be required all during that term and up to the period fixed for the final consummation of all things. Therefore prudent farmers will commence right away to prepare for another crop. In order that the best success may be attained it is important to begin right and continue right through all the operations of the year. If this cannot be absolutely attained then the nearest possible approach to it is the best that can be done, and is what ought to be done in every case. Farmers may be likened unto a field of horses entered for a race. Some seem like they can never get started; they fret and champ the bit and kick up a great deal of dust, but they are never near the wire when the starter's bell taps; and when finally a start is made, they are away behind, and are distanced the first heat. Others get a bad start, but dash off like forty furies, and before the home stretch is reached they are fagged out, and get home too late for anything but their regular ration of oats and hay. Some are at the scratch every time, and when the start is made they take the lead all the way round, and win the stakes. The farmer who overcomes himself, is like a quarter-horse entered in a mile-heat race. He has undertaken more than he can accomplish. Some farmers are fickle; they determine to do one thing, but become discouraged, quit, and make a new departure. They are like the badly trained racer who thinks there is better ground outside, and flies the track, and if they ever get home at all, it is too late for supper. The writer was authoritatively informed in early life that the only way to do a full week's work was to rise very early Monday morning and go to work, and stick to it until sundown Saturday. This may be one extreme of the industrial theory; the other extreme is represented by the man who enforced the above precept. His custom was to idle away the time until after dinner Saturday, and then fly around like mad and do his entire week's work between that time and sunset. We have all heard the proverb, invented by some lazy vagabond, that "a bad beginning makes a good ending," and there seem to be some of his disciples still with us, but thanks to human mortality, their names are seldom and their numbers few, and we are glad of it.

We will now drop metaphor and say a few words which we wish our readers to construe literally. An ordinarily intelligent farmer will learn much from his own experience, but it requires nearly a lifetime to do it. Now if that farmer had before him the experiences of a great many farmers for a great many years to add to his own, how greatly it would facilitate his operations; he could begin almost where he left off in the first supposition. The only real use the world has for an agricultural paper is to accomplish the end here outlined—to furnish a perennial fountain from which the farmer may draw the accumulated knowledge of his fellows in abundance. There are in Texas alone several thousand farmers who take and read TEXAS FARM AND RANCH, who are capable of contributing to its columns experience which would greatly benefit many. None but fools are too wise to learn. We want to publish during these winter months a great many articles on seasonal farm topics from our best farmers. He is certainly a very poor specimen of farmer who does not know something that it would benefit other farmers to know. We want to make our paper more helpful to farmers than it has ever been, but we

cannot do it without the co-operation of our friends and the friends of agriculture. We hope we have made our meaning plain—at least in the latter part of this article. As our only object is to benefit farmers, we hope we will have the co-operation of a great many of them. Who will respond?

PRESS REFORM.

The women of the country, always foremost in every good word and work, beginning in California, are making a powerful effort to reform the press and improve its moral tone, by inducing the suppression of the mischievous sensational and prurient details of vice and crime, which now occupies so much of the space, especially of city dailies. Hercules is said to have cleaned out a stable in which 3000 oxen had been confined for thirty years. The women have undertaken a bigger job than that, and if they succeed—or even partially succeed—they will have accomplished more for the good of mankind than all the gods and demigods of heathen mythology; yea, more than all the well-intentioned lords of creation could ever accomplish. TEXAS FARM AND RANCH heartily endorses this movement, and hopes to see it spread powerfully all over the country. TEXAS FARM AND RANCH would also endorse any movement that offers hope of success in this direction, and in doing so does not find it necessary to make any departure from its previous opinions or practice. The San Francisco Call, which heartily endorses this movement, publishes the opinions of a number of California divines thereon, from which we make a few brief extracts:

Rev. Horatio Stebbins says: "I have read the petition of the ladies to the press. It is respectful, honorable to themselves and just to the press. It does not meddle with newspaper management nor pretend to understand a business in which it is not versed. It simply asks that the minute details of vice, crime and brutality shall be curtailed. I do not read those details myself, but a man of intelligence and great accuracy of observation says that out of 870 inches of reading matter 384 inches, or about 45 per cent of the whole, is devoted to vice and crime. Now I think a respectful request that the dimensions of this kind of matter should be reduced is timely, honorable and worthy of the regard of an honorable and high minded journalist."

Rev. George Montgomery, chancellor of the archdiocese of San Francisco, observed: "I think there should be nothing in the daily papers, either in matter or manner, which the father and the mother of a family would not be willing to sit down and talk about before their children. That is, if the papers be read by the family. Of course, if there is to be one edition for the people who want dirt, and a decent edition for the people who do not want dirt; why then the subscribers had better know what edition they are buying. Speaking of dirt the tendency seems to me to spread it over as much space as possible, to use words which, if not absolutely improper, border very closely on the improper."

Rev. Jacob Voorsanger: "The papers are so filled with what is filthy and degrading that there is not room left for what is noble and philanthropic. Just look! Two columns given to a dog fight and five lines to George Cable. We ourselves have a family of young children, all of them great readers. I am afraid to question them upon what they may have learned from the daily papers."

Rev. Hobart Chetwoods, a prominent Episcopalian clergyman and editor of the Pacific Churchman, observed: "This is a most crying evil. Details of crime are published that only have the effect of spreading the evil through the reading of its working. I think the respectable portion of the community should weigh more than the vicious and degraded—the only ones who want that kind of reading. Even if this agitation does not succeed in thoroughly cleansing our press, a good stirring up now and then tends to keep the matter to the fore and is likely to be a gain in progress in the long run."

Rev. John Hemphill, Presbyterian pastor, says: "If the public wanted cleaner news all the papers would give it to them, but they relish the disgustingly salacious dishes that have to be hidden away from the children's eyes."

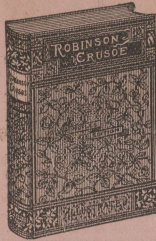
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TEXAS FARM AND RANCH, Dallas, Texas.



This is a complete outfit for fishermen, and is comprised of:
One 10-foot, 3-piece brass mounted Rod,
One patent Reel and 1 line Guide,
Thirty feet of good Line.
All put up in a neat box and sent by express or mail for 25c., or given for one new annual subscriber.
We have these outfits in any quality wanted, from this No. 1 at 25 cents, up to a very fine outfit worth \$12. We send them at the manufacturer's price. If you want a better one, state what amount you wish to pay, and we will send one which will please you. Add 15c. for postage.

Address TEXAS FARM AND RANCH, Dallas, Texas.

Cousins' League.

Address all letters relative to this department to UNCLE MIKE, Secretary, Hammonton, N. J.

BUSY LEAGUE CORRESPONDENTS.

My papa takes TEXAS FARM AND RANCH and we all like it ever so much. I live in the country, six miles west of Henrietta, the county site of Clay county. I am 12 years of age, and have blue eyes, black hair and fair complexion. I have two pets—a cat and a colt. The colt's mamma would not own it, so I raised it a pet. His name is Mike. He followed me to church one Sunday. I can milk, churn, cook, wash dishes, make up beds, sweep floors, and do most any kind of housework. We have a cat named Emma. Hurrah for the League.—ANNIE CARMICHAEL, Henrietta, Texas.

[Most excellent names for the colt and cat. Uncle Mike seems proud of his namesake, for he loves horses. It must have been funny to see the colt following you to church.—AUNT EMMA.]

I am a farmer's girl. I am 14 years old. I have a sister and a brother older than I am, and a sister and three brothers younger. We have 12 little turkeys, 8 little ducks, and 8 little pigs. My father is a bee-keeper, and can do carpenter work. We milk three cows, and I do most of the milking. I can do most any kind of work.—MAGGIE EVANS, Gober, Texas.

[With your turkeys and ducks and pigs and bees and cows, Maggie, you must be having full and plenty. Truly, you are "with milk and honey blest."—AUNT EMMA.]

I am a little girl, 14 years old, have red hair, blue eyes, and a tolerably fair complexion. I am 5 feet and 3 inches high, and weigh 105 pounds. I have no pets, except my little sister; she is three years old, and is the sweetest child I know of. I can cook, wash dishes, wash clothes, sweep and make beds. I can make light bread and bake it myself. My sister takes TEXAS FARM AND RANCH, and I like to read the cousins' letters. Mamma has gone visiting.—M. M. B., Iowa Park, Texas.

[Your letter is very interesting and shows it comes from a smart girl, but why did you not give us your name? I do not like initials.—AUNT EMMA.]

I am 12 years of age, and like to read the cousins' letters. I have no pets except a chicken and a colt. Papa takes TEXAS FARM AND RANCH and likes it very well. I can pick 150 pounds of cotton in a day. I have two brothers and two sisters.—MILLARD MORRIS, Alvarado, Texas.

[Well, Millard, you are just as smart as any of Aunt Emma's girls, and you are just as welcome to the League as they are.—UNCLE MIKE.]

Papa takes TEXAS FARM AND RANCH and likes it very well. Aunt Emma, are you afraid of storms? Papa just finished making us a storm house. I have no pets except some little turkeys and lots of little chickens. I can wash dishes and feed chickens for mamma. I was only six years old last September. My mamma wrote this letter for me.—NELLIE MORRIS, Alvarado, Texas.

[Oh, yes, Nellie, I am afraid of storms. I would love to see your storm house. It would be a novel sight for me. How kind in mamma to write the letter for you.—AUNT EMMA.]

[Glad to see you come again, Ethel, you are very industrious, indeed.—AUNT EMMA.]

I give three raps and the permanent password, friendship, and wish to be admitted to the Cousins' League. I am a farmer's boy, 13 years old. This is my first experience on the farm. I like it very well. I have done a little of all the different kinds of work on the farm, but think I like "felling out" and going to dinner better than any part of it. I have a pony named Billie, and a dog named Fido. She caught, since January 1st, 23 rabbits, 8 skunks, 3 squirrels, and 1 opossum.—WILLIE BENTON, Bowie, Texas.

Come in, Willie. I hope the honest toll on the farm will make those hands hard, and give that face a healthy color.—UNCLE MIKE.]

I live with my sister. My papa and mamma live in the Indian Territory. I am 15 years old, and can do any kind of housework, milk, churn, cook, make up beds, wash dishes, and piece quilts. I have no pets but my sister's baby. It is just learning to walk, and you know it is sweet. I have three brothers and one sister. My brother takes TEXAS FARM AND RANCH, and thinks it is a good paper. I

enjoy reading the cousins' letters. I always turn to them first.—EMILY KNIGHT, Cleburne, Texas.

[What better pet could you wish, Emily, than your sister's baby. I know it must be sweet.—AUNT EMMA.]

I am another Texas boy that would like to join your industrious band, only I am not very industrious. I would rather not tell my age; am a farmer's boy, and a farmer. I am particularly interested in the old bachelor's letters, and wish they would come oftener. I can hardly be called a bachelor, yet I expect to be one of that kind some day, and would like all the advice I can get. How is it the girls usually have the most letters? There are more boys in Texas than girls; the same may be said of all the Western States. Besides, it has always been said that the boys are the smartest, but the girls have the advantage of us on good looks, for they are all pretty.—WALTER LOWRY, Bryan, Texas.

[Well, how is that, Walter? If there are more boys than girls in Texas, how does it happen that so few boys write? I think the TEXAS FARM AND RANCH family must be nearly all girls.—UNCLE MIKE.]

Papa takes TEXAS FARM AND RANCH, and I read the cousins' letters. I am 10 years old and weigh 100 pounds. My mother is dead. Papa and I keep house. I have one little sister four years old, and a little brother six years old. I have piece one quilt, and want to piece another soon.—EUNICE WILLIAMS, Wolfe city, Texas.

[How nice it is, Eunice, that you are able to keep house for papa. He certainly must appreciate your labors.—AUNT EMMA.]

I am a little girl, 8 years old. I have been reading the cousins' nice letters. I have three sisters, two older and one younger than myself. My baby sister is the dearest little girl in all the world; her name is B-r-tha. We have happy times playing with our dolls. We have six dolls apiece. I can play the accordion. I would love very much to have an organ. We have a little colt and six little calves.—MAY HATCHER, Bonham, Texas.

[You must have fun with all those dolls, May. I would love to hear you play on the accordion.—AUNT EMMA.]

REPRESENTATIVE MADDOX.

The Well Known and Popular Tarrant County Representative Interviewed.

The Hon. T. B. Maddox was run down yesterday by a reporter, and was asked to give his views on the political and financial question.

"Well," replied the polite and polished member from Tarrant, "I have been trying to keep pace with what was going on in Congress, but things have got into such a shape that I have about given it up, but as you asked me the news I can tell you something that has just happened to me that is a great deal more interesting to me than the silver question and may be to some others."

"What is it?" queried the scribe, scenting news.

"I have just left the office of the Balmy Columbian Oil Remedy where I have been undergoing treatment for the past seven weeks for cancer and to-day the doctors told me I could go hence without day as I was cured and that they could do no more for me."

"That is certainly something to rejoice at," observed the reporter. "Where was your cancer located, Mr. Maddox?"

"On the left clavicle or collar bone, and for a long time back it gave me great pain and uneasiness, and heaving of some of the cures made by Drs. Boyd and Barry, I consulted them and was under their treatment for seven weeks, and to-day I was told by them that I was cured."

"And you are satisfied that you are?"

"Yes," as certain of that as I can be of anything in future. I feel better, my mind is easy and I have no fear of the return of the malady."

"These doctors seem to be doing some good work in our midst."

"Yes, sir; and they should be encouraged and held up by all good citizens. They are all gentlemen of honesty and fair dealing, and I hope will meet with the patronage they deserve, and I cordially recommend them to the public and anyone afflicted as I was I would advise them to consult the Balmy Columbian Oil Remedy without delay."

Mr. T. B. Maddox is well known throughout the state as a safe, conservative and reliable gentleman, who never says anything he does not mean, and such words coming from him mean just what they say. Anyone desiring to obtain further information from him can address him at Fort Worth, Texas.

Is Your Wife a Slave?

Perhaps you have been so busy with your cotton, your corn (or corns), your stock and your bees that you have not given this matter any thought.

WELL, SHE IS.

Unless you have looked after her pleasures, seen that she is not over-worked, provided her with such modern implements as are within your reach, as necessary for the successful conduct of her department as the latest pattern of plow or harrow is in yours. When you asked her to marry you, didn't you swear that she was to be a partner in all your successes and pleasures as well as your crosses and sorrows? She was to be your equal partner, and you was not to be a master. It should be your pleasure to see the roses come back to her cheeks, to rid her of that tired feeling, as it is your duty to.

RELEASE HER FROM BONDAGE.

One of the first and most essential steps toward this end is to provide her with a first-class, reliable, modern sewing machine, but there is no necessity for you to believe any of the stories put out by sharp sewing machine agents about the inferiority of "other makes" or the superiority of theirs, and then pay \$20 to \$25 for a machine no better in any respect than you can get from us for \$21. You get a machine straight from the factory at wholesale price, with a TEN YEARS' guaranty and the privilege of returning it if after twenty days trial it is not satisfactory.



The "Columbian"

Is a Strictly High Grade Sewing Machine

With all Modern Improvements.

Superb Mechanism, Graceful Design, Light Running and Noiseless.

In fact all the desirable features contained in other well known modern style sewing machines are found in the "Columbian." Improved and simplified by the best mechanical talent until it stands the peer of all other sewing machines in any market.

\$15 WORTH. There are some who are not able or willing to pay for a real first-class machine on hand, but order them from the factory to accommodate our readers. We can send a cheaper machine for \$15, with the same TEN YEARS' GUARANTY. We won't send out a machine which is not warranted. In other cases, whether you take the "Columbian" at \$21, or the Singer Style at \$15, if you live anywhere in the United States, east of the Rockies.

WE PAY THE FREIGHT

from the factory to your nearest railroad station.

(Two six months subscriptions, at 50c each, count as one annual subscription on a club list.)

The money must accompany the order in all cases. We do not keep machines on hand, but order them from the factory to accommodate our readers.

EACH MACHINE IS FURNISHED WITH THE FOLLOWING ATTACHMENTS:

- | | | |
|----------------------------------|------------------|-----------------------------|
| 1 FOOT HEMMER. | 1 WRENCH. | 1 GAUGE. |
| 1 FOOT RUFFLER. | 1 THREAD CUTTER. | 1 GAUGE SCREW. |
| 1 TUCKER. | 1 BINDER. | 1 OIL CAN, filled with oil. |
| 1 PACKAGE OF NEEDLES. | 5 BOBBINS. | 1 INSTRUCTION BOOK. |
| 6 HEMMERS, all different widths. | 1 SCREW DRIVER. | |

The driving wheel on this machine is admitted to be the simplest, easiest running and most convenient of any. The machine is self-threading, has the very best tension, and is made of the best materials, with the wearing parts hardened, and is finished in a superior style. It has veneered cover, drop-leaf table, four end drawers and cast-iron drawer, and finished in oak or walnut woodwork. The rich nickel-plated trimmings harmonize with the general handsome appearance of this machine. Remember the "Columbian" is the only sewing machine in the world offered for present purposes, under the manufacturers' TEN-YEAR WARRANTY, and the only machine shipped on trial with money refunded if from any cause returned.

We buy these really fine machines for cash at a price which enables us to offer them to the readers of Texas Farm and Ranch at the bottom price. There are many other machines offered for a low price, but they do not compare with the "Columbian." If you want one of the cheap ones, try our \$15 machine; it is the equal of any of them. You want the best, and you get it only in the "Columbian" machine.

If there is anything more you want to know about these machines, write us and we will send you illustrated circulars.

\$21 Pays for the "Columbian" Machine, freight paid, and Texas Farm and Ranch one year.

The Columbian Machine will be given as a premium for 50 subscribers to Texas Farm and Ranch at \$1 each. Address all letters to

TEXAS FARM AND RANCH, Dallas, Texas.

TEXAS FARM AND RANCH

Vol. XII.--No. 46.

DALLAS, TEXAS, NOVEMBER 18, 1893.

WEEKLY \$1.00 a YEAR.
6c. a COPY.



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TRUTH LIES BETWEEN EXTREMES.

R. R. Clarridge, in Texas Live Stock Journal.

American producers should study economic questions independently of politics. I have kept close watch for many years, and am very sure it is next to impossible to get at the truth regarding these questions if we view them through partisan spectacles. As an illustration, the ultra protectionists tell us that a tariff is never a tax, while the ultra free trader is equally sure that it is always a tax. As a matter of fact, they are both wrong. On things that are produced abroad cheaper than in this country, the tariff is a tax, while on things, such as cotton goods that have been so cheapened by domestic competition, that the retail price in this country is about the same as the duty upon them, the tariff evidently does not operate as a tax. The trouble is that the political ranters that go up and down the country, suck themselves

full of wind and escape hard, give but one side, and that is their side, and about ten times out of ten, they do not give their own side right. What we need is more contrariness in politics. I want to see the people so condemned contrary that nobody shall be big enough to keep them under "close herd." Understand what I mean?

Down with bossism in religion, politics, business, and everything else. Why, even in the cattle business, there is bossism, though not so much as there used to be. It used to be that a few Texas cattle kings said what should go, and it went. And some of the craziest breaks that were ever made in the cattle business, had these fellows at the bottom of them. They meant well for the most part, but just simply didn't know enough, and being bosses, made a mess of it. I could give some specifications that would make you hold your breath, but what's the use? Some of them are "busted," some have gone to raising

sorghum for feed, and set the cowboys to digging post holes. They have come to believe in the "cow business on paper." They are all good fellows, many of them my friends, and I only mention them in their one-time capacity of bosses, to give me a chance to say that they hurt the cattle business in many ways, and the bad effects of their influence is still felt. Yes, bossism is a bad thing on general principles, and should be slugged by the people wherever it shows its head.

Nebraska Farmer: No neighborhood was ever known to jump into the creamery methods of dairying in a day. It is a thing that requires time. If you ever hope to see a creamery successfully and lastingly established in your midst, it would be well to take time by the forelock and investigate a little. Inform yourself upon all possible phases of the subject, study the situation as you find it before you in your

own special case, agitate the matter among your neighbors, set them to thinking, and if there is anything in such a move for your community, it will develop itself in good time. When it comes, it will come to stay, because planted on a sound footing. It will not then involve the community in a big loss, and give a few years set-back to a legitimate industry that is calculated to help every man, woman and child with which it comes in contact.

Danison Herald: At the World's Fair Prof. T. V. Munson was awarded first medal and diploma on his exhibit of botanical specimens of American grapes with numerous fine hybrids. The entire exhibit, costing \$1000, was presented to the Department of Agriculture.

Texas Rangers arrested two men of Sells and Rentfrow's circus, at Abilene, last Saturday, on a charge of burglary.

Household.

Address all letters for this department to Mrs. S. E. Buchanan, Dallas, Texas.

BEYOND.

Elia Wheeler, in Christian at Work.

It seemeth such a little way to me
Across to that strange country, the beyond;
And yet not strange—for it has grown to be
The home of those of whom I am so fond;
They make it seem familiar and most dear,
As journeying friends bring distant countries near.

So close it lies, that, when my sight is clear,
I think I see the gleaming strand;
I know I feel that those who've gone from here
Come near enough to touch my hand.
I often think, but for our velled eyes,
We should find heaven right 'round about us lies.

I cannot make it seem a day to dread
When I am on this dear earth I shall journey out
To that still dearer country of the dead,
And join the lost ones so long dreamed about.
I love this world; yet shall I love to go
And meet the friends who wait for me, I know.

I never stand about a bier and see
The seal of death set on some well-loved face,
But that I think, "One more to welcome me
When I shall cross the intervening space
Between this land and that one over there,
One more to make the strange beyond seem fair."

And so to me there is no thing to leath,
And so the grave is as it is a victory.
It is but crossing, with bated breath
And white, set face, a little strip of sea;
To find the loved ones waiting on the shore,
More beautiful, more precious than before.

EDITORIAL CHAT.

Once again has Allie Lyndsay Lynch gladdened us with her presence, after a long absence, in which she has not been forgotten, for many of the Household have asked, "What has become of Allie Lyndsay Lynch?" or "We miss Allie Lyndsay Lynch." It is pleasant always to be remembered. What a delightful time you have been having. We are so glad that some of our Household were so situated that they could enjoy the World's Fair. We were among the number who could not go, but the old adage, "Misery loves company," was comfort to us. We should have rejoiced had we been among the minority rather than the majority. We join Mrs. Allie in the regret that we could not meet Maud Meredith, and thus shared the pleasant hours passed with her.

Dear Hester Klrke, your query is another proof that there does exist some subtle influence which in some unknown way, acts upon kindred minds though far away. As we mentioned last week, we had been thinking a good deal of Patsy Shamburger, and sitting at the supper table we remarked, "I wonder why I never hear from Patsy Shamburger these days, she has deserted me entirely." Said my husband, "You had a card from her to-day." "No, that was a card from Mrs. Sherman." "Indeed, it was signed Patsy Shamburger." And upon inquiry it came forth like an answer to my question, so when I read Hester Klrke's inquiry, "Do any of you believe in mental telegraphy?" I felt I must answer in the affirmative. So often when our minds have been entirely engaged upon some person, or, perhaps, some subject of especial interest, the person will come to us, or we will hear direct from them, or, if it is a subject we are studying, we will find someone else pondering the same theme, and perhaps they will mention it when it is uppermost in our minds. It is something which we are not psychologists enough to even try to explain. Think like Lord Dunsore, "It's one of these things no man can understand." Yet it exists, as most of us have had abundant proof. We must all help in a selection of a name for that new home. For ourselves, we haven't found anything yet which we are willing to suggest. That is good advice to Wandering Bachelor. Who knows but that had he come to the Fair, already some fair one would have been caught in his heart as the "one altogether lovely" and let us whisper to the Imaginary one, we believe you would have been a fortunate girl.

Dear friends who have been absent so long—many of you—how we wish you would come back. So many well-remembered names come at the bidding of our memory, which were always welcomed. Can you not find time to write to us once in a while? Stollie, thanks for that kind invitation, which we could not accept. The kindness is as highly appreciated as if we had enjoyed your hospitality. I hoped to hear that you were much improved in health, and sincerely hope that after the fatigue of the Fair is over, and things have settled down to a normal state (domestically) that you will be stronger. Must not forget the Household when you are.

You are most welcome, Zurma, and we thank you for your kind words, and we are glad to know that we are associated

in the dear mother's minds with pleasant memories of other days. We hope you will not fail to write us again, and often, other charming letters.

AUTUMN DAYS.

Going to and from the city—for we live in one of the many suburbs surrounding the city, which, like our capital, may be called a "city of magnificent distances"—we are charmed with the varying landscape, which, owing to the late warm fall, has donated its real autumn tints. Dame Nature has had abundant time to paint her robe with gorgeous shades of red, and gold, and brown, which contrast beautifully with the dark green cedars growing in clumps and in single specimens all along the way. In the distance, on the hills, beyond the river, on whose heights stand cozy farm houses and fields now bare, seeming so quiet and peaceful, enveloped in the dreamy, languorous haze of the October atmosphere. A little nearer, close enough to distinguish their separate growths, is the long line of magnificent forest trees, which define the course of the Trinity river—oaks, elms, pecans, and tall plumming willows mingle their foliage, forming an undulating wall of many colors and forms. Nearer still, and straggling along toward the city, are many small cabins inhabited by darkies, who find in them most delightful abiding places, since they can enjoy the privileges of both country and city life. Potato patches and flower beds are convenient, and at night the Trinity bottom echoes to the music of "possum dogs and the exultant shout of the eager hunter urging them on the trail. Across the river Oak Cliff comes into view, spread out over the hills like a picture, more beautiful though in the haze, in the light and shadows of the pale sunshine than any picture ever painted by man. How can we ever complain of the monotony of life, or the irksomeness of its prosaic duties, when we have this beautiful world of ours all ways on exhibition, and free to our gaze? And how delightful and comforting it is to live close to Nature's heart. Sometimes when we are oppressed by cumbering cares, or realize that we are dropping into such a narrow groove, binding our minds in such a narrow, shallow channel, when the daily household duties begin to occupy our whole minds as well as our hands, what a blessed relief it is to throw everything aside and live for a little while in this beautiful other world, which lies so near us, and is often so little appreciated. For ourself, we may say there has never been a grief so deep, an annoyance so bitter, or a time so busy when our heart did not respond to the charm of a beautiful landscape, when the silent influences of nature were not more potent to comfort, soothe and bless than any other earthly influence. Let us then seek peace and pleasure in studying nature in her myriad forms and phases, all of which correspond to some state of the human mind. The storms, the sunny, quiet days, darkness and light are each a type of the varying moods and conditions of our lives.

AN INTERESTING LETTER.

ZURMA.

Dear Mrs. Buchanan: My desire to become a member of the Household has overcome my timidity and I will consider it a great honor if I am so fortunate as to be admitted to a circle where we have such a true and noble woman as editress, and the members consists of the most refined and sensible of women, cultured and considerate men. We have been taking TEXAS FARM AND RANCH for a long while, and take many papers, but the Household has become more interesting to me than any. Mrs. Buchanan, mother says she can't help associating you with her friends of the past and you carry her thoughts back to dear old South Carolina.

Until recently I have never seen a letter from Granbury. Would like the members to know more of this place. At present every one is interested in the grand and good revivals. A very large number have been converted. I suppose Hood county, according to its size, has better educational advantages than most counties. I live within hearing distance of Add-Ran Christian University bell as it peals forth every day; also the M. E. College which we are so proud of, and then Granbury has a splendid graded school. The latter has a handsome frame building, but the colleges, our court house and all public buildings are built of stone, of which this county affords quite an abundance—quantities of it is shipped from here.

We were visited by the drouth this year, as so many others were, but "hard times" are getting so common we will have to make the best of it and hope and live.

Ray Richmond, I found your letter very interesting, for I am a great believer in economy. Never saw the word "economy" so accurately defined as in Mrs. R. P.

Cochran's letter some time ago. What a word of meaning in that one word!

Please pardon me, Wandering Bachelor, but I hope you are just a little severer on your sex. Though a young girl, I have many friends whom I respect, and have never had cause to lose confidence in any one. You have expressed my sentiments on many other topics. Let me say that I appreciate the "suggestions" in your last letter, for the most pleasant hours I have ever spent were in helping others who needed it. We need not wait for some grand opportunity to come either. It is the doing of "little things" that I derive the most pleasure from.

Until now the subjects which have been open for discussion were of a nature to either need advice or experience, and I felt my inability. Now, one theme: what shall we read? I feel like expressing my taste, not that I'm a book-worm; far from it, and much nearer a housekeeper. Geo. B. Jones' letter on evil effects of novel reading was splendid. I agree with him, and again I think Sunshine's selection of books quite good; could add a few more authors that I am partial to. It is delightful to read a good book occasionally, rests one and changes the monotony of all work or other amusements. As to periodicals, I don't believe I could hardly get along without the Ladies' Home Journal, Delineator and TEXAS FARM AND RANCH.

It would be delightful for members of the Household to meet one day during the State Fair, as has been suggested, would be such a pleasure to know the writers personally.

But I must desist; please pardon the length of this letter.
Granbury, Texas.

FROM THE OLEANDER CITY.

HESTER KIRKE.

Dear friends of the Household: Yes, friends, for we are not such, though some of us have never met? What a success Mrs. Buchanan has made of the Household, when we look so anxiously each week for some charming member of our circle.

D. any of you believe in mental telegraphy? I am a telegraphist, yet why does one think so often of some particular thing and something bearing on the subject soon occurs? I don't know that my name is ever mentioned by any of you, but I do know that by me many of you are embodied as my particular imagination would have you, as gleaned from your different letters.

The curse of the world is selfishness, its opposite is self-sacrifice and the remembrance of others. Nellie R. Jones exemplified the latter trait when she wrote of the World's Fair for the benefit of us mothers who could not attend. I feel as if I knew the writer mentioned, because her sister went to school to me in Dallas when I was a girl. It seemed so far then to be away from my old home in Miss. Ar. A visit there this summer was much enjoyed by me and "Tippotee" and "Pittypat" and little "Peek-aboo," who was a stranger to the grand-parents. What good times I had with my childhood friends; we all grew young again with our children. I talk as if I were very old, don't I, Mrs. Buchanan?

I want the members of the Household to come to my aid about naming a home. It has always been a hobby with me that a homestead had better be called "The Maples," "Idlesse," etc., than Smith's or Brown's, even if the home be a very humble one. But I have had the honor given me of christening a town house, built of stone and slate, and situated in only one-half block of ground, with nothing distinctive for a name, only as aided by art. Will some one suggest something?

Wandering Bachelor should meet some of our attractive Household girls and cease his wanderings, like a star out of its orbit. I think he would make a good, practical husband without losing all his sentimentality, for women do like sentiment, and there is no mistake about it. A little of it mixed with the monotony of a woman's life will do more to keep off wrinkles than all the unguents and powders advertised in the daily papers.

And ladies, our dear husbands are not beyond words of praise. I remember once telling a certain somebody (who is now so far from me in a boat, that he can't see what I am doing) that he looked so well in his dark navy blue suit; I continued to remark that it made him look fairer, etc. He never said much, but blue suits followed blue suits; then came a blue overcoat, blue neckties succeeded blue neckties, until I had to call a halt for fear man's vanity might be misinterpreted and his friends might think him doomed to wear the same clothes forever.

I extend all TEXAS FARM AND RANCH readers an invitation to visit our pretty Oleander City from the 15th to the 18th of November at the opening of the wonder-

ful wagon bridge which extends across the bay, which is two miles wide. I will be real glad to see wood and cotton brought in by wagon, the boats have had a monopoly for too many years.

I am only five blocks from the grand old gulf; any time of the day I can see the white-capped waves beating restlessly upon the beach. The ocean is a theme on which I feel an inspiration to talk too much so I'll stop for fear my readers will cry, "enough! enough!"
Galveston, Texas.

HOME AGAIN.

ALLIE LYNDSEY LYNCH.

Sisters, greeting! Hear I am, dear Mrs. Vanderhoff, home once more. After five months visiting, and more than four months of the time passed in Chicago, I am again in "Our Haven," at Memphis. I have been home just two weeks. I found so much work awaiting me, and I found the good husband glad to welcome me home. During my stay in the "Windy City," he had passed a few days seeing the greatest of all fairs—and me. I must tell you what else I found at home: A three-foot square stand, piled as high as papers would lay on, with the many periodicals that had come to my address during my absence. I have devoted some hours to reading, sorting and culling them over, and to-day I came across my friend, Mrs. Vanderhoff's inquiry for me, her wish to know where I was, and her kind assurance that I was "missed so much."

Then and there I said: "I'll snatch a half hour and pen a few lines to explain, and give kind greetings." You have had "White City" letters, and many have viewed the World's Fair, so I shall only say one word regarding that wonder of the 19th century, the word that covers it fully, immense!

But I am going to tell you of one favorite sister I met, Maude Meredith. I think I have told you of our seven years' correspondence, and the closest of love thus called forth, but this was our first face to face greeting. Maude came with her family, stopped on the South Side, and did the fair thoroughly, then sent the "papa and Georgie's" home, keeping her little son, and coming to the West Side, (where I was rooming), she and I visited daily for nearly two weeks.

What glorious days we passed in that charming little Union Park! What golden memories we cherish of those chats, and the little green, cool, flower embowered park! We had been fond of each other, but during those days we grew into each other's souls, until no other woman-friend is to us what each is to the other. Maude is a noble woman, whom I wish you all had met—you'd be sure to love her even more than you have loved her writings.

I wanted to meet our sensible Clara Everts, but did not. I wrote her a note, giving my locality, but received no response or call. Her home, when I had last received a letter, had been some twenty miles from the central part of the city. I wanted to meet Dorothy Dean also, but my last letter had brought me no reply, and I knew not where to find her. Though I did not meet many of the Home and Household bands of sisters, I met many warm friends, won by my pen, often in other fields of labor; and this to me was a source of great encouragement.

What did I do? I visited, attended the fair, took a course of medical lectures, and heard many other fine lectures at the different conventions and society halls. I was seeking knowledge, growth. I cannot estimate the benefit derived from such sources; I do know memory will never cease to cherish the many pleasure-hours that were mine. My experiences were varied and vast. Each left its effect—of good, let me believe—upon my life.

I'd like to say, regarding friendship, that no one values a friend more than I, yet I know that former friends are lost to me, through no fault of theirs or mine; simply through the law of change that results from mind growth. Lines of thought take different channels, in brains; thus interest dies without hearts harboring hatred. That which interests me must also, to some extent, interest my friends, else we fall to find responsive pleasures in each other.

Duties call which I must attend.
Memphis, Tenn.

DON'T ENCOURAGE BLUES.

Philadelphia Times.

A woman may be as beautiful as Helen of Troy, and as alluring as the serpent of the Nile, yet if she be not cheerful she is altogether incapable of winning and keeping affection after it is won. This old world is on the lookout for all that is bright and gay. There is so much of sorrow lurking in every corner that we want to turn our backs upon it whenever we can; therefore, a woman to be appreciated in home and social life must be like a ray of sunshine rather than a cloud, no

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"Wall, she had her skirts all on when I went in, all a foam'n' and a shinin', down onto the carpet, a glitterin' pile of pink satin and white lace and posays. Gorgous enough for a princess." "At last Miss Flamin spoke and says she, as she kinder craned herself before the glass, "How do you like my dress?" "Oh!" says I, wantin' to make myself agreeable, "the skirts are beautiful, but I can't judge how the hull dress looks, you know, till you get your waist on." "My waist!" says she. "Yes," says I. "I have got it on," says she. "Where is it?" says I, a lookin' in her closer through my specks. "Where is the waist?" "Here," says she, a pucker to a pink belt ribbon, and a string of beads over each shoulder. Says I, "Miss Flamin, do you call that a waist?" Says I, "Do you tell me, Miss Flamin, that you are goin' down into that crowd of promiscuous men and women, with nothin' but them strings on to cover you?" Says I, "Do you tell me that, and you a pefferer and a Christian?" "Yes," says she, "I paid \$300 for this dress, and it haint likely I am going to miss!"

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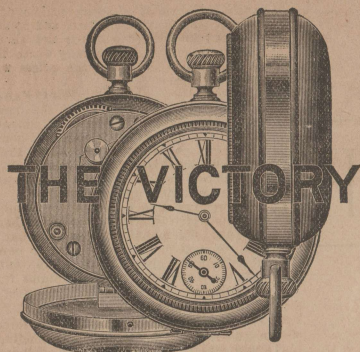
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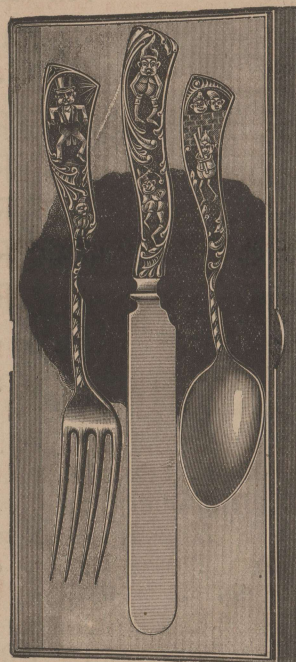
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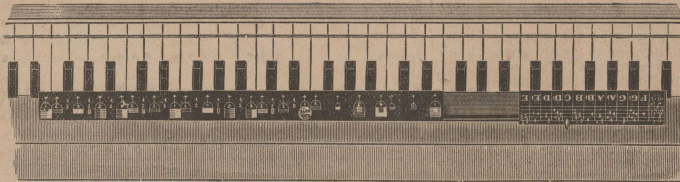
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Orchard and Garden.

Edited by DR. A. M. RAGLAND, Pilot Point, Denison County, Texas, to whom all communications for this department should be addressed.

NOTES AND COMMENTS.

The next series of papers on "Successful Orcharding," we begin in this issue of Orchard and Garden, with a timely paper on "Cultivation and Care of the Orchard," from the pen of our thoroughly competent friend and fellow-worker, J. S. Kerr, of Sherman.

Rabbits are capable of doing immense damage in an orchard of young trees, and this should not be neglected till it is too late; in other words, till they have taken the bark off some of your choicest trees. We have just finished applying the following wash to over 500 young trees two to three years old: Soft soap thinned to the consistency of buttermilk, one gallon; of coal tar, one pint; enough venetian red, dry, to thicken to the consistency of paint. Apply with an old paint brush from the collar to the first limb. Rabbits do not like the color, taste or smell of this compound, so do not trouble our trees.

November is here, and soon the chilly blasts of winter will be upon us, and work in the field and orchard will be suspended to a great extent, though there is still work, for all have gardens and orchards, between now and the holidays. A heavy mulching of strawy manure will be a good application for the strawberry patch; silted in between the rows it will afford protection by preventing the lifting of plants by the alternate freezing and thawing that sometimes does such serious mischief, and the fertilizing elements that pass slowly into the soil will afford food to the plants next spring when the season of fruitage comes.

The road problem has been in abeyance during the summer and fall, but will, with winter rains, become again an important question to everybody in city or town. George T. Angell, in "Our Dumb Animals," makes the following suggestions worthy of serious consideration: "It is as plain as that twice two makes four that all the laboring men in this country who are poor and cannot find work, must, with their families, be supported through the coming winter, either by the cities and towns where they reside or somebody."

"It is as plain as that twice two makes four that it is cheaper and better, both for the community and themselves, that these people should be supported at work than in idleness."

"Now, the Massachusetts Highway Commission report the loss from bad roads in Massachusetts alone over five millions of dollars per annum."

"Why not employ all these men who are willing to work, cannot find work in making our roads what they ought to be, and what they are over a large part of Great Britain and continental Europe?"

There will be hundreds of thousands of idle men during the winter that will eke out a living on charity or by hook or crook. Instead of feeding them in idleness it would pay our large cities and towns to give them employment on the public roads, which would be charity with a purpose.

The question of fertilizing the orchard is one of much importance to the fruit grower. An orchard of trees of bearing size and age makes heavy drafts upon the soil in producing a large crop, and most of our wide-awake orchardists are agreed that the use of fertilizers is necessary to get the best results; but the question as to the kind of manure to be used and the method of application gives rise to a diversity of opinion. The most notable results in fruit production of recent years have been when liberal fertilization has been practiced. Our own Stringfellow has led the way in production of mammoth pears by liberal use of cotton seed meal and other fertilizers. A. We will hear his own version of the matter in this discussion Mr. Hale, of rocky Connecticut, has made a remarkable record in peach production by large applications of commercial fertilizers. We think our readers will be able to gather a profitable lesson from reading what our friends have to say on this subject. Many people who grow fruit do not realize that cultivation, or the lack of it, makes and determines to a large degree the quality and size of the fruit they grow. An orchard is cultivated usually in some crop, while the trees are young. Corn, cotton, potatoes, etc., are usually grown. Of course it would be better for the trees if they were cultivated without any kind of crop to draw upon the soil's fertility, but as we cannot expect such a plan to be adopted, a question arises

as to what crops will do least injury to the young and growing trees. The experience of some of our most competent orchardists agree that only those crops that draw lightly upon the nitrogenous elements of the soil should be planted, such as cotton, sweet potatoes, field peas or beans. We have been planting in melons with satisfactory results. The crop of melons does not interfere with the trees to the least, and yield a profit of \$40 or \$50 per acre. Cotton has been planted more or less in orchards, but aside from the clean culture given it and the fact that most of the plant finally returns to the soil, it is not quite as satisfactory as the leguminous tribe of plants, such as peas, beans, etc. If one could be satisfied with a good crop of stock feed, these would fill the bill—of course we mean stock or cow peas. If sufficient space were always left next to the trees for cultivation and so that the crop grown would not encroach upon the plant food needed by the young trees, cotton, sweet potatoes or Irish potatoes might be grown without any serious harm to the trees. Not less than a breadth of eight or ten feet should be left to support the trees. When trees have grown so large that cultivated crops can no longer be grown with profit, we have found the sowing down with stock peas about the 1st of May a very good thing to keep down weeds and maintain the fertility of the soil, keeping it cool and moist during the later summer months.

CULTIVATION AND CARE OF ORCHARDS.

The following questions were addressed to some of the most experienced and practical fruit-growers of the state, and the answers that appear in this, and other issues of Texas Farm and Ranch to follow, will give the seeker after light all needed information, to enable any to understand what is best to do.

PILOT POINT, TEXAS, Nov. 9, 1898.

Dear Sir and Friend:—We desire to give the readers of Texas Farm and Ranch reliable information on the cultivation and care of an orchard. Your answers to the following questions will greatly aid us in supplying the needed information.

- 1st. Do you apply fertilizers to your orchard? If so, what kinds do you use, and what results do you get from them?
- 2nd. Do you prefer broadcast-casting the manure, or do you apply it close about trees?
- 3rd. Do you regard cultivation necessary to produce the best results in fruit growing? If so, what kind of culture do you give your trees?
- 4th. Are you troubled by insects, such as borers, caterpillars, codling-moths, cane-lice, etc., and what methods and remedies have you found most effective for their destruction?
- 5th. Have you any experience with the use of copper-salts, in the form of Bordeaux mixture, etc., in treating rot on the peach, apple, pear, etc. If so, are you encouraged to hope for success in preventing the serious damage heretofore sustained from these fungous diseases?
- 6th. What would you do for a blighting pear tree?

With the hope you may be able to spare time to answer these queries for the benefit of our readers.

I am yours truly,

A. M. RAGLAND,

Editor Orchard and Garden.

JNO. S. KERR.

1st. My orchard soil being rather heavy and close, a dark, sandy loam with heavy clay subsoil I find stable manure applied heavily broadcast, very beneficial, in producing lightness and friability of surface, and in increasing the vigor of the trees, as evidenced by growth of wood foliage and fruit. I get all the stable manure I want for the carting half a mile to one mile, or by paying 25 to 30 cents per two horse wagon load, delivered and scattered on the ground. Stable manure is the cheapest and most effective manure for my land I have ever tried. I put on twenty-five to seventy-five two-horse loads direct from the stables to the field, in fall or winter, and plow under at once, and have never had too much. This for other crops as well as orchards.

2nd. I find it best to cultivate orchards, by planting blackberries or raspberries between the rows. In a young orchard with rows twenty feet apart, put two rows seven feet apart midway, and cultivate well with double shovel, Planet Junior, or other cultivator, leaving surface moderately level. The berries will pay well for the culture from the second year on, and a profit besides. In a nine-year old apple orchard, which is now paying good dividends, I am removing the two rows of blackberries, and planting one row in the center, and expect them to pay by good rich culture, for some years yet. Plant the non-rusting blackberries, such as Early Harvest, Brunton, Wilson's Early, and Dallas. On heavy soils, I have found the black cap raspberries to retain the shade of the orchard well. They ripen at a time when they command fine prices in the market. My observation is that when we think an orchard able to take care of itself, with a few fancy cows or colts, for company, it will soon be a thing of the past. I have never tried seedling grass.

3rd. Answered in No. 1.

4th. I think our insect enemies are on the increase as our country grows older. Also, our facilities for their destruction are rapidly growing. The borers, when they get in, must be picked out, or killed with

knife and wire. Wood ashes piled about the tree in early spring, will help to keep the mother moth away, and prove otherwise beneficial, also refuse from gas factories; also the many soap washes, recommended in all fruit growing guides and many catalogues, are very beneficial. For caterpillars, if numerous, take a light step ladder early in the morning, when they are tented, and with the hands, take the tent and worms from the tree, and place on a pile of rubbish and burn. If only a few appear, I take them down and compress into a ball, and press them with my foot on the ground, whenever found, and find little trouble to master them.

The codling moth and the foliage eater, I destroy with Paris green and London purple. I use the Ercolator Knapsack Sprayer, and for small trees it is all right. The curculio, I have found hard to combat. The parties who advertise sprayers, send free, on application, a good work on insecticides, which I find very helpful. I have Wm. Stahl's.

5th. I can offer nothing of value yet on this point.

6th. I cut off the blighted parts, and burn them. The Keffler is blighting less and bearing more here than any other pear. I offer here a remedy given by an experienced farmer and fruit grower, which he says, not only prevents, but cures blight in his orchard, as follows: Bore a gimlet hole into the body of the tree, at an angle of 45 degrees downwards, and insert a piece of quicksilver, size of a No. 1 square nail, larger or smaller, owing to size of the tree, in spring, while sap is flowing upward. This remedy is given by Mr. Andrews, who lives six miles northwest from Palmer, Texas. I intend giving it a test.

Sherman, Texas.

A RAID UPON EXCHANGES.

American Gardening has been sailing in troubled waters lately. We are sorry to note the retirement of Prof. L. H. Bailey from the tripod. The Journal, we see, has new publishers, too, being issued now from the press of A. T. De La Mare Printing Company. The new cover is a beauty, but its contents will not please the orchardist as well as heretofore, but will suit the gardener and florist better. It is to be issued twice a month in future. We shall draw upon it for much that please our readers. We clip the following from the current issue:

HOW TO KEEP ROSES.

It is the business of the florist to sell flowers, not to keep them. But it is your wish to keep the flowers that you buy as long a time as possible. To the soulful woman who said to him with yearning in her voice, "Oh, why do summer roses fade," Artemus Ward replied: "Because it is their little biz. Let 'em fade." Winter roses as well as summer roses must fade some time, but it rests with you to keep their freshness for a day or a week. If their color, form and rich fragrance have any meaning for you, you want to keep them for a week rather than a day. It is as easy to keep some roses fresh for three days as one; as easy to keep others fresh for five or six days, or even longer. Much depends upon the pedigree of the flower, for many of the choicest have an illustrious ancestry. But no one depends on the care that they receive. It is not enough to put them in a pretty vase with water about their stems, in the hot air of a drawing room, tainted with the gases from lamps and furnace. Left to struggle with these surroundings, roses will soon begin to droop and wither.

ROSES AWAKE.

Roses need a cool, moist atmosphere. They droop and fade in the dry heat of the modern drawing room. It is not possible, perhaps, to adapt the air of your drawing-

room to the needs of your roses; but you can observe certain simple rules in regard to them which will make the hot room more endurable. In the first place, there are certain roses whose color is enhanced in beauty by light—not direct sunbeams, but the warm, rich light which comes through an unshaded window. Other roses fade and droop if exposed to the light. Exposure to the light will deepen the color of yellow roses, but it will bleach the red rose or the pink ones. The white roses are better for a good supply of light. Keep your red and pink roses in a shaded place; put the white and yellow ones near the window. It is a simple thing to remember, but it may mean a great deal to your flowers.

THE HYACINTH.

has long held precedence as a winter flowering bulb, and for this purpose the bulbs should be procured at once and potted in good soil, the character of which is by no means essential, as all the preparation for the flowers have been made in the growing of the bulb, and water alone will bring them out in a room of the proper temperature. We do not approve of growing the hyacinth in this way, but it can be done successfully; at the same time it requires more care and there are more chances of failure than when grown in soil. A single bulb in a five-inch pot or pint fruit can is the best arrangement. Let the top of the bulb be even with the surface of the soil, which should always be below the rim of the pot to allow for watering without running over. After potting, water thoroughly and then plunge in a cold frame and cover with several inches of coal ashes or newly fallen leaves to keep them dark and at the same time away from frost and where they can make root growth, as upon that almost wholly depends good spruces of bloom. Leave them there until the middle of December when they can be brought into the conservatory or window garden. At this time they will usually have made considerable growth and will require liberal watering and plenty of light; heat is not so essential, but it is better to have the temperature not too high, and as even as possible. For a succession of bloom bring in a few pots every two weeks, until the middle of February, after which they will no longer be required in the house, as those in the open border will be in flower early in May.

FRUIT TREES

Peaches, 60 varieties, new and old; pears, all kinds, immense stock; Plums, Japan and native; Satsuma Oranges, hardy and early; tested varieties Japan Persimmons; Grapes; Pecans; Walnuts; Chestnuts; Olives; Apricots; Figs; Mulberries; Pomegranates; Camphor trees; Texas Umbrella; Grevillea Robusta; Magnolia Grandiflora; Citrus Trifoliata; etc. Ten years' trade with the best of Texas, Louisiana and Iowa just what planters want. Same quality and conditions. These plants produce fine stock, upon which our reputation has been built. Prices reasonable. Catalogue free. Correspondence solicited. G. L. Taber, Glen St. Mary Nurseries, Glen St. Mary, Fla.

GULF STATES

30,000 PEACH TREES.

A full line of Nursery Stock at wholesale and retail. Price List sent free. C. E. STEPHENS, Iron Ore Nurseries, Denison, Texas.

THE DENISON NURSERY FORGING AHEAD.

A NEW ERA IN AMERICAN

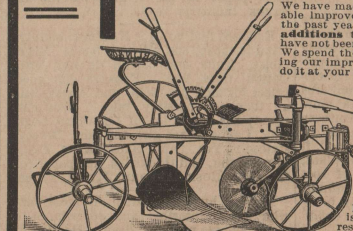
For Descriptive List GRAPES and General Fruit Catalogue

Address T. V. MUNNICH, DENISON, TEXAS.

THE TRICYCLE SULKY PLOW

We have made exhaustive tests of several valuable improvements on the TRICYCLE during the past year, and they prove to be valuable additions to the plow. These experiments have not been made at the farmer's expense. We spend thousands of dollars annually in testing our improvements, many makers of plows do it at your expense, detriment and loss. We are therefore able to place before our patrons goods of known reliability, and which are the best made and perfect work in Texas Black, Waxy Hog Wallow Land and Toyote is "in it," and is warranted as represented or money will be refunded.

We manufacture all kinds of Gang Plows, Disk Harrows, Steel Harrows, Stalk Cutters, Canton Clipper Plows, and are Sole Agents for the world-renowned Superior Grain Drills, Mowers, Hay Presses, Pitts Threshers, Wagon Scales, Sweep Rakes, Sorghum Mills and Elevators, Suggies, Carriages, Carts, Harness, Bains, Cooper and Oxen Wagons. Write us for your wants. PARLIN & CRENDORFF CO., Mfrs., DALLAS, TEX.



CORRESPONDENCE

ANOTHER GOOD COUNTRY.

HASKELL, TEXAS.
Editor Texas Farm and Ranch.

When we say Haskell is the best country that just expresses it, but outsiders would want to know the reasons. Well, her soil is nearly all the finest of tillable land; it is very fertile, and divided between prairie and timber, mostly mesquite. The surface is just rolling enough to drain, and not wash the soil away, and stretches out for miles and miles like a beautiful valley, without a break.

The native mesquite and buffalo grass have no superiors for grazing, and is especially adapted to raising good horses. The soil in the main is a deep loam, neither sticky nor yet too sandy; is the very kind to till, enabling the settler from the East to readily cultivate double his usual number of acres, and produces most all crops grown in Middle and North Texas, and is especially adapted to small grain and cotton.

The altitude is above the malarial belt, therefore one of the most common causes of disease being absent, good health is the rule the year round.

The moral standard is of the highest order. Schools are highly esteemed and well supported, as is evidenced by the fact that the state school fund is supplemented by special levies in localities largely throughout the county, giving a better school system than in many old counties.

The country is new and sparsely settled. Being away from railroads, and never having been advertised or boomed to any great extent, land is cheap.

I have not mentioned the fine roads which the nature of the country furnishes "ready made," so the road law and working is not a "thorn in the flesh," as in many other sections.

I have, in this short sketch, merely referred to a few of the facts as evidence that we are "in it." The grand possibilities of this country can scarcely be conceived, much less described in a short sketch.

T. J. WILBOURN.

A SUMMER AND WINTER FOOD FOR STOCK. THE WONDERFUL PEA.

INTERLACHEN, FLA.

Editor Texas Farm and Ranch:

The annual seed catalogues yearly present to their patrons some wonderful new departure in vegetable, plant, or flower, the seeds of which are obtainable only by their particular house, at from one to ten cents each, the possessor of which is on the road to agricultural success. Within a year or two not one in a hundred of these wonders are sought after or have a place in the catalogue.

It was with some feeling of doubt that we last year invested in the new "Wonderful (cow) Pea," and planted a few acres on the rolling high plain lands of Putnam county, Florida. We did not get a growth of vine 40 feet in length, nor a yield of 100-fold of seed, on unfertilized high plain land, but did get a growth 15 to 20 feet, and so remarkable a yield of peas that the claim to the name Wonderful was not, in our opinion, misplaced, and left little doubt in our minds that in a rich soil, a growth of 40 feet of vine was attained, and the product of 100-fold.

We tried the experiment of cutting a portion of the crop at or a little before blooming time to cure for fodder (horses and cows eating the same as readily as Northern Timothy hay) and found the new growth of vine from the stubble produced a crop of peas equal if not exceeding the vines that had not been cut. The vines also remain green until after the peas are harvested, and may still be used for fodder if it is not thought desirable to leave them on the ground as a fertilizer.

The yield of peas in bushels is much greater than that of corn on poor soils, and we are told by those who have used them that as a feed for work horses. A bushel of the peas are equal to one and one half bushels of corn.

Our neighbors' chickens and turkeys came from a mile distant to forage on the peas and will pick on the pods until every pea is shelled and eaten. For soiling, cattle and hogs, it ranks next to the red clover of the North, and a very small area will furnish repeated cuttings of more economical value than to let the Southern cow forage on the neighbor's premises.

As a gatherer of nitrogen for the soil, it has no superior in any leguminous plant, and from its enormous growth of root and vine, will fill the soil with humus that will restore worn out lands or bring into fertility naturally poor soils, conditioning them for alternate crops.

For an all the year round feed (summer green feed, and winter fodder and grain) the indications are that the Wonderful Pea on light sandy soils of the South has

come to stay, and makes possible an enjoyment by the Southern farmer of milk, pork, eggs and chickens in as great abundance as enjoyed by the Northern farmer, and the animal manures resulting from his keeping cattle and hogs by the growth of this new legume, the farm will be brought into a state of high fertility and wealth, and prosperity be a consequent result. Any new plant or vegetable that will have a tendency to bring about this result is worthy the attention of the Southern farmer. GEO. W. HASTINGS.

CASTOR BEANS.

FLOWER BLUE, TEXAS.

Editor Texas Farm and Ranch:

Will some of the readers of TEXAS FARM AND RANCH who have had experience in the cultivation of the castor bean, kindly give answer to the following queries:

1. Are there two or more varieties of the bean—those that crack or burst open; releasing the beans from the pod, and those that do not. Some I planted last year remained upon the stalk until winter, and could only be shelled out artificially while some of this year's raising crack open and the beans commence falling to the ground before the whole bunch matures. The prolonged dry weather may perhaps account for this, as I am informed that the rule in this coast country is for them not to shell out, as in the interior, and again I have been told that there are two varieties—those that burst open and those that do not, yet I could perceive no difference in the seed sown in this year and last with the different results described.

2. What is the best method of separating the seeds from the hulls after they have been dried and cracked open by exposure to the sun?

3. Best time to plant in the spring.

4. At what Texas points are these oil factories situated, and what is the ruling market price.

WALTER TAYLOR.

GEOLOGICAL SURVEY OF TEXAS.

AUSTIN, TEX., Nov 9, 1893.

Editor Texas Farm and Ranch:

This office has for distribution the following publications of Geological Survey. Any person desiring copies of these reports can obtain them on application, accompanied by amount of postage opposite each:

	POSTAGE—CENTS.
Second Report of Progress, 1892.....	4
Second Annual Report, complete.....	36
Third Annual Report, complete.....	36
Brown Coal and Lignite.....	12
Geology of West Texas.....	12
Artesian Water of Staked Plains, Texas.....	1
Soils and Waters of the Rio Grande and Pecos.....	2
Reconnaissance of the Gaudalupe Mountains.....	2
Annotated Check-list of the Cretaceous Fossils.....	4
The different reports contained in the Second and Third Annals may be had separately as follows:	
Report of the State Geologist for 1893, with a general statement of the mineral resources of artesian water conditions of Texas.....	6
Iron Ore District of East Texas, with descriptions of a number of counties.....	12
Condensé of Geology.....	6
Geology of Northwest Texas, including Coal Mines.....	10
Central Mineral Region of Llano and adjoining counties.....	6
Trans-Pecos Texas.....	6
Report of the State Geologist for 1891.....	6
Denton County and the Tertiary Section.....	5
Report on the Staked Plains.....	5
Report of the Cretaceous Area.....	5
Trans-Pecos Texas.....	5

E. T. DUMBLE, State Geologist.

SHORT CORRESPONDENCE.

I have just arrived home from an outing, and found your letter awaiting me. Find enclosed postal note for one dollar—and a thousand years of success to you.—LOUIS T. PENN, Augusta, Ark

Having seen the advertisement of your Columbian sewing machine in your valuable paper, and needing a good sewing machine, herewith send my order for machine and TEXAS FARM AND RANCH for another year. I don't want to do without the best farm paper in the South.—JULIUS H. STRECK, Industry, Texas.

Enclosed find vote for Kaufman county. Land is cheap, and soil very fertile. Vegetables, fruits and cereals do well here. Cotton does fine. Farmers get good prices for their products, and always sell all they can possibly raise. Kaufman county has a good lot of fine cattle, hogs, and I am a Texas girl, and am fifteen. Yes, peas taken TEXAS FARM AND RANCH, and think it a fine paper for farmers.—ROSE SANFORD, Terrell, Texas

My dear husband, Dr. J. T. McMillan, who was a subscriber and contributor to your valuable paper is dead. He died of black jaundice on the 11th instant, after an illness of eleven days, at his home in this place. The skill of five good physicians could not save him. He leaves to

sadly mourn his loss many friends, two little boys, two little girls, and his wife.—ELLA McMILLAN, Chandler, Texas.

[Dr. McMillan was one of our valued correspondents, who always wrote hope fully and helpfully of farming and farm- ers. We sympathize sincerely with the bereaved family.—Ed.]

QUESTIONS AND ANSWERS.

IN TEXAS FARM AND RANCH for October 14th, is an article on Melilotus, by W. J. Welborn. He gives it a great recommendation for limy land. I can you inform me through TEXAS FARM AND RANCH where the seed can be got, as I have taken in a piece of ground for the garden, and it is that limy if I pick a pick in the ground, it leaves a mark as white as lime itself.—DAVID GRIDLOW, Garden City, Glasscock county, Tex.

ANS.—Texas Seed and Floral Company, Dallas, Texas, or other dealers in field seeds advertising in this paper, can furnish Melilotus seed.

I have a mare that was kicked on the hock about three months ago. It broke and run about two weeks, then healed up, and it is swollen yet, and the swelling is soft. She is lame all the time. She either holds her leg up or lets it rest on the toe. I am going to blister the swelling with blin- nidole of mercury, two drachms; powdered cantharides, one drachm; fresh lard two ounces. Will that do any good?—A. L. BRUBAKER, Iowa Park, Texas.

ANS.—The blister you suggest will probably relieve the lameness. I think you may possibly fail to remove the swelling without a truss, called a "bog-sparin truss." I would wait a month or so, however, before applying it.—F.

I have a filly with a rupture on left side. The accompanying picture will show you by the cut where the rupture is. The rupture is large enough to run three fingers in it. The entrails protrude to such an extent as to make a lump as large as a man's head. Please tell us the best remedy for such a case. The filly is three years old.—J. D. PHILLIPS, Chillicothe, Texas.

ANS.—Return the entrails and apply pressure with a broad bandage around the body. Keep the animal standing on a floor that slants considerably forward. Allow a very limited quantity of hay or other bulky food. Do not require any exertion of the mare for a month. If the rupture is of long standing you may be compelled to use a clamp on it. Sutures and injections generally fail in these cases. There is little danger of the intestines becoming strangulated, and animals so affected are often able to work for years. Do not breed the mare.—F.

I have a fine three-year-old mare. I notice that whenever she is scratched or hurt she will not let me up entirely. It will nearly heal, and then soon will come on it and the hair will not come back and I also notice that at times she will get perfectly raw under the belly from her fore legs back to her udder. Can you tell me what to do for her? Please through TEXAS FARM AND RANCH.—A. S. HOCKADAY, Ladonia, Tex.

ANS.—Give the mare a good blood alterative, say Fowler's Solution of Arsenic, one ounce a day for two weeks. Give plenty of exercise and a limited quantity of grain.—F.

I have a valuable mare that has the heaves. Please advise some treatment. The animal is 5 years old and keeps very fat all the time. She has not a very bad case, but breathes heavy and coughs oftentimes.—J. J. KALIN, Cottondale, Texas.

ANS.—Heaves is a diseased condition of the lung tissues, which makes it difficult to breathe. It is incurable, but marked relief follows the use of arsenic, say 5 grains a day, or one ounce of Fowler's Solution. Horses with heaves are often able to

be of service for years at slow work, especially if fed on corn fodder at night only.

A veritable family medicine box, BEECHAM'S PILLS.

A friend of TEXAS FARM AND RANCH, Mr. D. H. Thompson, of Waxahachie, Texas, wants to purchase a carload of young Jersey cattle of one half, three fourths, or seven-eighths breeding. Persons having such stock for sale in Texas, Louisiana, Arkansas, Mississippi, or Georgia, will do well to correspond with him as above.

WATER

in be economically supplied wherever needed on the Farm, in House or Stable, on Lawn or in Garden, and where irrigation is desired, with a

Delamater-Rider or Delamater-Ericsson

Pumping Engine.

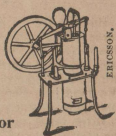
The operation of these Engines is simple; a child can run them. They are perfectly safe. They will pump water from shallow streams or any kind of a well.

Send for Illustrated Catalogue to

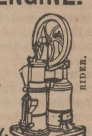
The De Lamater Iron Works,

87 South Fifth Avenue,

NEW YORK, N. Y.



HOT-AIR PUMPING ENGINE.



10% ABOVE FACTORY COST
\$5.87 buys a \$65.00 Singer Style Machine.
\$18.98 buys highest grade modern style machine in the world, 25 different styles at intermediate prices. Warranted 10 years.
We are the only manufacturers selling machines direct. Send for catalogue. A.S.S. Terms for securing a sewing machine in Chicago, Ill.
CHICAGO SEWING MACHINE CO. Chicago, Ill.

5,004 ACRES

Of black waxy land in Ellis county, ten miles west of Waxahachie, on mill a south of Midlothian, and ten miles east of Alvarado and Gran view, known as the Boyd pasture, with five improved farms, has just been placed on the market. It is situated in small tracts to suit purchasers, and admitted to be the best bargain in the state. Small cash payment, balance in installments. Come early and make your selection. Write to C. H. SILLIMAN, Fort Worth, Texas, or see F. W. THEIBTTS on the land.

IMPROVED AND UNIMPROVED

FARMS
IN ELLIS COUNTY.

Except in a very well located possession given January 1st

MUST BE SOLD AT ONCE
On Easy Terms and Splendid Bargains.

If you contemplate buying a home or making an investment, write to
T. J. COLE, Manager,
WAXAHACHIE, Ellis Co., TEXAS.

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KENTUCKY BREEDING STOCK,
Dallas, Texas, Nov. 28 and 29.

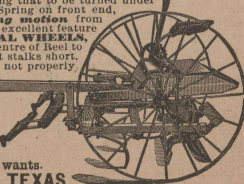
Sixty head, all ages, breeding A No 1. Individually as good as the best.

TO BE SOLD WITHOUT RESERVE.

Sale under management of BUFORD & FARLTON and J B PERRY, Lexington, Ky. Address them now at Dallas for catalogue and attend sale.

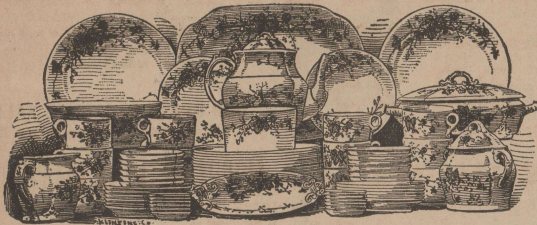
THE NEW CANTON STALK CUTTER

We were the first manufacturers to introduce STALK CUTTERS, and have kept abreast of the times with modern IMPROVEMENTS. This is a valuable implement, preparing the ground for plowing, and leaving that to be turned under by the plow. The Cutter has Spring on front end, connecting with lever, thus relieving the jerking motion from horse necks, also giving knives striking motion. This excellent feature is found in no other Cutter. It has HIGHEST METAL WHEELS, insuring EIGHTEST DRAFT. No Axle through centre of foot to clog up with trash. Made with knives, so as to cut stalks short. Others have the same number of knives, but they are not properly proportioned, therefore cut the stalks same length as our knife. **BE LOOK OUT FOR THEM!** As other points of excellence given in circular, mailed free to the address. We also manufacture Canton Clipper Plows, Volunteer and Victor Cultivators, Disc Harrows, Tricycle Sulky and Gang Plows, Grain Drills, Cotton and Corn Planters and Handic Bugles, Carriage, Pump, Wind Mills, RAIN COOPER and OLDS WAGONS. Write us for your wants.
PARLIN & ORENDORFF CO., DALLAS, TEXAS.



ELEGANT DINNER and TEA SET

75 Pieces of the Latest Design.



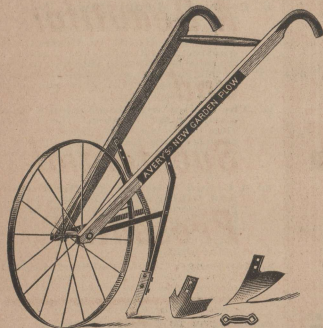
This is not a toy set, or made up of odds and ends of broken stock, but a first-class set in every respect. Any pieces which may be broken in use can be duplicated, as these are imported from England in great quantities by a thoroughly reliable importer, and furnished readers on our orders at the wholesale prices. Carefully packed in barrel and shipped to any point in the United States, the buyer paying the freight. The set weighs, packed, 75 pounds.

Here is What is in the Set:

One covered Vegetable Dish (2 pieces) 1 Scooped Vegetable Dish 12 Breakfast Plates, 1 Bowl, 12 Individual Butters, 1 Tea Pot and cover (2 pieces) 2 Butter Plates (5 inches), 1 Pickle Plate, 12 Tea Cups, 2 Bread Plates (12 inches), 12 Fruit Plates, 12 Saucers, 1 Cream Pitcher. Total, 75 pieces, for \$10 with TEXAS FARM AND RANCH one year. The same set with gold borders for \$2 extra.

Send free for a club of 35 new subscribers at \$1 each.

TEXAS FARM AND RANCH, DALLAS, TEXAS.



THE NEW Garden Plow

In selecting this Garden Plow for a Premium to Subscribers to TEXAS FARM AND RANCH, we are confident that we have gotten the very best implement to be had for the purpose. It has a 24-inch Steel Wheel; is Metal throughout, except the handles, and is a thoroughly reliable Tool, which can be worked by even a child. "You gently push the plow, the blades do the rest." It is sold for \$3.50 including one year's subscription to TEXAS FARM AND RANCH. It weighs 18 pounds, and is delivered free on board cars in Dallas, the buyer paying the freight.

Address TEXAS FARM AND RANCH, Dallas, Texas.

THE Combination Hot Water Bottle AND FOUNTAIN SYRINGE

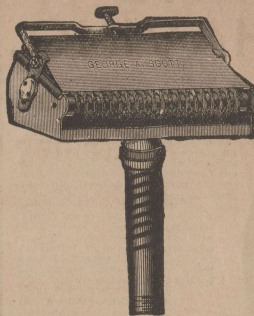
TWO-QUART SIZE.



The various uses to which this set is adapted renders it indispensable to every family. Doctors of all schools recommend the use of these. They are manufactured with the utmost care of the best materials, and are the very best to be had in the market at any price. No dealer can afford to sell them for much less than \$5, but by our arrangements we can offer them for \$3 a set, including a year's subscription to TEXAS FARM AND RANCH, or the combination will be sent free for eight new subscribers. Express prepaid.

Address TEXAS FARM AND RANCH, Dallas, Texas.

SHAVE YOURSELF.



SAVE TIME AND MONEY

BY USING

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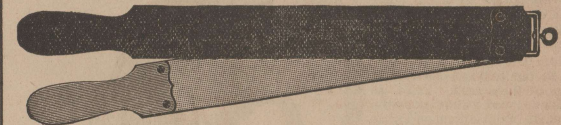
Every gentleman should use one. Perfect security against cutting. Magnificent silver steel blade. Easily sharpened. Perfectly simple. Can be used at sight. Perfect shaving guaranteed. No "pulling" is possible. Impossible to cut the skin. It is packed in a

metal box and sent free of postage for \$2. Add \$1 to your subscription and get this wonderful razor.

FOR THOSE

Who want the old-fashioned style of razor, we have a fine RAZOR and STROP,

which can't be beat for quality and price combined. The razor is silver steel, hollow ground, with a fine hard rubber handle. The strop is the one used by the best barbers. Razor never needs to be honed when this strop is used. The razor is the same quality usually sold for \$1.50 to \$2, and the strop cannot be sold by any retailer for



less than 75 cents. We send the razor and strop by mail, postpaid, for only \$2, or for one new subscriber and \$1 added.

Address TEXAS FARM AND RANCH, Dallas, Tex.

GOLD WATCHES.

Not Oreide or Plated,
But Solid Gold.



SOLID 14 K. GOLD, \$15.00

his net wholesale prices, and he will send it by registered mail, and insure its delivery, on receipt of our order, with the money.

If you want a Gold Watch or a Diamond Ring, and are willing to trust to us to select it for you, we are confident you will be pleased with the goods we will send, and

The Saving in Prices.

We also furnish a good Rolled Plate Watch, which will wear like gold—it is solid gold on the outside, not galvanized, but solid plates—for 15 or 20 years, and keep just as good time as the solid gold ones. These movements are either

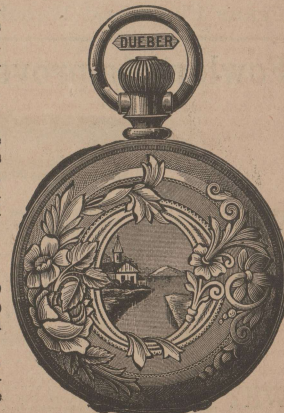
Hampden, Elgin, or Waltham,

with all the latest improvements, with 9 jewels, patent regulator (in the Hampden) just the same as in a \$35 solid gold one.

Send Money Order, Postal Note, Draft, or Currency, as is most convenient. If currency is sent, it must come by express, as it is at your risk.

Address,

TEXAS FARM AND RANCH, DALLAS, TEXAS.

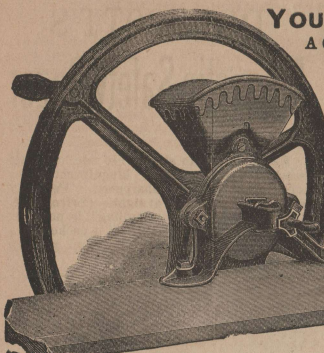


OPEN FACE \$14 HUNTING CASE \$15.
(ROLLED PLATE.)

GRINDERS WORTH HAVING.

YOUR OWN MILLER.

A Grinding-mill for Family Use.



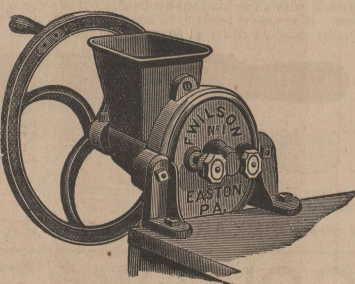
Adjusted by one thumb-screw in a moment to grind from fine flour to hominy. Adapted for grinding corn, wheat, coffee, spices, or grain of any kind for domestic use or feeding purposes. Corn-meal, hominy and Graham flour produced fresh and pure in your own home. Grinds 1 pound of coffee in 1 minute; flour or meal a longer or shorter time, as the mill is set to grind fine or coarse. It has large, chilled-iron burrs, 4 1/2 inches in diameter, which are ground perfectly true. Steel shaft and fly-wheel 20 inches in diameter. Can be quickly fastened to the edge of a table or counter. The workmanship on the mill is first-class, all parts being made to duplicate.

We will furnish this mill and Texas Farm and Ranch one year for \$5.00, receiver pays charges, or we will give it for a club of seven subscriptions to Texas Farm and Ranch at one dollar each.

No. 1 Poulter's Mill

This Mill is especially made for GRINDING DRY BONES, SHELLS, GRAIN and many other substances for Poultry. WEIGHT 35 POUNDS.

No family is at home without one of these mills. Price, \$5 each. Purchaser pays the freight. We use them on Texas Farm and Ranch Experimental Farm and can fully agree with all that is said in favor of these useful little machines. This mill will be given as a premium for seven subscribers to Texas Farm and Ranch at one dollar each.



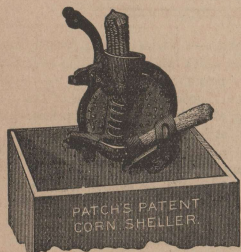
BLACK HAWK SHELLER AND SEPARATOR.

Not a TOY, but a MACHINE which does the work, and all a farmer needs for shelling corn for home use.

**It Won't Choke!
Simple in Construction!
It is Durable and Cheap!**

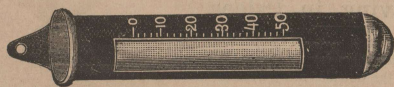
We will furnish this Sheller and Texas Farm and Ranch one year for \$3.25, or we will send it f. o. b. Dallas for \$5 cash. Address
TEXAS FARM AND RANCH, DALLAS, TEXAS.

I should have acknowledged receipt of the Corn Sheller and Bone Mill purchased from you some time ago. It came all right. I have thoroughly tested both, and if I could not get others like them, I would not take one hundred dollars for them. Every poultry fancier ought to own a Bone Mill. I grind all the corn my stock eats. And the Sheller—it is a perfect daisy. Can easily shell a bushel of corn in five minutes.—J. C. COLLINS, Belton, Texas.



Texas Farm and Ranch Pub. Co., Dallas, Tex

Fowler's Improved Cream Tester.



WHY Keep a poor cow when you can know her cream value? If she gives less than 10 per cent cream, you lose money by keeping her. **FOWLER'S IMPROVED CREAM TESTER** will tell you her value. Price 50c. Sent by mail, prepaid, on receipt of price.

IMPORTED DAIRY THERMOMETER.

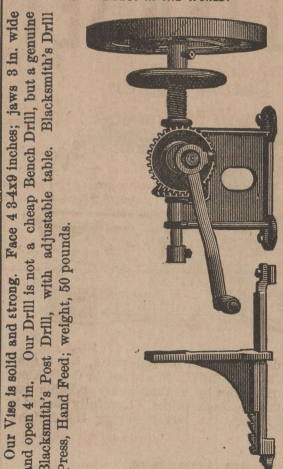


WHY Spend hours in churning when you can do it in from five to ten minutes if your cream is of the proper temperature? The only way to determine this is to have a good Dairy Thermometer. You can have the best for 50 cents, or both for 75 cents. Texas Farm and Ranch one year and the Thermometer and Cream Tester for \$1.50, postage paid. For 10 cents extra this will be sent by registered mail and safe delivery guaranteed. Otherwise it goes at the risk of the purchaser.

TEXAS FARM AND RANCH, Dallas, Texas.

"Scientific" Kit of Tools.

FOR FARMERS, STOCKMEN, PLANTERS AND MECHANICS—THE BEST IN THE WORLD.



Our Vise is solid and strong. Face 4 3/4 inches; jaws 3 in. wide and open 4 in. Our Drill is not a cheap Bench Drill, but a genuine Blacksmith's Post Drill, with adjustable table. Blacksmith's Drill Press, Hand Feed; weight, 60 pounds.



Blacksmith's Tongs, Wrought Iron, 18 in.



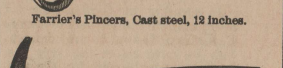
Blacksmith's Cold Chisel 11-2 lbs. Solid Cast Steel



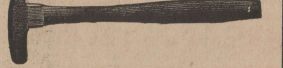
Blacksmith's Hammer Hot Chisel, 11-2 lb



Farrier's Pincers, Cast steel, 12 inches.



Adze-Eye Shoeing Hammer and Handle, wt. 9 oz



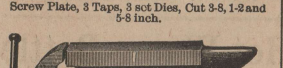
Farrier's Knife, Woostenholm.



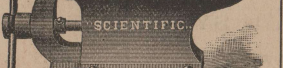
Screw Plate, 3 Taps, 3 set Dies, Cut 3-8, 1-2 and 5-8 inch.



Combination Anvil and Vise, Hardened face, Finely polished, weighs 50 lbs.



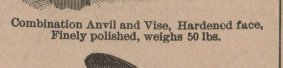
Farmer's Forge No 5, B, will heat 11-2 inch iron



Our Forge is built especially for our Kit, 15 inches high to top of bowl, 14 inches in diameter. Fan 8 inches in diameter, weighs 45 pounds.



Every tool on this list is the best the market affords, and so guaranteed. This kit of tools, freight prepaid to any R. R. Depot in the U. S., as a premium for a club of 35 subscribers at \$1 each, or for \$35 cash.



Farmer's Forge No 5, B, will heat 11-2 inch iron



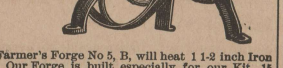
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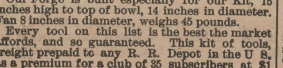
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GREAT SACRIFICE IN BOOKS.

Here is a combination set of

14 VALUABLE BOOKS

which we will send you by mail, post-paid, on receipt of only

25 CENTS.

OUR GREAT SACRIFICE SALE

POPULAR PUBLICATIONS.

Synopsis of what will be sent you by mail, post-paid, upon receipt of only 25 cts. in cash or postage stamps.

1. One Unabridged and Unchanged Copy of Chas. Dickens' masterpiece, "David Copperfield." It is printed on good paper in excellent, clear type, and bound in handsome colored covers. (The same work in cloth costs \$1 alone in any retail book store).
2. One copy of that humorous travesty "The Adventures of a Countryman in New York." The style of this work is easy and pleasing, the fun is sparkling and the comic element so pervades the story that the readers and their listeners are convulsed with laughter.
3. Sixty-Two Complete Stories by such expert literateurs as May Agnes Fleming, Clara Augusta, Mary A. Dennison, Horatio Alger, Jr., and others; to expatiate on whose talents as entertaining novel writers would be superfluous.
4. Poems by Longfellow. The sweet singer of Maine, whose works will be celebrated the world over till the end of time.
5. A Complete Guide to Perfect Etiquette. A careful study and attention to the rules laid down in this little manual would fit the most uncultured for an entrance into the ranks of even Ward McAllister's famous "400."
6. The Ladies' and Gentlemen's Standard Letter Writer. This compendium covers the whole gamut of correspondence from the congratulations at a wedding to the condolence at death, as also a complete system of commercial epistolary usages.
7. A Grand Selection of Recitations and Dialogues. This is simply a complete repertoire of the most popular recitations in America. The book will prove a boon to those in the country who have to improvise amusement during the long winter nights.
8. 150 Songs, Comic and Sentimental. This collection includes the leading songs most in vogue, the universally sung "Tea-boom-der-ay" being among others, with words and musical score for piano or organ.
9. Designs in Fancy Work. No lady who has a penchant for using her needle in the line of fancy creations should be without this little book. It contains nearly one hundred elaborate designs with explicit instructions for their manipulation.
10. Fun for the Million. This is an absolute mine of Yankee Wit and Humor culled from all sources between Maine and California. There is a hearty laugh in every page from start to finish.
11. Wonders of the World. This volume contains highly interesting descriptions of the most wonderful developments of Nature and Man in all parts of the globe.
12. Love, Courtship and Marriage in XIV Chapters. The title of this work very amply indicates its import— suffice it to say, to the diffident wooer it is a veritable guide to the attainment of his desires, and to the bashful maiden a literary compass pointing out how she should gracefully refuse or accept a partnership for life with the man of her choice.
13. Guide to Needlework and Knitting. This little book, studied in conjunction with No. 9, ought to be sufficient to place the plain sewer on the same plane as the high art needle-woman—so plain and graphic are the designs and directions how to evolve them, given in both pamphlets.
14. The Complete Cookery Book. To the experienced housekeeper or newly married wife this book does not belie its name—it is "Complete" in its hints, from the boiling of a potato to the proper preparation of the most fancy dish known—many of its receipts being culled from the experience of the most distinguished chefs on both sides of the Atlantic.

Bear in mind that we offer you, not a single volume, but an entire set of 14 books, all sent postpaid, for only 25 cts. Send for this handsome set of books, and you will be delighted and never cease to regard it as the best investment you ever made. They would make a valuable addition to any library.

Sent by mail post-paid for only 25c.

This entire set of 14 books sold for 25 cents, or sent free for one new annual subscription. Address

Texas Farm and Ranch,
DALLAS, TEXAS.

FARM AND STOCK.

An important department of dairy farming is raising cows to keep up the herd. This should not be neglected.

The handsomest cow in the herd is the one that gives the largest quantity of rich milk, because "handsome is as handsome does."

The Farmers' Review states that in a new dairying district in Colorado cows have doubled in value in one year, on account of the establishment of a creamery there.

People who know too much are not good material out of which to make successful dairymen. They never learn anything; their great knowledge was inherited from some remote ancestor.

Early spring pigs make the cheapest pork, and for that purpose are to be preferred. Fall pigs are just as good for breeders, as these last for several years, while those intended for slaughter, should be turned off at eight or nine months old.

One great advantage of dairying is that it brings in money every day during the year, and the dairyman always having cash can buy cheaper than those who have to buy on credit. It is a cash-in-hand business and as such satisfactory, even if net profits are small.

The Connecticut Experiment Station has determined that decorticated cotton seed is worth \$30 per ton as a nitrogenous fertilizer, and is cheaper at the present prices than the oil meal. The value of cotton seed as a fertilizer, has never been fully appreciated in the South.

Dairying as a side issue, never does the subject justice. To make a complete success of this branch of agriculture, the entire energy of the farmer and farmer should be directed to the one object of making the largest amount of first-class dairy products, at the least possible cost. Whoever does this intelligently will not fail.

Over-cropping a farm means disaster, and overstocking a farm with worthless animals, is to court bankruptcy. Plant judiciously of good seeds, and cultivate well. Stock the farm with animals worthy of the best care, and give it to them; and you are on the road to success. Turn neither to the right nor left, and you will get there.

Don't buy any patented churn, or process for getting butter in less time than twenty-five minutes. The writer once made a churn that got the grease from the cream in from five to eight minutes. That was a long time ago, when he thought he knew a great deal. He may not know so much now, but what he does know, he knows a great deal better than he did then.

Manufacturers, of what is sold as evaporated cream, say that "when the water is evaporated from milk, there is nothing left but the cream." This is a fraud. It is practically labeling condensed milk as "evaporated cream." A little coloring matter is added to tinge the deception with a faint but delusive hue of truth. Much of this evaporated cream tests as low as 2 1/2 per cent of fat. Honest commercial cream varies from 16 to 30 per cent fat.

Why not plant the entire orchard in pumpkins? Got no use for pumpkins? Well, you ought to have a use for them. Have you hogs, cows, beef cattle or horses? Then you have a use for pumpkins. Get the opinion of these animals on the subject by giving them a fair chance to test a diet largely of ripe and luscious pumpkins. They are an excellent feed for hogs and cattle of every class, and superlatively good for milch cows. There is hardly any food can be raised cheaper.

The old way of raising hogs in Texas was to turn them into the woods and let them raise themselves. The custom was to take a bag of corn and go on horseback to the range, blow a horn, and when the hogs were heard coming to scatter the ears and leave. A close watch was kept on the sows about to farrow, so that they might get an occasional ear in addition to the usual ration. Acorns, nuts and roots supplied the food, and two years would bring the ridge rosters to killing size. At the proper season the young males were caught with dogs and converted into embryo meat hogs. Late in the fall more corn was fed to them in the woods, with the object of fattening rather than fattening—nature usually provided an abundance of food. When the season and the weather were suitable the fun commenced, when with dogs and guns, and corn for bait, the range was invaded, the hogs called up and killed, and a light two horse wagon hauled the carcasses home. There

was a great deal of trouble, uncertainty and fun in this proceeding from beginning to end; but one thing remains impressed upon our mind connected with these good old days, and that is that no improved breed or modern process produces as sweet and streaked bacon as those heavily bristled 2 year-olds fed on white oak acorns and pecans.

TAKE CARE OF THE FUTURE.

For three hundred years our farmers have been wearing out their fields and going West. Now that there is no more West to go to, what are we to do about it? The lands now in cultivation will become exhausted after a while under the present system of cropping. Even those lands that are glibly spoken of as inexhaustible do not produce the crops they once did. People see this but do not perceive what this ominous fact forebushadows. The South Atlantic states are now feeling the full weight of the penalty for reckless farming. The huge fertilizer factories and warehouses tell the tale. When it takes all the net profits of a farm to prevent its degeneration, then the lot of the farmer is a hard one indeed. The remedy or prevention of this evil is to adopt a rational preservative system, and one that will not only preserve the fertility which now inheres in the soil but improve it. This can best be done—perhaps it can only be done—while farming the land profitably, with stock.

CEDAR VALE.

JAS. THOMPSON.

Most of the readers of TEXAS FARM AND RANCH are aware that this is the home of the great Cedar Vale herd of Poland Chinas, and as I was the successful exhibitor of field corn at the Texas State Fair last closed, and won on my corn the registered Poland China pig offered as a premium by Messrs. Singleton & Cothes, living in adjoining county, only a day's drive from Lebanon, I took my wagon and team and drove over after my pig, and to see how those Poland Chinas looked at home; found Mr. Singleton, Mr. Cothes being off on a hunt, presumably laying in a winter's supply of meat; but I saw the hogs and although I expected to see something nice, yet I must confess I was surprised. On this farm of Mr. Singleton's I found thirteen brood sows, ranging in weight from 350 to 600 pounds, and two magnificent breeding boars, the younger, Cedar Vale's Duke, not quite one year old, will weigh about 350 pounds, from the Hoosier state, of the very same breeding and very closely akin to the swineapple boar and sow at the World's Fair, Chicago; but of the other boar I was particularly taken with, Young Whisper. He was successful in the show ring 1892 at such fairs as the Ohio, Indiana, Illinois State, the great St. Louis Fair and the Texas State Fair, weighed 380 pounds when twenty-three months old in show flesh. He is now in what is termed nice working order, and Mr. Singleton says he could be fattened to weigh 1000 pounds. Not only is he a stunner individually, but his pigs, of which I saw a goodly number on the farm, show that he possesses the power to transmit his good qualities. Mr. Singleton informs me that for the past twelve months they have been behind their orders, the demand has been so great; but as they have made no show this fall, and have all their sows in breeding, they have now a little surplus of young pigs. After spending a pleasant night with Mr. Singleton and family, in the morning I loaded up a beautiful boar pig, and bidding Cedar Vale adieu I wended my way homeward, realizing that I had seen one half only of this magnificent herd of registered hogs, and thinking, still thinking of how those Langshan roosters crowded. "Go thou and do likewise." Rockwall, Texas.

WILLIAMSON COUNTY'S TESTIMONY.

VAUDE SINGTEIN.

The question that confronts the farmer and stockman of this section of the country is: What shall I do with my stock? Since the indigenous grasses are so rapidly disappearing, would suggest to all such the solution to this problem is: Improve your stock. Fewer and better stock, should be the motto.

Those who have devoted their time, labor, money and talents to this object are the greatest benefactors of the age, and have added millions of wealth to the South in the last twenty years. One or two intelligent breeders of improved stock are worth more to a country than half a dozen so called railroad kings in developing the resources and increasing the wealth of a country.

Can it be made a success? We frequently hear it asserted that the climatic influences are such that it cannot be made a success; that the impotency and rearing of the finer breeds of stock has time and

again proven a failure. But such is not the case when the same amount of intelligence and care is exercised, as in other business enterprises. One practical demonstration is worth many theories. Any one having doubts on the subject can be fully convinced by making a visit to the stock ranch of Mrs. T. A. Dyches, three miles east of Granger. Here he can see that Williamson county, Texas, is as well adapted to and does produce as fine and pure bred stock, whose pedigree ranks as high as any in the state. This ranch was established by the late William Dyches, when such an enterprise was regarded in this section as visionary, to say the least of it; but by energy and shrewd business common sense principles he had made it a success till his death. His widow, Mrs. T. A. Dyches, has since his death had the management of the business, whose mature judgment, skillful selections and intelligent management has brought up her stock to a standard that ranks as high as any in the American Breeder's Association, as evidenced by the following exhibit taken from her books and transfers:

BERKSHIRES.

Arkansas Duke 19899, bred by N. H. Gentry, Sedalia, Mo. Girth, 5 feet 6 inches; weight, 750 pounds; sired by Longfellow, one of the finest prize winners now living. Duke Carlisle 30867, bred by N. H. Gentry; sired by Mammoth Duke 11364; girth at 5 months old 39 inches, otherwise proportioned. His grand sire was the Great Model Duke, for which his owner paid \$750. Champion Dolly VIII 20584 daughter Britia, Dolly 14581; sired by British Champion 4495, celebrated as a prize winner. Nora O. XXII 21874 descendant of Grand Duke 17821 and Nora C. V 18886, has now the finest litter of pigs (seven in number) to their age the writer ever saw (all of them spoken for, hence this is no ad.) Dolly's daughter 30498, bred by Mrs. Dyches, and is equal in all respects to her illustrious mother. All the above herd have an unbroken record of registered pedigree in the American Berkshire Association of more than twenty years standing. The writer will have something fine to report in a future article in regard to Jersey cast, fine chickens, etc.

Granger, Texas.

ANGORA GOATS.

Pacific Rural Press.

Prove all things, hold fast that which is good. It would be impossible for any one person to prove all things. We may properly avail ourselves of the experience of others. For the benefit of my fellow-farmers I will now give my experience and observation in keeping Angora goats on the farm. It is well known that in many parts of the Willamette valley young goats and other timber have grown up to such an extent as to render it very difficult to prepare the ground on which it grows for the plow. With the assistance of the Angora goats this difficulty is almost entirely removed. It is only necessary to cut down the young timber of one inch or more in diameter. The goats will nip all sprouts and peel the bark from small brush of all kinds; even the big brush cannot escape them. They will reach up and bend down brush eight or ten feet high and peel the bark from it. In five or six years the stumps will have rotted out and left the ground ready for the plow. One or two goats to the acre will be sufficient for the purpose. An average goat will yield three to four pounds of wool, the price of which depends on the demand for mohair. The flesh is as savory food as that of the sheep, and a goat will live and thrive where no other animal can.

We do not know how long his offers may hold good, but Gardner Work, of Waco, is now offering chances for the homeless to secure farms for themselves, which may be many be the chance of their lives. The early buyers will of course have first choice. See his ad. on page 2.

A WORLD'S FAIR CHAMPION.

The highest possible award at the disposition of the judges was awarded to the Cooper Sheep Dip Ebbel, and 300 premiums were gained by Cooper dipped sheep. Half of the entire sheep at the show were Cooper-dipped, and nearly half of these obtained premiums, while they also secured over one-half of the total First Premiums, testifying in a remarkable manner to the sterling merits of the Dip, and establishing a record quite unparalleled in the history of sheep shows and sheep dips. "Guide to Dipping," mailed free by Willm. Cooper & Nephews, Galveston, Texas.

Big wages and sure pay to any intelligent, energetic worker desiring to devote his entire time to securing subscribers to TEXAS FARM AND RANCH.

A Horse

deserves the best remedy man can devise for his hurts. Phenol Sodique is that. For other flesh also.

HANCE BROTHERS & WHITE, Philadelphia. At druggists. Take no substitute.

SOUTHDOWN SHEEP.—Cassius M. Clay, Whitehall, Ky.

MAGIE CO. POLAND CHINA SWINE HEAD-QUARTERS. D. M. Magie, Originator, Oxford, Ohio. Send for circulars.

PIGS. Chesters, Berkshires, Poland, Fox Hounds, Beagles, Coilles, Setters. GEO. B. HICKMAN, West Chester, Pa. Send stamp for Circular.

W. H. PIERCE, Denton, Texas, Breeder of Large English Berkshire Swine. All stock eligible to record in American Berkshire Association. Correspondence solicited.

PURE BLOODED Jersey Red, Chester White and Berkshire Pigs, from six to eight weeks old, \$10 a pair. Wm. N. M. RUSBY, Mathis, San Patricio County, Texas.

LARGE ENGLISH BERKSHIRE HOGS.—I offer as good thoroughbred pigs as can be had at reasonable prices. Also thoroughbred and grade Hereford bulls. Write for terms. W. S. IKARD, Henrietta, Texas.

A First-Class Family Horse for Sale.

Good size, young, gentle, well bred, and offered at a bargain. Address GEO. H. M. GARD, Dallas, Texas.

PARK HILL STOCK FARM

Offers choice breeding animals from their fine herds of Poland China Hogs and China Geese. Choice stock at reasonable prices and on easy terms. Address S. P. LANGSFORD, Manager, Waxahatchie, Texas.

Burlington "Stay-On"

STABLE BLANKET fits like a tailor-made coat. Ask your dealer for the "BURLINGTON" catalogue. Write for handsome illustrated catalogue—sent free. BURLINGTON BLANKET CO., Burlington, Wis.

PRAIRIE VIEW SADDLE STOCK FARM

ELY, MISSOURI. Eight head of No. 1 Kentucky bred Saddle Stallions and Cows and one fine Jack for sale. For catalogue apply to Dr. S. MADDOX, Ely, Mo., or W. R. JACKSON, Monroe City, Mo.

High Grade Herefords

and two young registered bulls, both sired by **SHADELAND 39,** for sale at astonishingly low figures. Call at once or write. GEO. L. PATTILLO, Manager, Gordon, Tex.

Holsteins for Sale.

A small herd of choicely bred Holsteins. Three 3-year-old cows with calves, two 1-year-old heifers, one bull 3 years old. None better. Want of proper facilities for caring for them is only reason for letting them go at all. Address E. W. KIRKPATRICK, McKinney, Texas.

H. S. SINGLETON. H. COTTER. SINGLETON & COTTER, Lebanon, Texas

PROPRIETORS CEDAR VALE HERD OF

Choice Stock for sale at all seasons. Can furnish pigs in pairs and trios not related.

Dehorn
Your CALVES easily, safely and perfectly, at one cent a horn by using **JOHN MARCH CO'S Chemical Dehorner.**
For sale by all Drug stores, or sent, express prepaid, for \$1.00 by JOHN MARCH CO., 17-19 River St., Chicago. Circulars free. Order and apply early.

THE KEYSTONE DEMORNING CLIPPER
The most humane, rapid and durable knife made. Fully warranted.
A. C. BROSIUS, COCHRANVILLE, Pennsylvania.

HOGS PAY BEST
Send for description of the famous **O. I. C. HOGS** two weighed 2,506 lbs. First applicant secures a pair of pigs on time and agency.
The L. B. SILVER CO., CLEVELAND, OHIO.

A WORD WITH YOU,

Explaining Why This Copy is Issued, and What It is.

TEXAS FARM AND RANCH is issued weekly.

It contains 16 pages with illustrations, is replete with good matter of interest and value to every Southern farmer, planter, and stockman.

The subscription price is \$1 a year, payable in advance.

This Premium List is part of the regular issue for Saturday, Nov 18th, 1893.

TEXAS FARM AND RANCH PUB. CO.,
Dallas, Texas.

SOME INSTRUCTIONS.

Letters requiring an answer should have enclosed in them a 2 cent stamp.

Subscriptions may begin with any number. Unless a date is stated, the subscription is always started with next issue of TEXAS FARM AND RANCH.

If you send more money than is needed to pay your subscription, your subscription account will be credited with the excess and the date of your subscription extended enough to absorb the money, unless you instruct us what to do with it.

If you want the address of your paper changed, you must give us the old post-office address as well as the new. All are indexed by postoffices, and unless we have the old address, it can not be found.

Any subscriber who wishes to make the effort to get up a club, should write at once for a supply of subscription blanks, sample copies and premium lists.

Subscribers often ask us to substitute some premium we have not announced, for one which has been offered. It should be understood that the purchase of the necessary articles and the preparation of a premium list involves the outlay of a considerable amount of money, and many days of deep thought and labor in its production, and when completed and published changes can not be made in it. Any suggestions of changes will be courteously received and filed for consideration in getting out the next list. Write them on a separate sheet from your letter.

TERMS.

Of the \$1000 United States Coin Offer to Club Raisers.

These special Coin prizes represent a certain percentage of the total amount to be received for new subscriptions to TEXAS FARM AND RANCH between now and July 1st, 1894.

They will be given to club raisers in addition to all other offers or individual premiums, on the conditions named in the offer.

The offer is based on an expected net return of not less than \$5000 in new subscribers. If the returns show more than expected, these prizes will be increased in proportion, and should the returns be less, they will be scaled in proportion.

CONDITIONS

The object of all our offers, both of premiums to subscribers and prizes to club raisers, is to secure new subscribers, hence we require that all who enter this competition for club prizes shall themselves be subscribers to TEXAS FARM AND RANCH. If not already a subscriber, send one dollar for a year's subscription, and enter the competition for the money prizes. You will get a premium for your subscription. (See list of offers for one new subscription.) You will be paid a big commission in the club premiums, whether you get a Coin Prize or not.

No club of less than ten new subscribers can participate in the Coin Prizes, and every subscription must be taken at our regular rate of \$1 a year. Two six months subscriptions count as one annual.

ARGUMENT.

Every paper seeks to build up its subscription lists, no matter how large they may already be, and it is the interest of every subscriber to aid in this, for every additional thousand makes it possible for the publishers to add more interesting and valuable features to the paper.

TEXAS FARM AND RANCH is too expensive a paper to produce to justify giving premiums to old subscribers. The value of the paper itself is its own best premium, and is the best inducement for old subscribers to remain with it, and the number who do remain with it from year to year is the best evidence that they have gotten "value received" for their dollar. The publishers fully realize the favor of its old friends, and are glad to greet them year after year, and it is to these old friends we look for aid in swelling our lists. At the same time TEXAS FARM AND RANCH does not ask or expect anybody to do something for nothing, and therefore makes the most liberal offers for their help. Club-raisers are paid considerable more in premiums than would be possible

\$1,000

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TO BE GIVEN AWAY

TO PERSONS WHO RAISE CLUBS

FOR TEXAS FARM AND RANCH

BEFORE JULY 1st, 1894.

\$100 IN COIN FOR LARGEST CLUB.
\$50 IN COIN FOR 2ND " "
\$25 IN COIN FOR 3RD " "
\$10 IN COIN FOR 4TH " "
\$5 IN COIN FOR EACH OF THE NEXT 163 LARGEST CLUBS.

The condition is that, the largest club shall not consist of less than 200 NEW subscribers and the 5 clubs have not less than 10 NEW subscribers each.

This offer is not open to agents who make it a business to take subscriptions, and who are paid regular cash commissions.

\$1 in cash must accompany each and every subscription, and to count in this contest for the COIN PRIZES the names must be of new subscribers. Renewals will not count in the prize lists, but these prizes are

In Addition to the Club Premiums

AND PREMIUMS TO SUBSCRIBERS.

This is open to subscribers only.

READ FURTHER PARTICULARS ON THIS PAGE.

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in cash. The value of every article offered has been fully determined, and no article has been selected which is not all it purports to be, and is generally worth in the stores much more than the prices we name for them.

Being best acquainted with TEXAS FARM AND RANCH, old subscribers are the ones best fitted to tell others of its value, and are selected because of their fitness, and none others can participate in the Club Premium or Coin Prize offers. Any person who has paid one dollar for a years subscription is eligible under these offers.

No premium can be given for a subscription which is for a shorter period than one year. The premium is not a reward for a payment, but an inducement to new subscribers to give TEXAS FARM AND RANCH a year's trial. No premiums for renewals.

OLD SUBSCRIBERS

can renew their subscriptions for three months without any payment, by sending a new subscriber with one dollar, or it can be extended for a full year for three new subscriptions, with three dollars and twenty five cents.

PROFITS FOR BUYERS.

Many of the premiums offered here are so much lower in price than can usually be afforded by dealers that those who get them from us can frequently sell them again at a handsome profit on what they have paid TEXAS FARM AND RANCH for them.

TO CLUB RAISERS.

There is no mystery about the getting of a club. All that is needed is a cheerful and polite manner and a determination to succeed; but the first essential is a thorough knowledge of the thing you offer. Unless you are yourself a reader of TEXAS FARM AND RANCH, you can not intelligently show its advantages. This is a reason the offer is made only to those who subscribe. If a person refuses to subscribe when first called upon, the club raiser should treat him or her with full respect. The reasons may be all sufficient to him and not in any way connected with a dislike for either the paper or the club raiser. Leave a sample copy, go off, and call again, and again. You will succeed eventually, if you remain polite and courteous. You should each week set aside a time to carefully read your copy of TEXAS FARM AND RANCH, then you are able to point to different articles of value, some one of which is almost sure to be worth a years subscription to somebody. You must feel convinced that you are offering the very best paper of its class to be had. That's half the battle, the first half; the other half is then easy. If you are full of enthusiasm you will surprise yourself by the number of subscriptions you will take, the ease with which you will get them, and the good words of encouragement and endorsement you will receive.

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For 3 new subscribers, with \$3, How to be Your Own Lawyer.

For 4 new subscribers, with \$4, Household Outfit, Wood's Natural History, or any one of the 141 cloth bound books.

For 5 new subscribers, with \$5, The Victory Watch.

For 6 new subscribers, with \$6, Black Hawk Corn Sheller.

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For 8 new subscribers, with \$8, Combination Hot Water Bottle and Syringes.

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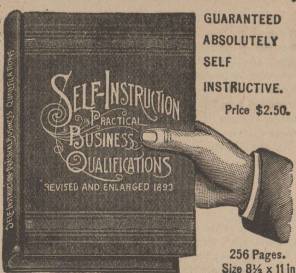
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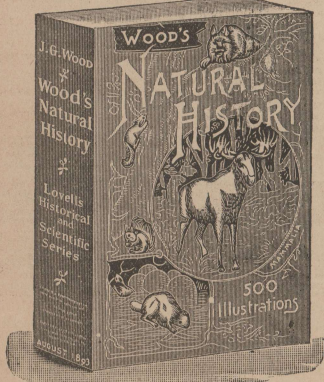
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SIMPSON, HARTWELL & STOPPLE,

General Machinery Depot,

HOUSTON, TEXAS.

Time WILL Tell.

SIX YEARS AGO

A prominent farmer in Indiana put up lots of

page fences. Did it suit? So well that his son lately

formed a partnership with the Agent. Result:

Orders enough for a carload of 250 rods right now

in the dull times. Competition was nowhere, against

positive proof of efficiency and durability.

PAGE WOVEN WIRE FENCE CO., Adrian, Mich.

GARDEN KING CULTIVATOR.

Is the Boss.

4 Tools in One.

A Hand Plow. A Hand Hoe. A Seed Coverer. A

Marker or Hiller. Circulars with full information

on application.

If your local dealer does not handle them, write

us for price delivered.

Grand Rapids Mfg. & Impl. Co.,

460 S. Front Street,

GRAND RAPIDS, MICH.

Our Clubbing List.

We will send TEXAS FARM AND RANCH and any

one of the following publications, one year, at

the very low rate given below. No paper will be

sent at less than publisher's full price unless

taken in connection with Texas Farm and Ranch.

The price of Texas Farm and Ranch is One Dol-

lar a year.

Regular With F. & R.

New York Weekly World.....\$1.00 \$1.75

New Orleans Picayune, weekly.....1.50 2.00

St. Louis Republic, semi-weekly.....1.00 1.75

St. Louis Globe-Democrat, weekly.....1.00 1.75

Courier-Journal, weekly.....1.00 1.75

Fort Worth Gazette, semi-weekly.....1.00 1.50

Galveston or Dallas News, weekly.....1.00 1.75

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Atlanta Constitution, weekly.....1.25 1.75

Peterson's Magazine.....2.00 3.00

Texas Siftings.....2.00 4.00

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Texas (German) Post.....2.50 3.00

Texas Farmer.....1.00 1.50

Southern Mercury.....1.00 1.75

La. Planter and Sugar Manufacturer.....3.00 3.00

Farm Implement News, weekly.....2.00 2.50

Breeder's Gazette.....2.00 3.00

Farmer's Call.....50 1.25

Hoard's Dairyman.....1.00 1.75

Scraper's Magazine.....3.00 3.50

Texas Baptist and Herald.....2.00 2.50

Texas Christian Advocate.....2.00 2.50

New York Ledger.....2.00 2.50

Green's Fruit Grower.....1.25 1.50

Southern Cultivator & Dixie Far.....1.00 1.75

Wool and Hide Slipper.....1.00 1.50

Round Table (magazine).....2.00 3.00

Western Poultry Journal.....50 1.50

Southern Fancier.....50 1.50

As these rates Texas Farm and Ranch must be

taken with every order. Any number of club

papers may be ordered in conjunction with Texas

Farm and Ranch. If you want any other paper

not given above, write us for our club rate. We

can order any paper in the U. S. for you. Papers

can be sent to different addresses. Send money

by postoffice money order or registered letter if

possible. Stamps taken when order cannot be

obtained. Address TEXAS FARM AND

RANCH, Dallas, Texas.

FARM MACHINERY

Several new cotton and corn (combined) planters will be offered the coming season. Added to those now on the market, anyone should be able to satisfy his taste for an implement of this kind.

Now and then the manufacturer of some implement or machine takes a notion that he occupies precisely the same independent position toward the consumer that Mr. Vanderbilt does toward the public, but soon learns that the consumer can get along as successfully without his goods as the public could without Mr. Vanderbilt, or any other snob that ever lived.

Farm Implement News: The price of wheat is disgustingly low, that of corn is but little better, and of oats only fair. Rye and barley are dirt cheap. Hay has been selling up to the average, but is reported dull. Potatoes and vegetables bring fair prices. Dairy products are dear enough. Cattle are selling pretty well. Only hogs are high and active. The cheapness of the three great staples, wheat, corn and oats, is what makes trade dull and collections slow.

Farm Implement News: The closing of the great exposition and the passage of the repeal bill were contemporaneous. We believe that the former will have a much more beneficial effect than the latter upon trade in the West, outside of Chicago, though the influence of the one has hardly been considered and the other has been advertised by its advocates as an effectual remedy for every ill. People will now turn their entire attention to business, and the conditions will be improved in consequence, while the effect of the great panacea of the moneyed interests will not be observable.

F. E. Myers & Bro., Ashland, Ohio, received World's Fair Medals and Awards as follows:

Myers Farm Force Pumps, complete in mechanism, economical to users, and efficient tool, and has special merit.

Myers Hay Carriers, a new and novel combination, easy to operate, and efficient in purpose, and of good material.

Myers Hay Carrier Tracks, construction good, operation simple and satisfactory.

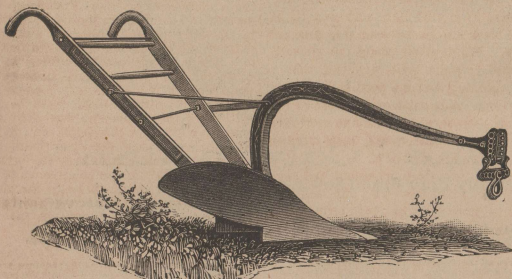
Myers Cyclone Tank Pumps. This construction of the best, efficient in operation and efficient in performance.

Myers Spray Pumps, good construction and workmanship, novel operation.

General Display, novel and artistic device for showing goods.

THE CANTON CLIPPER PLOWS.

The attention of our readers is called to the accompanying illustration of the Canton Clipper walking plow, as manufactured and sold by Parlin & Orendorff Co.,



Dallas, Texas. It is a known fact that there is scarcely an implement made that holds so sacred a place in the heart of the farmer as a plow. It is an indispensable part of his equipment for farming—a necessary evil, so to speak. Therefore when he purchases, his best judgment is called into requisition, and a selection made that it is hoped will not be regretted. There are also many good farmers who have used certain makes of plows with a certain degree of satisfaction, and who are likely to feel that no improvements can be made in so small a tool as a walking plow. To such we would remark that this is an age of improvements, and that the very least of farm tools receive the same consideration from the manufacturer as do the larger ones. In the manufacture of the Canton Clipper plow the greatest care is exercised in the selection of material, and none but the best enters its construction. The shape of its mould is peculiar only to the Canton Clipper, and for ten years it has received the enthusiasm of every purchaser in Texas.

The manufacturers only ask that in purchasing a plow you examine it care-

fully; and as it is fully guaranteed, can be purchased with entire safety. The Parlin & Orendorff Co's make of goods are deservedly popular, and may be found in the hands of the best dealers throughout the State, but if you should happen to live in a community where they cannot be found, a letter addressed to them at Dallas will be promptly answered with circulars and special introductory prices.

IKE STAFFORD GOT FIRST.

Deering and McCormick are spending lots of money trying to convince the public that each took the first premium at the Columbian Exposition. Suppose a committee at a fair awards a medal or diploma to an implement or machine, is it satisfactory evidence to any sensible farmer that said committee were more competent to tell him what is best for his own purpose than he is to examine and select for himself? As a rule, capturing a premium means no more than making a sale in a contest, and to the average farmer carries no greater weight, and very properly should not. Many years ago, the only fair of any consequence in this state was held at Houston, and each of the limited number of plow manufacturers then working the Texas trade were specially anxious to capture the first premium, and as a rule sent their most experienced men to operate their plows in the contest. Ike Stafford, one of the best known and most popular drummers in the state, had built up a reputation as a salesman of nearly everything except plows, and just before the opening of the fair had changed his line, and decided trying his talents at selling plows. While his experience with plows was just beginning, his knowledge of human nature was as mature as Methuselah's youth, and his desire for victory unbounded. The field trial took place in some raw-hide land in the vacant space in the center of the race track, and the other representatives were on hand with splendid teams, elegantly caparisoned, ready to show their plows off to the best advantage, and competent, too, to do it. Finally after everybody had concluded that Ike Stafford had decided to abandon the contest, a very common looking plow, drawn by an onery little mule, guided by a still worse looking African negro entered, and the judges announced, "Mr. Stafford's plow is here, and the contest may go on," and it did, but Ike Stafford seemed to be scarce and uninterested in results. The plowing went on, and some very fine work was done, and every now and then the committee would return from one of the buildings near by to test the draft and examine the work. But where was Ike Stafford? The committee's stays in the building near by grew longer, and their visits more frequent, until finally the allotted work was done, and the contestants awaited the committee's final examination and decision. But where was Ike Stafford

and the committee? Finally the committee returned, looking silently serious and fully determined. The committee examined, apparently, their notes, and finally the chairman said: "(Hic) which is (hic) Ike (hic) Staf- (hic) ford's plow? (hic) Tie the blue rib- (hic) bon on Ike's; it's the best plow, (hic) and we a- (hic) give it the ribbon, the medal, (hic) and everything else. Then the boys knew where Ike Stafford had been.

B. B. Gately, for many years representing B. F. Avery & Sons in Texas, has in connection with D. R. Malone, launched the Gately-Malone Implement Company, of Fort Worth. Ben has numerous friends in Texas who will wish the new firm success.

Students, Teachers (male or female), Clergymen, and others in need of change of employment, should not fail to write to B. F. Johnson & Co., Richmond, Va. Their great success shows that they have got the true ideas about making money. They can show you how to employ odd hours profitably.

STATE NEWS BOILED DOWN.

Local option prevailed at Woodville, on the 9th, by a majority of three votes.

Velasco is loading vessels with cotton seed products direct for Europe.

Complaint is made that wolves are increasing in McLennan county at an astounding rate. Two wolves last week chased a colt to the very edge of town. The increases attributed to barb wire fences, which prevents pursuit of the wolves.

On the Staked Plain grass is said to be in good condition for winter feed; that is it is nicely cured, and as the winters there are dry the grass keeps like hay, but still attached to the soil. It is very nutritious.

Martin Davis, four miles south of Bonham, got his right arm caught in the gin, and it was cut almost into mince-meat before the machine could be stopped.

Bonham has a large force at work on new waterworks.

Ex-Mayor Pendleton of Fort Worth, who left that city under sensational circumstances, tried New York and did not like it, and is said to have settled at Amarillo.

Some rascals south of Hempstead have resumed the business of stealing bales of cotton from the moving trains. One party to the theft would board a cotton train unobserved, and at the assigned place would throw the bales off, where a wagon and men were ready to haul the cotton away. In the latest transaction the section foreman trailed the wagon and found three bales hid out.

A large cotton seed warehouse belonging to T. Y. Goldsborough, at Ennis, collapsed last week from weight of cotton seed.

A glandered horse was destroyed "by due process of law," at Paris, on the 10th instant.

The new directory of Paris gives that city a population of 14,794.

Hon. Edgar Allen, Assistant Attorney General of the United States, is at Paris taking testimony to sustain the Government's claim to Greer county.

There was fire at Schumacher's oil mill, Navasota, Friday of last week. The storage house for hulls was destroyed.

Two cars of a cattle train on the T. & P. was derailed three miles south of Santos, Palo Pinto county, and about twenty head of beef cattle killed.

J. E. Humble, of Georgetown, a one-legged man, who uses two crutches, nevertheless, committed a double burglary, and is now in jail.

Whitcapes are charged with setting fire to G. B. Glichrist's fence, near Tyler, last week.

Boy burglars at Yoakum, last Saturday night, raided a jewelry store and got off with a market basket full of watches and other trinkets. The boys were captured and the property restored to the owners.

San Antonio reports a rainfall, on Sunday last, of 2.05 inches.

Grandly successful fishing is reported from Rockport and Corpus Christi.

Bandera has successfully bored for artesian water.

W. T. Carmichael, of Kirk, Limestone county, was called to his door on Tuesday night of last week and shot and instantly killed.

A large warehouse belonging to Matthews, Miller & Co., at Billinger, with 50,000 pounds of wool, 10 bales of cotton, 30 barrels salt, and 200 bushels of corn was burned last week.

A barn and slaughter pen, owned by Sam Johnson, at Greenville, a large amount of feed, forty hogs and two cows, were burned on Thursday of last week.

The gin of John Eubanks & Son, Mexia, was burned on Wednesday of last week.

Newcomb & Hudson shipped from Terrell to the Dallas packery a carload of hogs, last week.

The receipts of cotton by wagon at Waxahatchie, up to the 9th inst., amount to 25,583 bales.

Terrell will hold an election to determine whether a tax of one fourth of one per cent shall be levied to continue the public schools the full term of eight months.

Local prohibition went into effect at Garland last Monday, and there are no saloons there.

Three bales of cotton were stolen from the gin yard of W. H. Brooks, near Brushy creek, Kaufman county. No clew.

A negro named Paris, suspected as the murderer of Y. M. Langdon, in Dallas, recently, was arrested a few days ago at Lampasas, and while in jail attempted suicide. It is now stated that the prisoner has made a confession that he was hired

to kill Langdon by Langdon's partner in business, W. G. Parish, who was subsequently arrested.

The T. & P. depot at DeKalb was burned last Monday night.

A man looking for a location for a variety theater met only discouragement at Tyler. Good for Tyler.

A good flow of artesian water has been attained at Alvarado.

Melvin Waters, a crippled boy, of Lancaster, while out hunting shot himself accidentally, and is expected to die.

Weatherby's gin, five miles east of Bonham, was burned on Monday last. A large amount of cotton was also consumed.

R. McLain & Son's large flouring mill, at Seymour, was burned on Tuesday last.

The gin of Watson, Trent & Echols, in Hill county, was burned on Friday of last week.

A boiler explosion at the saw mill of the Hooks Lumber Company, on the Sabine, killed six men and wounded several more.

Snow was reported on Monday last all over the Texas Panhandle.

LOCAL AND GENERAL MARKET REPORTS

[Carefully corrected from the most reliable sources up to Thursday of each week.]

Galveston Cotton Market.
Galveston, Nov. 15.—Spot cotton closed quiet.

Low ordinary	6 3-16
Ordinary	6 11-16
Good ordinary	7 1-16
Low middling	7 7-16
Middling	7 11-16
Good middling	7 15-16

Grain and Feed-stuffs.

Quotations below are on grain from store.
Corn—Wholesale, 50c per bushel in sack; retail, 55c; in car 30c per bushel.

Oats—Sacks, 37c per bushel in car lots; 30c per single bushel.

Wheat—77c per 100 lb in car lots; retail, 85c per 100 lb.

Hay—Loose, local, \$8 50@9 00; best prairie hay, baled, \$7 50 per ton; in carload lots, f. o. b., \$9 00; small bales, best, 45c; best Forney, \$7.50 per ton in carload lots.

Farm Seeds—Dallas Retail Price.
[These prices are carefully corrected from actual transactions on the foregoing date.]

Alfalfa, per lb 30c, free by mail; per peck \$3; per bushel \$7.50.

Amber cane seed, per lb 15c; per bushel \$1.00.

Red Kafir Corn, by mail, per lb 30c; peck, 75c; bushel \$2.50.

Milo Maize, yellow or white, per lb 15c; bushel 50c.

German millet, per pk 40c; per bu, \$1.25.

Timothy, per lb 20c; peck 50c; bushel \$3.

Evergreen Broom Corn, best, per lb 15c; bushel \$1.50.

Wheat—Buyers are paying: No. 2, 50. No. 3, 48-50c f. o. b., at Dallas.

Dallas Wholesale Produce Market.

[Corrected weekly for TEXAS FARM AND RANCH, by JACKSON BROTHERS, Wholesale Fruit, Produce and Commission Merchants, Dallas, Texas.]

Chickens—small, 2.00@2.25 per doz.; Chickens—large, 2.25@2.50 per doz.; Hens—small, 2.25@2.50 per doz.; Hens—large, 2.50@2.75 per doz.

Eggs—fresh, 17@17 1/2c.

Ducks—average, 2.25@2.50 per doz.

Turkeys—hens, 4.00@5.00; gobblers, 65@80c.

Butter—fresh, 16@17c per lb.

Potatoes—New, 85c@90c.

Cabbage—Northern, 2 1/2c.

String beans 80@90c per bushel.

Beans—Navy, 3 1/2c @ 4 1/2c per lb; Lima, 4 1/2c.

String beans—45 @ 75c per 1/4 bu. box.

Onions—2 1/2 @ 3 1/2c per lb.

Apples—4 50@5.00 per bbl.

Grapes—40c per 8 lb basket.

Pears—2.00@2.50 per bu.

Hides and Wool.

Hides—Buyers are paying: Dry flint, heavy, 50c; light, 50c; dry salt, 45c; gr. salt, 45c; butcher's green, 30c.

Wool—Light medium, 15@16c; low medium, 14@15c; fine, 12@13.

Horns, hoofs and bones—\$5 00 per ton, delivered.

A WINTER RESORT.

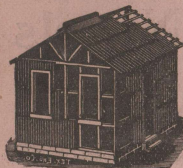
Waco Becoming the Home of the World's Health-Seekers.

From Dallas News.

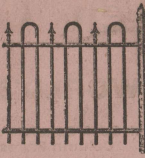
Waco, Tex., Nov. 11.—Sheltered by a mountain range on the north and liberally planted in trees along the streets and in several parks, Waco is better protected from cold winds than any other city in the South. The discovery of some particular attraction was all that was necessary to start the movement of increasing population of the better classes, and that discovery came in the Hot Wells from which 12,000,000 gallons of water are probably water gush daily at a temperature of 103 degrees Fahrenheit. The water is the sole supply of Waco for all purposes, its use has decreased the death rate 8 per cent, and is still reducing it.

As the consumers increase the wells are multiplied accordingly, for it has been demonstrated that the supply, 1850 feet below the surface, stored from the world's beginning for progressive man's use is without limit. For hot baths in treatment of gout, eczema, rheumatism and kindred complaints the water of the Hot Wells of Waco is unrivaled. It heals. The institutions for treatment are commodious, comfortable, and adapted to general wants. The plain and the fastidious can alike be suited.

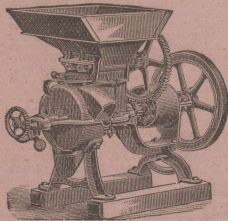
CRIB * YOUR * CORN
IN ADAM'S PORTABLE CORN CRIB.
 Shipped rolled up in a bundle. — Easily and quickly adjusted.
CHEAP, DURABLE, CONVENIENT.
 FULL PARTICULARS IN CATALOGUE SENT FREE.
W. J. ADAM, JOLIET, ILLINOIS.



O. K. HARRY IRON WORKS,
 DALLAS, TEXAS,
 MANUFACTURERS OF
**Corrugated Iron and
 Steel Roofing,
 Iron and Steel Fencing**
 —AND—
HAY BALE TIES.
 Send for catalogue and discount.



THE IMPROVED SCIENTIFIC MILL.



ONLY SUCCESSFUL SHUCK AND COB
 GRINDER HAVING CAPACITY ON THE
 MARKET.

This Mill is now a grand success. Com-
 bines capacity and durability. Do not hesi-
 tate to adopt it. Descriptive circulars free.
 Fully guaranteed by

KEATING IMPLEMENT & MACHINE CO.,
 STATE AGENTS,
 DALLAS, -- TEXAS.

CANTON Steel Beam MIDDLE-BREAKER

For several years there has been a growing demand for an implement of this
 kind. After thoroughly investigating and making exhaustive experiments,
 we have adopted one which is sure to meet with great success, having en-
 tirely overcome the objectionable features found in all others. We have
 the **Famous Black-land Mould-BOARD**, as used on our CANTON
CLIPPER WALKING PLOWS, and which is
 acknowledged by even our competitors to be the
 best on the market. There is also more
Throat room under the Beam than will
 be found on any other, en-
 abling the plow to straddle
 a row of Cotton or Corn
 stalks without **whol-**
ing. The device for steadying the plow is a marvel of sim-
 plicity, creating less friction than on any other, and is ad-
 justable to suit the will of the operator. We can safely say
 that we have the **strongest and lightest draft**
Middle-Breaker on the market, and we commend
 it to the care of our customers and friends with
 our usual guarantee. **WRITE FOR CIRCULAR.** We manufacture all kinds of **Clang**
Flows, Disk Harrows, Steel Harrows, Stalk Cutters, Canton Clipper Plows, and are
 State Agents for the world-renowned **Superior Grain Drills, Mowers, Hay Presses, Pitta**
Thrashers, Wagon Scales, Sweep Rakes, Sorghum Mills, and Evaporators, Buggies,
Carriages, Carts, Harness, Bait, Cooper and Olds Wagons. Write us for your wants.
PARLIN & ORENDORFF CO. Mfrs. DALLAS, TEX.

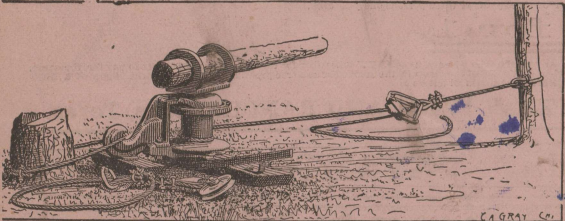
HUNTER & BOOSO,

172 Elm Street, DALLAS, TEXAS,

Engines, Boilers, Machinery and Supplies,

Cotton Gin Outfits, Wrought Iron Pipe and Fittings,
 Steam Cotton Presses, Brass Goods and Fittings,
 Steam Pumps and Injectors, Rubber and Leather Bolting,
 Electric Generators and Motors, Ventilating Fans and Electric
 Supplies of Every Description.

THE WORLDS CHAMPION GRUBBING MACHINE



This machine is simple, strong and durable in all its parts. It clears up an area from 150 to 300
 feet in diameter, according to length of cable, at one setting, and can be moved with team and re-set
 in two to five minutes. The stump in cut represents the anchor that holds the machine in place.
 The hitch is for cable, lock for spool lever for throwing in and out of gear, giving and taking up
 slack, are all simple and sure. It is provided with a three-fourths steel cable, 37 tons strength. It
 will pull green timber up to 12 inches diameter without any cutting of roots, and in some soils much
 larger. Like other work, much depends on the men and their chance to get at the stuff to be
 pulled. It makes a pull in 1 to 3 minutes. In open timber one of our men pulled 22 trees, from 4 to
 10 inches in diameter, with a single hitch in 3 hours, or an average of one every 2 minutes. We have
 appliances for all kinds of pulling. For prices and terms apply to

MOHME & KRAMER, 113 Bridge Street, WACO, TEXAS.

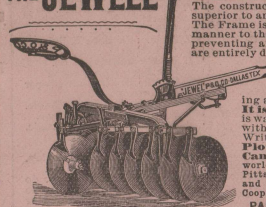
GREAT FRUIT BELT.

We have improved and unimproved fruit farms for sale in the Coast Country. For full information
 address or call on
DURANT & GOAN, ALVIN, TEXAS.



ALCOTT & MAYNOR,
 DALLAS, TEXAS.
ORGANS,
Hardman, Gabler and Schubert Pianos.
 Write for prices and terms. We will save you money.

THE JEWELL STEEL FRAME DISK HARROW



The construction of the Jewell with Centre Cut makes it far
 superior to any Harrow ever presented to the Farmers of Texas.
 The Frame is made of T shaped steel, curved down in a graceful
 manner to the supports for the frame at the journal bearings, thus
 preventing any undue strain on the frame. The Journal Bearings
 are entirely dust-proof and provided for oiling in a most convenient
 manner. There is absolutely no end thrust to wear
 on the wearing bearings. The Centre Cut is the great-
 est of all improvements, and disposes of that objec-
 tionable feature found in most disk harrows, of leav-
 ing a ridge in the centre. It is entirely without side draft.
 It is all steel, does perfect work, runs perfectly level and
 is warranted as represented, or money refunded. Furnished
 with full or half length force feed seeders when so ordered.
 Write for circular. We manufacture all kinds of **Clang**
Plows, Disk Harrows, Steel Harrows, Stalk Cutters,
Canton Clipper Plows and are State Agents for the
 world-renowned **Superior Grain Drills, Mowers, Hay Presses,**
Pitta Thrashers, Wagon Scales, Sweep Rakes, Sorghum Mills
and Evaporators, Buggies, Carriages, Carts, Harness, Bait,
Cooper and Olds Wagons. Write us for your wants.
PARLIN & ORENDORFF CO., Mfrs., DALLAS, TEX.

Cancer Institute.

DR. J. B. BOYD, President.
DR. W. W. ALLIN, Vice-President.
E. MONT. REILY, Secretary and Manager.
JNO. S. BERRY, M. D., Medical Director.

The "Balmy Columbian Oil Remedy,"

OF FORT WORTH, TEXAS.

The Wonder of the Age for the Treatment of CANCER,

Rheumatism, Neuralgia, Catarrh, Fistula, Salt Rheum, Whit's Swelling, Sould Head, Tumors, Eczema,
 Ulcers, Sore Eyes, and all Female Complaints. Applied to parts affected, they work as if by magic.
 The most obstinate Tumors and malignant growth yield to their penetrating and absorbing powers.
 After destroying the malignancy, these delight'ul balmy oils soothe, refresh, heal, and restore the
 sick to health.

CONSULTATION AND EXAMINATION FREE.

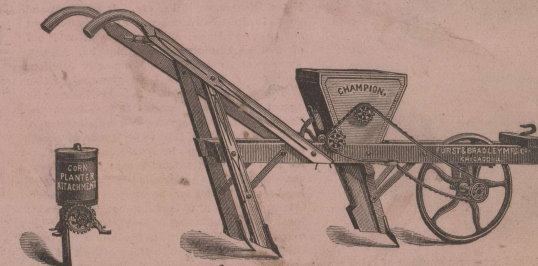
We refer by permission: FORT WORTH GAZETTE, STATE AND AMERICAN NATIONAL BANKS,
 MAYOR B. B. PADDOCK, CITY MARSHAL J. H. MADDOCK, Fort Worth, Texas. Add'ess
E. MONT. REILY, Secretary and Manager, Fort Worth, Texas.

Cut this out and send to some afflicted friend.

CANTON CLIPPER PLOWS

In presenting to the farmers of Texas an illustration of the CANTON CLIPPER,
 we say without fear of successful contradiction that it is the **Best in the**
world for our Texas Black, Waxy Soil. Has no superior for sandy land.
 Our statement is based upon a **spotless record of seven years in Texas.**
 The black soil of which is acknowledged to be the most difficult in the
 World to handle. Nothing but the very best
 Soft Center Steel is used in our Mould Boards.
 (Many of our competitors are using ordi-
 nary plowshare steel in Mould Boards
 which is soft and has no
 scouring qualities). We
 have good space between
 bottom of handles, al-
 lowing dirt and trash to
 pass through without
 choking. All Taps on
 bottom are set high, pre-
 venting the bottom from
 filling up and causing plow to run out.
 Above all we give you **honest size and**
ample weight, which is absolutely
 necessary to a perfect black land plow.
 Many makers of plows are actually swindling the farmer by giving dishonest sizes; for instance,
 they take a regular eight-inch plow and spread the point to measure nine inches and sell it
 you for a nine-inch and charge you for the price of a nine-inch plow, when in reality you are getting
 an eight-inch. This explains why the CANTON CLIPPER will cost you a little more than many
 other plows. We do not guarantee them to scour in Black Land, but the turn of the mould peculiar
 only to the CANTON CLIPPER, and the high grade of material used, render them capable of
 carrying less dirt and come nearer scouring than any other plow made. **Ask your dealer for them**
and take no other. If you can't get them of him, write us direct. Mention this paper for special prices.
PARLIN & ORENDORFF CO. Manufacturers and State Agents, DALLAS, TEXAS.

THE CHAMPION COTTON AND CORN PLANTER.



This cut shows the old and reliable Champion Cotton Planter with the Independent Rotary
 Metal Corn Drop Attachment. We carry in addition to it the New Champion Combined Planter
 with Cotton and Corn Drop in one Box. The Corn Drop used on this new Planter is the same as the
 Drop used in the top of Independent Rotary Metal Corn Drop Attachment for the old machine.
 Write for prices and descriptive circulars.

KEATING I. & M. CO., Dallas, Tex.