

SPECIAL SWINE EDITION.



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DALLAS, TEXAS, MARCH 2, 1895.

WEEKLY. \$1 A YEAR.
5c a Copy.

PIETERJE 4TH.

On this page appears a cut of the famous Holstein-Friesian cow Pieterje 4th, one of the noted Crumhorn herd owned by Hon. D. F. Wilber, Oneonta, N. Y. Pieterje 4th, in addition to being a noted show animal, has the phenomenal butter record of 26 pounds 14 ounces in seven days; 104 pounds two ounces, in thirty days; 200 pounds 9 ounces, in sixty days, and 453 pounds in one hundred and fifty days. Her dam Pieterje 2d, holds the world's yearly milk record, viz: 30,318 pounds 8 ounces, in 365 consecutive days. Such records as these are what has brought Holstein cattle to the front as the best of all the dairy

than the close-wooled ones, but with all it is necessary to keep a look out for them.

In estimating the expense of wintering stock, the value of the moment is too often lost sight of.

If considered best to sell off the sheep, fatten and sell for good mutton rather than to sell as stock sheep.

If the ewes are to bring early lambs, it is very essential to give them some grain through the winter.

In reasonable quantities the feeding of grain to sheep will make their wool grow faster and more dense, so that a heavier fleece will be secured.

The flesh of the sheep partakes of the flavor of its food more than that of any

sick sheep in a flock, as it will appear listless and stupid, and will separate itself from the rest of the flock, and lie out by itself—something no other sheep will do as long as it is well.

The secret of success in stock raising is superiority of product. In order to make sheep raising profitable, it is very essential that a superior quality of wool or mutton should be produced.

The quality of the wool is greatly affected by the condition and keep of the sheep. Wool exposed, while growing, to different degrees of temperature, to cold rains and intensely hot suns, is sure to be hard and harsh.

The coats of all well bred animals, when they are fed and housed in a warm

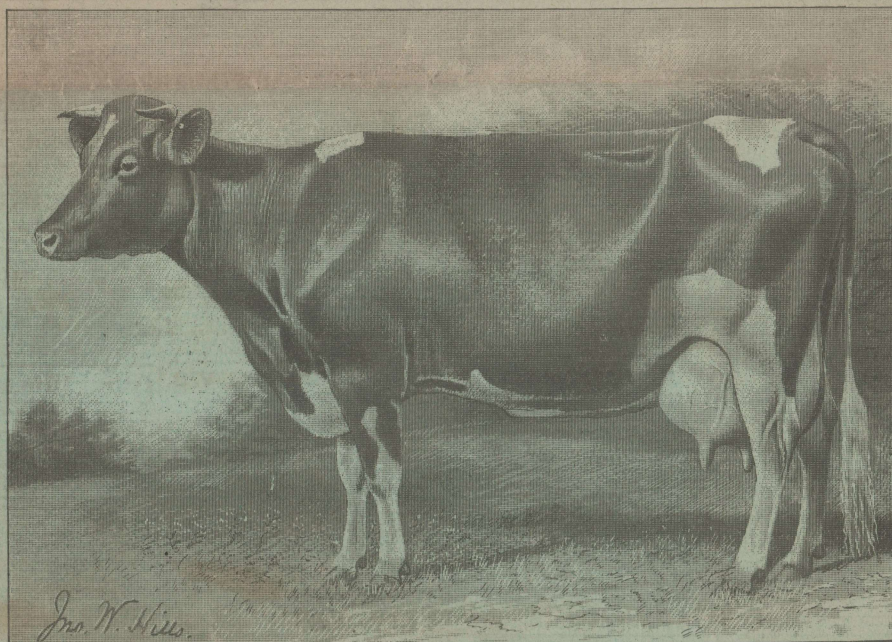
ing so many good ways out of the difficulty by the way of the ballot-box. Say Mr. Editor, when do you think they will succeed by that means.—W. W. J., Oscar, Texas?

EXPERIMENTS IN KEEPING IRISH POTATOES.

JAMES CLATTON.

A small crop of Burbank seedling potatoes was planted on the grounds of the Texas Experiment Station to make a test of some different methods of keeping.

The land was prepared, fertilized, and planted and cultivated in the usual crop method. The potatoes were dug



breeds. Crumhorn is particularly fortunate in having among their cows so many world beaters, and its record at the World's Fair, and other prominent shows, has been very gratifying to their owner.

SHEEP NOTES.

N. J. SHEPHERD.

With mutton sheep the profit lies in securing the best weight in the shortest time.

Good, young, thrifty ewes will prove a good investment to the farmer who has plenty of feed.

In breeding, aim at entirely one type, or class of sheep, and dont change every year.

Ticks are more liable to infest the fleeces of the long, open-wooled sheep

other animal. On this account it is important that good care should be taken in the food given the fattening sheep.

With both wool and mutton the full value can only be obtained by sending to market in the best condition. If there is any difference, the marketing of poor mutton is the poorest economy.

As a rule, the sheep that is sold for mutton, simply because it is not worth keeping on the farm, and no particular pains are taken to feed in a good condition, is not calculated to increase the consumption of mutton.

One decided advantage with wool is, that it is a product that will bear transportation a considerable distance to market, and with the farmer that is away from market this is often quite an item.

It is comparatively easy to detect a

barn well protected from storms and cold, become soft and silky, while if not well fed and exposed to cold and storms, their coats become hard, and lusterless, and brittle, and the coat of the sheep is no exception to this.

Eldon, Missouri.

I think it would be one of the best things that ever happened to Texas, if her farmers would appropriate their campaign funds to some good. We say for instance they would subscribe for and read TEXAS FARM AND RANCH and then appropriate the valuable information derived by reading said paper, to their own special use. Wouldn't there be a radical change? Texas would get another boom on, and one that would be better felt than told. Is it not amusing to see our farmers fretting and suggest-

on June 26th, just as the vines were beginning to turn yellow. For the keeping test 130 pounds, average sized tubers were selected, and on June 29th placed in bins of 26 pounds each, and treated as follows, and allowed to remain undisturbed (except the removal of the rotten potatoes at intervals by hand picking), until October 3d.

No. 1. Sprinkled potatoes with slacked lime. From this bin several rotten potatoes were removed at intervals, and when weighed on October 3d, 73 per cent were sound and in very good condition, though a little shriveled.

No. 2. Sprinkled with 2 pounds flour of sulphur; nine potatoes lost by rot; 69.2 per cent sound October 3d, but soft and shriveled.

No. 3. Sprinkled with 6 pounds of road sand. Eight rotten potatoes; 74.2

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Famous Texas Coast Lands.

800,000 acres in tracts of twenty acres and upwards. Thirty miles frontage on Coast. Healthy climate. Fine vineyards and vegetable farms on the land. 1870 acres sold to twenty-two farmers within six weeks. Prices low. One-fifth cash, balance long time. Special inducements to colonies. 125 AGENCIES IN 24 STATES. PROPOSED COLONIES SEEKING LOCATIONS. SEND PARTICULARS OF YOUR LANDS TO

JAMES ANDERSON.

San Antonio, Texas.

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A beautiful tract of well drained rolling land, fronting on Buffalo Bayou, and on line of LaPorte, Houston & Northern Railway; contains 250 acres, perfectly situated for sub-division. An excellent opportunity for capital. Will be sold in a body, at reasonable price and terms, if sold soon. Investigate this. WM. A. WILSON, JR., 383-384 Klam Building, Houston, Texas.

HARRIS COUNTY LAND FOR SALE.

631 acres of fine prairie land to be sold at once, located about twenty miles northwest of Houston, in Harris county, near the town of Klein. The land is all ready for cultivation. No grubbing or clearing necessary. We will sell the whole or part of the land at \$5 per acre. A thick German settlement surrounding the land. Terms, 1/3 cash, balance one, two and three years, 5 per cent interest. Address JOHN B. VINSON & CO., Real Estate and Loan Agents, P. O. Box 650, Austin, Texas.

10 Acres in South Texas, properly handled, will produce more than the best 100 acres in any part of the country. The richest prairie in the Union, adjoining Missouri City, 15 miles west of Houston, the great railroad center, at \$8 per acre up. Hulen Park, almost adjoining the famous Stringfellow orchard, the great and the most beautiful place for sale on your own terms. We have bargains in all parts of the Coast Country. Call or write for maps and farm facts. Cash & Luckel, 306 1/2 Main St., Houston, and 421 Tremont St., Galveston.

A BARGAIN.

1718 acres in Coleman County, in the rich and fertile Jim Ned Valley; new wire fence; 260 acres in cultivation; never failing water; finest grass in Coleman County. This is a magnificent place, and price and terms are on the bed rock principle. Write for terms and be convinced. Address T. L. LYNCH, Box 723, Austin, Texas.

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GOV. J. S. HOGG

Advise every patriotic Texan to own his home. For information how to buy bargains on most favorable terms in black lands, wheat lands, fruit lands, Coast Country lands, pine lands, mill sites, tobacco lands (There is a secret about these, out of which more money is going to be made, on the capital and labor invested, in the next few years, than any industry in Texas. Big money or little money can be made in them, and if you do not take them from you promptly, I will tell you how to do it), address J. S. DAUGHERTY, Box 71, Houston, Texas.

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And your expenses paid to see the land. You can go on the land and work it. I will take a small cash payment and give plenty of time to pay out. Why be a tenant when you can get a home of your own? All I want is a little cash and plenty of muscle and you are all right. I will take you to the land, where you want it, and how much you can afford to pay, and I can fix you up. If you buy from me, I will pay railroad fare to look at land. Address T. L. LYNCH, Box 723, Austin, Texas.

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I have for sale, at a fair price and on terms to suit a responsible purchaser, a 220-acre farm, within one mile of this city, that has fairly good improvements, cisterns, well, springs and running creek water, wood and a beautiful pecan grove just beginning to bear. Good houses, barns, fences, etc. Hills is the banner county, and Waxahachie (the county site) the best town in its area in Texas. Especially suited for dairymen, the stock, or fruit and vegetable farming. Address OSOR GOODWIN, Waxahachie, Texas.

FARMING AND STOCK GROWING.

Raising feed for cattle and hogs, paid big for 1894, and will for 1895. I have two 540-acre farms, one in land in eastern part of Baylor County, Texas, 14 miles east of Seymour, 30 miles west of Wichita Falls, 5 miles from station. On one tract is one small house and 150 acres cultivated, 100 acres now in wheat; on the other, 150 acres farmed, 100 now in wheat; three to five tons per acre of sorghum. Kamr or Jerusalem corn grows every year, wet or dry. For sale, or will exchange for good black land. I'm no stockman. My land is free from stock. Address A. M. SMITH, 1121 N. 10th St., Ft. Worth, Texas.

and Cotton
Some betterments have been made in the amount of seed to be dropped. It is now proved to plant more evenly than planting thin, but not to top the crop. For complete information, send stamp for a copy of the new government land, and how to take a claim. Price, 25 cents. Address THE SAMPSON PUBLISHING CO., Duncan, I. T.

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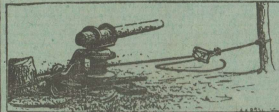
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Gravel, 2 and 3 ply Prepared Roofing, Building and Sheathing Papers, Coal Tar, Pitch and all kinds of Roofing Material. Cress ote 04H prevents decay, destroys and prevents mites in chicken houses, and all kinds of insects and vermin. Health and protection. Cheap and easy to apply. Honorable dealing. prices right. Write before you buy.

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Simplicity, convenience and speed without additional cost. Pulls trees 12 inches in diameter. Has 75-foot reach. Will pull at 150 to 200 feet with addition cable. Simple and sure connections for new or broken cable, utilizing all pieces. As you near the puller you can drop off all cable not needed instead of winding it on the spool.

Any blacksmith can make these connections and any hand can put them on without tools or loss of time. Descriptive Catalogue with prices and terms on application. Address

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McEWEN ENGINES, PHILADELPHIA CORLISS ENGINES, ROYAL ALTERNATING DYNAMOS, KESTER MOTORS AND DYNAMOS.

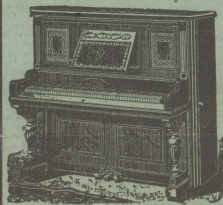
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SIMPLE, RELIABLE AND EFFECTIVE.

NO SPIKE BELT DISTRIBUTOR.

No mechanical device of any kind to carry cotton from the wagon to gin feeder.

SUCTION IN ITS SIMPLICITY.

NO EXPERIMENT, BUT A GRAND SUCCESS.

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The pump is direct steam, its power nearly double that necessary to pack a heavy bale of cotton.

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NEW SYSTEM IN ACTUAL OPERATION

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FIRST COST IS NOT THE WHOLE COST.

A mistake in the selection of your machinery will entail LOSS instead of PROFIT, which suggestion is fully appreciated by the practical ginner.

Consult your interest and correspond or call on

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THE TEXAS COAST is being settled more rapidly than any part of the U. S. Rainfall is ample. This is the home of the pear-over \$5,000 being realized on 15 acres. This is unsurpassed for strawberries, early vegetables, cotton, sugar cane. For more information write to RICHARDSON & SHILBY, Alvin, Texas.

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\$15,000, City Property to exchange for Western Lands. J. E. HORNE, REAL ESTATE AGENT, 100 S. 5th St., Waco, Texas.

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A large and complete list of Texas Coast Lands in tracts ranging in size from 10 to 10,000 acres, non-taxable until 1901. Alvin, Arcadia and Hitchcock towns and suburban property. TOLAR & GINTY, Managers, Alvin or Arcadia, Texas.

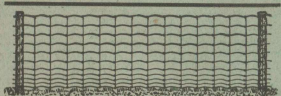
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For Sale--CHOICE FARM LANDS CHEAP.

We have a number of highly improved Farms and Ranches for sale; also fine bodies of grazing lands in the black waxy belt for sale. These lands having been reclaimed under fore-closure, will be sold very cheap and on most reasonable terms. Write or call on us at once.

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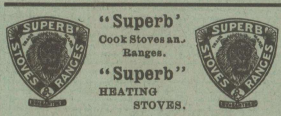
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PAUL A. WIRE FENCE CO., Adrian, Mich.



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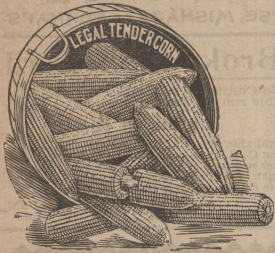
EVERY STOVE GUARANTEED.

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LEGAL TENDER SEED CORN.

The Legal Tender corn is an exceedingly fine thoroughbred yellow dent variety of large size, and even color. There is hardly a variation in the shade of a large crib containing several hun-



dred bushels as seen at Livingston's Seed Store, Des Moines, Iowa. The grain is very deep and glossy, not inclined to be flinty and is firmly set on a soft red cob. Ears have very straight rows numbering as high as twenty-two in a great many specimens. The corn is right in size, being as large as it is safe to grow in central Iowa; it is right in color, being an even rich glossy yellow; it is right in depth of grain, being from one-half to three quarters of an inch. It's worth a liberal trial. Sample grains and a catalogue will be cheerfully sent to any one interested. Address Livingston's Seed Store, Des Moines, Iowa.

Our readers should not fail to read the "Free Spray Pump" advertisement of A. Speirs, B 75, Windham, Me. This concern has manufactured Spray Pumps since 1881 and has agents all over the world but they want more. They offer a big chance these hard times to make money. They give a double action pump to their agents.

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Gentlemen: If the Weather Bureau is going to establish regular three-year drouths such as we have just passed through, I am more than ever confirmed in my intention to use your seeds exclusively.

In the planting seasons of 1892-93-94, with me, they have germinated so freely and possessed such vitality as to establish crops that the succeeding dry months of summer have failed to seriously injure, and I have realized that crops well begun were more than half done. I shall continue using your superior seed.

(Signed) B. R. BONES, Gardener, Racine, Wis.
[See adv. of this reliable firm in this paper.—Ed.]

THEIR 50TH ANNIVERSARY.

"None but the best will last," is a truism that never fails. When a firm retains its patrons and increases their number there is no gainsaying the fact that its goods are right and its dealings honorable.

An instance of this kind is the present 50th anniversary of the Plant Seed Co., of St. Louis. Their name is, in certain sections, as widely known in connection with seed as is Edison's in connection with electricity. If you are looking for money-making, warranted seeds and plants, look between the covers of their handsome new catalogue, which will be mailed upon application to the plant seed Co., 812 and 814 N. Fourth St., St. Louis.

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Were grown by John L. Rath, East Saginaw, from one pound of seed. This tremendous yield, at the rate of 1048 bushels per acre, Mr. Rath says was only possible because he used Salzer's seeds. We understand that Mr. Salzer's seeds are the earliest in the world, especially his beets, carrots, cabbage, cucumbers, onions, peas, corn, radishes, tomatoes, etc., and that he sells to market gardeners and farmers at lowest wholesale prices.

IF YOU WILL OUT THIS OUT AND SEND IT with \$1 money order to the John A. Salzer Seed Company, La Crosse, Wis., you will get free thirty-five packages earliest vegetable seeds and their wonderful catalogue, or for 13 cents in stamps a package above PRIZE DANVERS' ONIONS and catalogue free.

FOR SALE. Clean, pure Red Kaffir Corn seed delivered promptly on board cars.
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Our farmer friends, you know you greatly lessen your risks when you buy Seed directly from the grower. We raise seeds of the earliest Sweet Corn, the earliest and best Peas and Bush Beans, the best earliest and best late market Beets, the best Cucumbers, the best of the earliest and latest Drumhead Cabbages, the earliest of all the Wrinkled Peas, the best Dwarf and decidedly the best of the Marrowfats, the best early and late Squashes, the best market Carrots, the earliest Red and the very best of all the Yellow Onions. We offer these and numerous other varieties, including several valuable new Vegetables, in our Vegetable and Flower Seed Catalogue for 1895.

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35 Packages EARLIEST VEGETABLE SEEDS, Postpaid, \$1.00.

BRL \$2.50

YOU Have often seen seed come up poor and sickly, without sufficient vitality to produce a crop—that was an object plant Salzer's Northern Grown Seeds, for garden or farm, the secure changes as if by magic. Instead of poor yields you at once get rousing crops, crops that will gladden your heart and fill your purse, for Salzer's Seeds are full of life full of vigor, full of producing qualities.

\$300 FOR A NEW NAME.

That is the sum we pay for a new name for our new Out. It is the greatest Out of the century. Buy this out and you cure hard times. See Catalogue.

TREMEMDUS STOCKS OF Barley, Corn, Oats, Peas, Wheat, Fodder Plants, Potatoes, Grasses and Clovers, in fact, our farm seed list is the most complete offered in America.

SPLENDID VEGETABLES. Large selections, many splendid sorts. Everything cheap. Onion Seed at \$1 per lb. 35 pkgs. Earliest Vegetables, only \$1, postpaid; 10 pkts. Flower Seed, 25c. 1,000,000 Roses, Plants and Small Fruits, hardly as Oats. Send 2c. for Market Gardener's Wholesale List, or send 10c. for Mammoth Seed and Plant Book, 144 pages, or send 10c. for Seed Book and sample above \$500 Out.

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"GIANT BEGGAR-WEED." Improve your lands; sow in Beggar-Weed; better than guano; improvement is permanent, and at comparatively no cost. For price of seed, also all varieties of watermelon seed and Wonderful Peas, write to W. M. GIRARDEAU, Monticello, Fla.

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Mayes' Hybrid Blackberry.

The Largest, the Earliest, the Most Productive Berry. No disease. Write for Descriptive Circular and Price to DR. A. M. RAGLAND, Pilot Point, Texas.

ACRE APPLES \$1.493 Write NURSERYMEN, Louisiana, Mo. for free sample copy telling about it. A practical Fruit and Farm paper, published by Stark Bros., 4000 a year circulation 40,000 copies. The "Cream of the Cream"—gives the busy Fruit Grower or Farmer, who hasn't the time or money to buy and read a great mass of papers, what he best from them all, what he wants to know.

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Triumph and Crown Jewell Seed Potatoes, Onion Seed and Seed, Sugar Cane, German Millet, Artichokes, Broomcorn, Stock Peas, etc. A full line of other seeds. Send for catalogue to GANNON & NICHOLSON, (Texas Seed & Floral Co.) DALLAS, TEXAS.

SEEDS.

1000 bushels Broom Corn—Dwarf and Evergreen, 1000 bushels Sugar Cane Seed, 1000 bushels Millet, 1000 bushels Alfalfa, 400 bushels Onion Seed, 3 cars genuine Triumph Potatoes, 1 car Early Northern Field Corn, 1 car Garden Seeds, 1 car Jerusalem Artichokes, 1 car Garden Peas and Beans, 1 car Seed Oats, Canals, Hubbard and Asparagus Roots. Onion Seed, all varieties \$1.50 per pound. Catalogue free. BOLDWYN & CO., Seed Merchants, Dallas, Texas.

Galveston Nursery & Orchard Co., DICKINSON, TEXAS.

Marianna budding stock. Citrus trifoliata budding stock. LeConte and Kieffer on their own roots. Contracts taken either for budding or growing budding stock.

FRED. W. MALLY, Manager.

Choice Pecans Wanted

In any quantity up to 5,000 pounds. Send samples and prices by mail.

We have the largest, best, prettiest and most prolific field corn known. Our "Farmers' Pride," highly improved by us 25 years, shells over one pound to ear. Pure white, kernels nearly an inch long, weighs 60 pounds to bushel. \$100 for sample of better corn. Send for circulars. Address Carolina Seed & Pecca Co., Ivanhoe, N. C.

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Telling WHAT TO PLANT and WHERE TO PLANT IT, AND HOW TO HAVE

Fruit, and Plenty of it, In Any Part of Texas.

E. W. KIRKPATRICK, MCKINNEY, TEXAS.

Seed Sweet Potatoes.

Vineless Yam at \$1 per bushel measure. An extra fine table potato and a great yielder on both black and sandy soil. Arkansas Beauty at \$1 per bushel measure. Another fine table potato. Cook soft, meaty and sweet. Show white, rich yellow skin. It is also a great yielder. P. O. Box 16, Dallas, Texas.

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MOST RELIABLE MADE FOR

COTTON, CORN AND VEGETABLES.

Pure Ground Bone, ACID PHOSPHATE, Kainit, Etc.

Standard Guano & Chemical Manfg. Co.

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Write for Almanac and Price List.

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A whole Vegetable GARDEN FOR 20c

up so easy. "Mrs. Hen. 14 Packets postpaid. Cheaper than eating bacon all summer!"

HERE is the list: 1 pkt. Radishes, 6 kinds, mixed; 1 pkt. Lettuce, Big Boston; 1 pkt. Beet, Vaughan's; 1 pkt. Squash, Delicata; 1 pkt. Onion, Vaughan's; 1 pkt. Pumpkin; 1 pkt. Melon, Delmonico; 1 pkt. Cucumber; 1 pkt. Japanese Climbing; 1 pkt. Parsley; 1 pkt. Parsnip; 1 pkt. Turnip; 1 pkt. Pot; 1 pkt. Tomato, Red and Yellow, mixed; 1 pkt. Carrot, Half Long; 1 pkt. Oyster Plant, Mammoth. Total 14; also FREE, if you mention this paper, one mixed pkt. of our World's Fair Sweet Peas and Panicles. The quality of our seeds and the quantity in the packages will be held to our regular standard as before. No cash prices or letters. We give real money value, each day in this "hard times" collection.

43-OUR SPECIAL BARGAINS for 25 cts.

No. 1-5 Good Bees in colors, 25c.
No. 2-4 New Prize Chrysanthemums, 25c.
No. 3-15 Pkts. Flower Seeds, assorted, 25c. (Best collection in America.)

No. 4-10 Spring Bulbs, all different, 25c. with Tuberoses and Gladioli. Order by number.

Our wonderful Goose Flower Plant, too.

Our BIG BARGAIN CATALOGUE is just a little better than some others. WE SELL MOST KINDS OF SEEDS AT 5 CENTS PER PACKET, half price of others. Our Catalogue is expensive, but we mail it free with every order. Write today, east or west, prompt service from the two great centers. We surely save you money.

VAUGHAN'S SEED STORE, NEW YORK, 26 Barclay St. 85 State St., CHICAGO.

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STAHLE'S Exclusive Spraying Outfits kill insects, prevent leaf blight and wormy fruit. Insure a heavy yield of all Fruit and Vegetable crops. Send 6c. for catalogue and full treatise on spraying. Circulars free. Address: WM. STAHLE, Quincy, Ill.

Corn Mills FOR MEAL OR CHOPS.

Lowest prices. SIMPSON, HARTWELL & STOFFLE, Houston, Texas.

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Horse high, bull strong. Wire and chicken light. Make it yourself for 13 to 20¢ per foot. 30 to 40 rods a day. Catalogue free. KITSUMAN BROS., Ridgeville, Ind.

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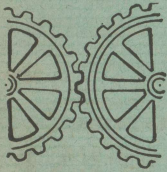
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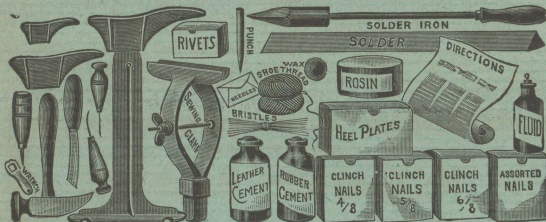
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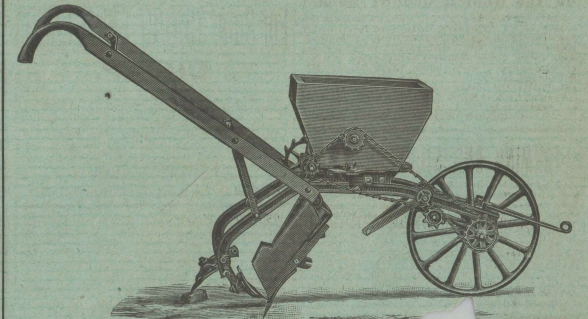
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 Sets for about the same as an ordinary drag—\$8 and upwards. *N. B.—I deliver free on board at distributing points.*

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 (Mention this paper.)



Henri: What did you say we would catch?
 Uncle Steve: Rock!
 Henri: Oh yes, I see!

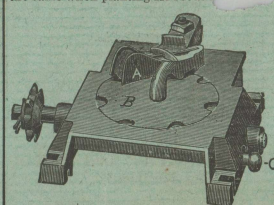
SLIDE SEED REGULATOR.



No. B15 1-2 Combined Corn Planter, WITH STEEL

This Planter takes the place of our A1535 1535 by an arrangement being provided for that by moving a slide shown on outside of feed wheel.

Standard Planter, by actual field test, the four other very popular planters the same when planting 125 seeds.



But the Superiority Standard was very marked when planting corn. When used for corn, she is "way up in C." Break Pins for Shovels; Safety Bolt for Furrow Opener. Covering Shovels can be turned in or out.

The opposite cut is the corn drop placed in the bottom of the cotton box. But one box is used for corn or cotton. It is driven by a chain running over a sprocket wheel guide so the chain cannot by any chance be pushed off by stalks. The corn can be dropped any desired distance apart, and from one to three grains in the hill.

As evidence of the fact that our corn drop is better than others, we make a large number of separate corn drop boxes which are sold by dealers, to be used on other (not Standard) Planters heretofore sold by them.

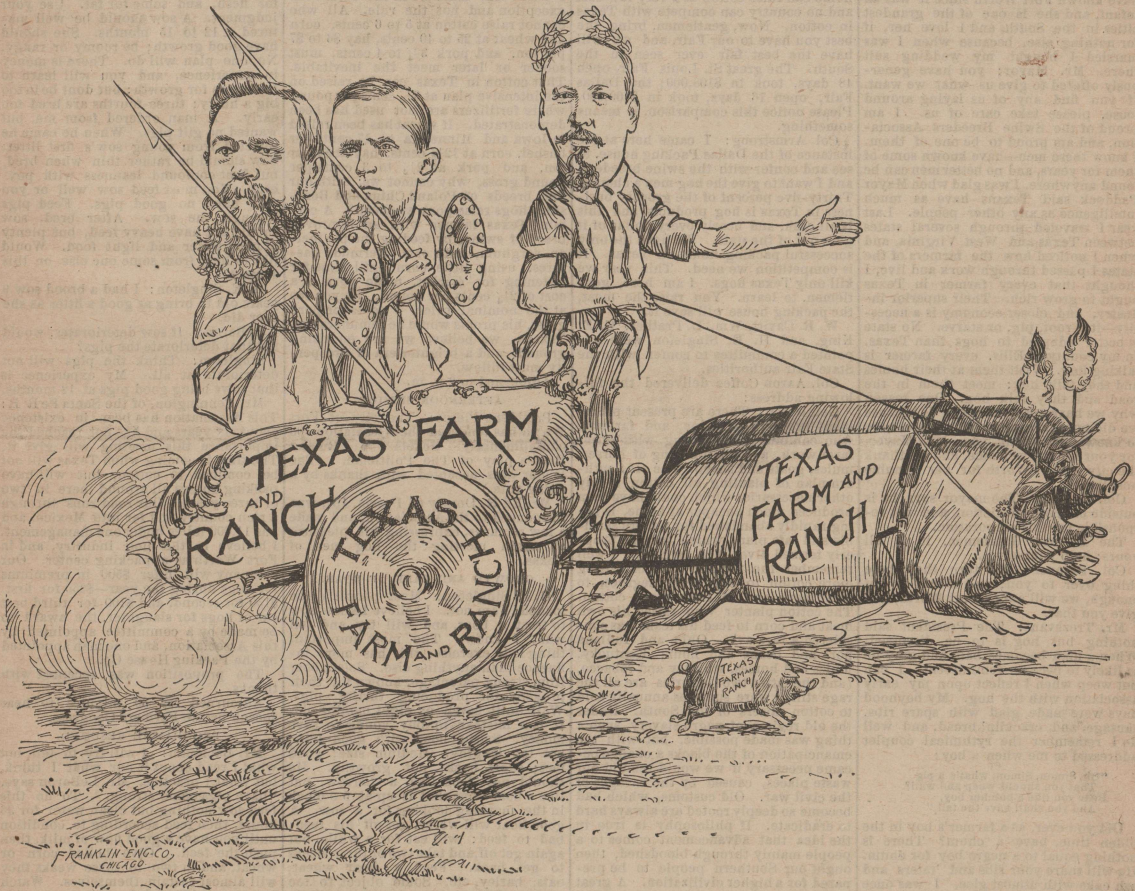
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TEXAS FARM AND RANCH

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DALLAS, TEXAS, MARCH 2, 1895.

WEEKLY \$1 A YEAR,
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HOG TALK.

Texas Swine Breeders Meet at
Fort Worth Stockyards.

THE MOST IMPORTANT ASSEMBLY
EVER HELD IN TEXAS.

Large Attendance—Large Addition to Membership—Interesting Discussions—Instructive Papers—Perfect Harmony, and Ardent Enthusiasm Tempered With Dignity and Common Sense.

A number of the swine breeders arrived at the Stockyards Hotel on Monday and the Tuesday morning trains brought in a larger attendance than has ever appeared at any previous meeting. The meeting was called to order at 10:30, and previous to this time fifteen new members had been enrolled.

President Pierce opened the session with the following address:

Gentlemen of the Swine Breeders

Association: For the information of those present who are not familiar with our rules, I wish to announce that this is a Swine Breeder's Meeting for mutual benefit, in the dissemination of useful knowledge about breeding, feeding and the general management of the swine; and as we have had parties present (not members) in times past, who tried to prostitute our meetings for personal and political ends, I would say, that this is contrary to our rules and against what we deem the best interests of our Association. After this announcement no gentleman will be permitted to introduce any subject that does not "talk hog" exclusively. We are here to devise means to keep among our people one-fourth of the money our cotton crop brings, and that is annually sent out of the state for hog products, and to put this money into the hands of the farmers and stock raisers of our state, thus saving to the farmers of Texas \$20,000,000 a year. Let us do this, and what will be the result in twenty years? We are now ready for business.

On motion, Messrs. H. E. Singleton,

M. Lothrop, G. E. King, and A. J. Nance were appointed a Committee on Programme, with instruction to report as soon as possible.

Mayor Paddock, of Fort Worth, was introduced and delivered the following address of welcome:

Gentlemen of the Texas State Swine Breeders Association: I don't know if I have not assumed too great a task in speaking for two corporations, and I am beyond my proper jurisdiction as defined by law. You will not expect an address on hogs. I know nothing about them. You, gentlemen, represent the greatest interest of the greatest country on earth. Fort Worth energy and enterprise has brought here the finest packing house in the South, but unless you take an interest in it, it will fail. Your work ramifies to every part of the state, and tends to its development as nothing else does. It has been our custom to keep our smoke-houses in the West, sending out dollars by the thousands for that which we could produce more cheaply at home. Actual statistics show that not less than

\$20,000,000 annually are sent out of Texas for hog products. Texas can raise the finest hogs in the world, and the heaviest and the fastest and fastest. The hog products of several Northern States, outvalues every other interest and it can be made to do so in Texas. There is no sound sense in our past course in this matter, for we can make pork hogs at less cost than any other state. I will call your attention to some figures. Figures are monotonous things, but not unprofitable to study, but the poverty stricken figures from the South show up badly in the government statistics. It will be profitable to disseminate these facts and figures. They will tell what kind of hogs to raise, and it will not be the East Texas root peeler. The figures will tell you what it costs to raise hogs in the North, and you know what it costs in Texas. We use to hear that meat could not be cured properly here; but what Nature has denied, the inventive genius of man has supplied, and I believe that no man who has spent the last few weeks in Texas will doubt that meat can be cured here. A miniature packing

Household.

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

THE ANGELIC HUSBAND.

NIXON WATERMAN, in Chicago Journal.

There are husbands who are pretty,
There are husbands who are witty,
There are husbands who in public are as smiling as the morn;
There are husbands stout and healthy,
There are famous ones and wealthy,
But the real angelic husband has never yet been born.

Some for strength of love are noted,
Who are really so devoted
That whenever from home they wander, they are lonesome and forlorn;
And while now and then you'll find one
Who's a really good and kind one,
Yet the real angelic husband, he has never yet been born.

So the woman who is mated
To a man who may be rated
As "pretty fair," should cherish him forever
And a day
For the real angelic creature,
Perfect quite in every feature,
Has never been discovered, and he won't be, so they say.

CHAT.

Rosa Vines, true to the character of the plant from which she has taken her name, de plums brings us both thorns and blossoms, and clings with the vines' tenacity to the beloved of her youth, all of which we commend and admit are very necessary qualifications in the makeup of a real, live, good woman. We think she has given us—those of us who think Mrs. Wilson too learned, rather pedantic—the benefit of a thorn. All of us perhaps had not Mrs. Wilson's opportunities to be learned in Mythology, Egyptology, ancient and medieval history, etc., so the compliment paid the average woman, that of knowing all these things, was a mistake. Many a woman knows little of such literature, and has no books of reference, who read Mrs. Wilson's novels and enjoy them, although much in them is as Sanscrit or Hebrew to them. We think none of those who have expressed themselves, have failed to admit Mrs. Wilson's genius, her purity of intention and her high moral character, and every Southerner is justly proud of her reputation, learning and ability. Rosa brings blossoms to offer as a sweet incense upon the altar of her devotion, and the tendrils of her youthful love cling to the memories of her queen of romance. We are glad to receive Rosa Vines, and hope she will come among us often.

We do not think that Mabel Clair has understood dear Mrs. Canfield. It is not the lack of happiness in home life, as wife, mother, sister or friend; not the absence of the love of God, nor the dissatisfaction from the unfulfilled desires along any line of life. It is simply a mute chord which does not respond to the tenderness of any of these influences. We often forget that it is not there until some unseen and inexplicable influence sweeps the chords of our natures and we feel that the harmony is not complete. Why we cannot tell, whence it came we know not, yet its absence is painfully present. We feel that suddenly life's music has dropped into a minor key. Like the wind, whence it cometh or whither it goeth no man can tell.

Joe is very cordially welcomed into the Household, and we must thank her personally for such a liberal gift of love. Hope to hear from her again.

Phalla M. Waterman asks some questions which we do not feel competent to answer, but we can all give our opinions as individuals as to who are our favorite poets; if they are not the leading poets.

Olive, a young school-marm, sends us a charming letter, which contains, among other good things, an excellent idea for fixing gems of thought in the mind, or of gathering them from all sources into a convenient sheaf, when we can pluck them when wanted.

Alexander Dumas was a Frenchman, born in 1803. He made a furore in the French theatrical world in 1828 by his drama of Henry III, which superceded the old classical, by the new romantic school. From this time his name was one of meteoric brilliancy. His fame as a dramatist became eclipsed by his genius as a romancer of marvelous power of invention and fecundity of execution. He died in poverty in 1871, after squandering a princely fortune. His son, Dumas the younger, is also a popular novelist and playwright.

A WOMAN'S VIEW OF WHAT COOKING MEANS.

"Ask a woman what cooking means. It means the patience of Job and the

perseverance of the Pilgrim Fathers. It means the endurance, the long suffering and the martyrdom of Joan of Arc. It means the steaming and the stewing and the baking and the broiling, thrice daily, springs, summers, autumns and winters, year after year, decade following decade. It means perspiration and desperation and resignation. It means a crown and a harp and a clear title to an estate in heaven. From her judgment and reason she must evolve triumphs that depend upon salt and pepper and sugar and herbs. She must know how soon and how long and how much and how often. She must know quality and quantity and cost. She must serve the butcher and the baker and the candlestick-maker. Then she must rise above it all and be a lady—a loaf-giver."—New York Sun.

Nor is this all she must do, for it must be done three times a day, for seven days in the week, fifty-two weeks in the year, and a few over for good measure. Then is the cooking all she has to do? No, indeed; it is but a very small part of her daily work. There's the washing and wringing and putting away of all the dishes and pots and pans necessary to cook and serve these one thousand and ninety-five meals. Then there is the sweeping and dusting, the washing and ironing, the milking and churning, the darning and patching, the cutting and making of sundry and numerous garments; the chickens to feed, the hens to set, the pigs to slop, and the baby to nurse and amuse through all. Like a bright but tangled thread, this troublesome joy runs in and out through the web of the day's weaving, provoking smiles and kisses and groans. Now where is the time to come from the reading and resting, the dressing and chatting are ever to come in? Can any one tell? Are these all the duties of the busy average housewife? No; in winter there is lard to render, sausage to grind and stuff, and soups to make. In spring the harvesters are with her; then there is extra cooking to do, extra dish washing and house cleaning. In summer comes preserving and canning and pickling, the bedding to renovate, quilting, and perhaps rags for a carpet to sew. In the end, after years of heroic struggle to keep everything tidily done up and win the name of a splendid housekeeper and cook, her reward is—sometimes—a small white stone, inscribed:

Sacred to the Memory of
JANE SMITH,
Aged 35.

Sometimes even this reward is omitted, and her friends wonder at her untimely taking away.

IN DEFENSE OF MRS. WILSON.

ROSA VINES.

Dear Mrs. Buchanan: I have been a silent but interested reader of the Household for some time, receiving therefrom much pleasure and instruction. A book lover, and interested in everything concerning books and the writers of books, I have watched the organization of the reading club with approval, and would like to be enrolled as a member.

I believe the writings of Augusta Evans Wilson are under discussion now, and many objections are urged against her. With all deference to my superiors in wisdom, I would like to offer a word in favor of the author of "St. Elmo." Her writings are not considered standard by literary "critics," and measured by a certain rule, perhaps they are not; but they present a nobility of thought which many of our "standard" writers do not, and one draws from her high ideals, pure inspiration, refining to both heart and brain. Perhaps it is not her fault if her readers fail to understand her classical learning. They should at best appreciate the high estimate she has of their intellectual attainments. Matron refers us to George Eliot for simplicity of style. The London Times has said of "Middlemarch": "Any one who can thoroughly understand that book has a broad education." I appreciate the depth and brilliancy of this world-famous author, and like "Adam Bede" very much, but I am not a worshipper at her shrine. It is not her fault, however. I closed "Romola" feeling rather distrustful of myself and the world generally, for it seemed that even intuition and instinct often failed in the battle of life. "Les Miserables" contains much that is good and some that is bad. The good predominates, however, and it is one of the grandest books I ever read. Never book illustrated more plainly "Man's inhumanity to man makes countless thousands mourn." What of that

other great French writer, the author of the "Count of Monte Christo?" Would like criticisms on that book. It is strangely fascinating. Would also like criticisms by the club on "Jane Eyre." Charlotte Bronte's defense of the ugly woman. With the exception of a four years course of reading in the C. L. S. C., my reading has always been very desultory and miscellaneous. Is it not best to read systematically? I was very much interested in Sharlott M. Hall's "Odd Books." Hope she will come again soon. I, too, "have in my veins some Orient blood," and know I should enjoy that South American story.

This is my first call, and I have stayed too long, taking up room that might be so much better occupied. As "Uriah Heep would say, I will 'umbley" withdraw.
Phano, Texas.

WHAT HAS BECOME OF OUR OLD MEMBERS?

MARRIE.

Dear Editress and Household Band: I have long been tempted to drop down in your midst, as it seems all hornets have been forced into winter quarters ere this, but having become convinced that the space that I would occupy would be more ably filled hence my delay. I am a busy farm's wife, and have been very busily engaged this cold and snowy day, helping the "other" half get out and save some seeds. We kind o' swap work, and it is real nice to do that way.

I think our household just grand—in fact the whole paper, and we also have a very interesting subject before us; gives such wide scope for discussion. I have read a great many books, and like reading better than any other recreation, and like history, fiction, prose and poetry, but I seem to have a special gift of forgetting the names of authors. I must say in fiction I am real old fashioned—think E. P. Roe's works, at least most of them, are grand. I call him my religious novel, could not do without dear old Dickens; he has such a clear insight into human character. Wherever you go you can picture some of his characters. Also like Wilkie Collins and Hugh Conway, at least some of their works. I haven't read them all. Have also read a good deal from The Duchess and Dora Thorne, but their characters are overdrawn. I have read a great many books from other authors, that I can't call to mind just now.

What has become of some of our older members? I miss them, and hope they will not allow new members to crowd them out.

Well, it must be time to go, as I can see in my imagination's eye, frowns on every side, and I do not want to create any disturbance, as I am a great lover of peace. Will give some hard times recipes next time, if they are wanted. Have to give them that name, or they won't be appreciated. We can't hardly enjoy a good, hearty laugh without some one expects everybody to be actually starved to death who remain in our grand state, piping hard times in our ears, consequently it cuts our laugh short.

Will close, with best wishes and a very prosperous New Year to one and all.
Vernon, Texas.

WHO CAN TELL?

PHALLA M. WATERMAN.

I find the reading club entertaining and most instructive, and trust it will be a grand success. Next to reading a good book is hearing some one describe it. Who are the leading poets of the age? I do so wish some one would tell.

God sent his fingers upon earth
With songs of sadness and of mirth,
That they might touch the hearts of men,
And bring them back to heaven again.
—LONGFELLOW.

Who can tell us of "Griswold's Poets of America?"

I am much interested in female poets, and wish some one would tell of a good book of them.
"Daughters of America," by Phebe A. Hanford, is both interesting and instructive.

I enjoyed reading of Mrs. Judith Foster, the woman lawyer, who was a successful speaker in the temperance campaign in Iowa in 1892.

The brave Hannah Dusten, who, by the way, is a relative of the writer's grand-parent, is read by Mrs. Foster, erected on Contoocook Island, through the efforts of Col. Robert B. Caverly, poet and historian, is plainly illustrated in "Daughters of America; or, Women Re-

formers, Women Preachers, Women Missionaries, Women Physicians, Readers, Actors, Singers, Inventors, Journalists, Painters, Agriculturists, and Travellers, have found their places, and fill 742 pages.

Who are familiar with Alice and Annie Louise Cary's works? What are their best works, and why?

I would tire you should I tell you all I want to, that I read and enjoyed in the above mentioned book, so I will say good evening.
New Lisbon, Wis.

KIND WORDS TO ALL.

MABEL CLAIR.

Some of the sisters seem to censure Mrs. Canfield because she feels dissatisfied with herself. Isn't it natural? Could we, as exiles, be perfectly satisfied—exiled from God and heaven? We go over the earth seeking happiness, when it is born from above. We grasp at riches, we grasp at earthly things in search of it, and forget it is an inward feeling, a feeling placed there by God's own hand. Our surroundings might be ever so beautiful, ever so lofty, but unless we possess this something, unless it has a home in our natures, none of these can charm away the clouds that drift across our sky.

There is a picture in the pathway of life that I often find myself studying. "A broken heart in a gilded palace," and my imagination calls up a second picture, a rough scene of nature, with none of the beauties of the first—a happy heart in an old log cabin. Was it a difference in the surroundings that made this change? I think not. The poor are often heard to say, "If I were rich, I would be happy." The rich are sometimes heard to say, "If I were poor, I believe I would be happier." Our life's sky has its clouds just as much as the sky above us. And what is the office of the clouds? They shade the tender plants from the burning rays of the sun; they gather moisture and precipitate it in the form of rain to the parched earth, and when we begin to study it, we find that even the storms and earthquakes are necessary, and while they destroy, they protect.

Now let us go back to our own skies. We have clouds, some are dark and stormy. Some call forth bitter tears of anguish. What is their office? The dazzling rays of pleasure cause some tender little plant to suffer, to wither; a cloud comes and throws its protecting shade around it. The sun shines too bright, and scorches and dries up the good in us, and we find ourselves forgetting God and becoming empty worshippers—slaves to the dazzling temples of earth, when a dark cloud rolls over our sky, tears of anguish furrow our cheeks, and we fall crushed beneath the blow.

Dear Mrs. Canfield, do not grieve if you have clouds; their office is a noble one. If you are blue sometimes, walk it off. When the cloud passes, the sun will be sure to return. I have walked the orchard for hours at a time, trying to wear off a spell of the blues. Yet I am glad there are clouds in life, since heaven is one unclouded day. I am sorry we have disagreed so much. Somehow we don't seem to have exactly understood each other, so let us grasp hands and be fast friends.

Now, Wandering Bachelor, I don't think you have any right to envy me, for who could be a greater favorite with our band than you are? Mrs. Vanderhoeft and yourself have been favorites too long to be rivalled by even the most ambitious among us. I did wish to equal you two—be third favorite—but I have long since given up the hope of ever attaining the coveted place. I am very glad to know I have won friends among the band, and hope to always hold a high position in the hearts of all.

I read Victor Hugo's masterpiece, Les Miserables, when I was small, and it produced a deep impression on my mind. How clearly he brings out the idea in the life of Jean Val Jean, that he advances in the first of the book; "Can a soul be entirely re-made by destiny, and become evil if the destiny be evil?" The most evil, the most depraved of human nature has a spark of that divine fire left. A poet truly says:

"In men whom men pronounce divine,
I find so much of sin and blot;
In men whom men condemn as ill,
I find so much of goodness still;
I hesitate to draw the line."

Between the two—when God has not. Even in the same fanatic Javert, the same spark that proves the origin of the soul flashes forth when he says: "Monsieur le Marie, I have come to request that you will procure my dismissal from the service." There was some good



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Texas Jersey Cattle Club—J. D. RUDD, President, Waskom; J. O. TIERRELL, Secretary, Terrell.

State Farmers Institutes—E. F. BUTLER, Organizer, Waxahatchie.

SOME men never get their eyes open until they are too old to see.

It is no trouble to get rich if one only has a few millions to begin with.

THANKS to Mr. W. W. Kilpatrick, of Comanche, for a package of citron (ple melon) seeds.

CONGRESS has passed a bill granting one month extra pay to all the employees of the capital, including the private secretaries of the members. Such outrages are so common as to cause no comment.

LAST spring we received some dewberries from J. W. Austin, of Pilot Point, Texas, and as stated at the time, they were the finest we ever saw and the best we ever tasted. Mr. Austin is this season offering plants for sale. See his ad. of Austin's Improved Dewberry, with cut of berry size of nature, page 16, this issue.

The committee sent by the Legislature to visit the A. & M. College performed that duty, and were impressed with the great work the institution is doing, and well pleased with its management. The committee will recommend a new mess hall, and other improvements asked for. They, unlike some committees we have read of, know a good thing when they see it.

SOME person handy with figures, and who has been there himself, has estimated that for every appointive office in this country, there are 1412 applicants. Many of these positions are without remunerative salaries, and confer neither honor nor distinction, but that makes no difference with the average American. He imagines that if he can once break into the official pantry, he will find the preserves.

THE FARMERS CONGRESS

Which met at the Fort Worth Stockyards on the 19th, was a movement in the right direction, but its efficacy in the emergency which brought it about, depends upon a contingency that has at least a large element of uncertainty in it. The subjects discussed were timely and appropriate. If farmers can be induced to act together, they can remedy to a large extent the evils of which they rightly complain. Some sensible addresses were made which would do good if every farmer in the state could have heard them. But farmers cannot be induced to work in unison for any purpose without close organization that shall embrace every section of the state, and reach with its influence every farmer. This was provided for by the Congress, and the work should be seconded by every farmer. The endorsement of the bill presented by Senator Bowser to provide a Board of Agriculture for the state, was just what any assemblage of intelligent farmers would do. If the Legislature was imbued with half the practical sense brought together at this meeting of farmers, the law would be passed under a suspension of the rules before the present week should end. The Congress took steps to act in concert with the great southern movement for reducing the acreage of cotton. It is believed the Farmers Alliance will act in harmony with the objects of the Congress, as the President of that organization was present, and participated, and has given it his hearty co-operation from the first.

THANK THE LORD.

Congress will adjourn on Monday, next, and it will probably be the most satisfactory thing to the people it has done during the session. For months the business of the country has been in a state of dangerous uncertainty, caused by the failure of Congress to grasp the financial situation and cope with it. The administration has been even more unsatisfactory—if opinions may be formed from utterances of the press. There has been a continual condition of antagonism between factions of each political party; between the parties in Congress; between Congress and the President, and between all of them and the people. The trusts and combines have controlled legislation, individual senators have stopped legislation, and really nothing has been done but borrow money, appropriate it; borrow more, and appropriate that, and then borrow still more, and it is now estimated that the appropriations of this Congress will exceed a thousand million dollars, or about \$75 for every head of a family in the country. Our government is costing about twice as much as that of Great Britain, with a population of 300,000,000, and colonies in every part of the earth. We are paying too much for a cheap whistle. Now let us see how much better the Republicans will do.

AGRICULTURE IN THE LEGISLATURE.

Senator Bowser, of Dallas, has introduced a bill in the State Senate to establish a Board of Agriculture and provide for farmer's institutes. We know nothing of the details of the bill, but we do know that the objects of the bill should be made a law of the State. As the law now is—or is not—the state is doing absolutely nothing, and never has done anything to directly further the interests of agriculture; in this being behind every state in the union, as far as we are informed. The miserable pretense involved in the insertion of the word "agriculture" in the official title of the Commissioner of Insurance, History and Statistics, was emphasized by the re-

fusal of the Legislature to appropriate money sufficient to carry out the agricultural feature of the office. We all know now that there was no meaning in that word, no meat in that nut. It was a bone thrown to the farmers to quiet their clamor for justice, but there was no marrow in it. Agriculture is the life of the state, upon the products of which every other interest depends. It fills the coffers of the merchant and manufacturer, loads our railroad trains, feeds the lawyers who work and vote against its true interests, and puts food into the mouths of those who would otherwise go hungry. Without her annual crops Texas would be dead, damned and depopulated, and would have no need for a Legislature. We trust that Senator Bowser will push his measure, and that he will find enough of right minded men in each house to finally pass it. But he will have to watch closely for the keen knife of the emasculator. Gentlemen of the legislature, consider this matter in the light of public duty, and give us something to quiet the murmurs of farmers who have been led to believe that they are considered only as legitimate prey for our law makers.

THIS CONCERNS EVERYBODY.

The profession of medicine, conscientiously pursued, is the noblest secular calling known among men. The self sacrifice with which physicians have hazarded their lives to relieve human suffering and to advance true medical science is worthy of all praise. No eulogy can do them justice, and the writer of this will permit no man to exceed him in veneration for such moral heroes. Such physicians, however, are too few, and careless, self-sufficient ones too numerous for the good of humanity. Dr. Oliver W. Holmes said in a lecture to one of his graduating classes, that "The world would be better off if all the doctors and all the drugs were sunk beneath 100 fathoms of sea water." This was a bold saying, but sustained by statistics which no candid and well informed physician will deny. In a continued and exhaustive hospital test, it was proven that more sick people taken as they come, will get well without medical treatment than with it. It was also proven in the same, and other hospitals, that more cases recovered when treated by the homeopathic than by the "regular" system, the reasons in each case being the same—careful nursing, bathing and dieting proved better than dosing with drugs. Not only did a larger proportion recover without medicine, but the recoveries were more rapid and complete. These facts have been admitted by leading medical journals and lecturers, both in this country and in Europe, as is known to every well informed physician, and admitted by every candid one.

True, the people do not know what cases actually need, and what ones do not need, medical treatment; to make this decision the physician is called in, and in nearly all cases the decision is that medicine is required. That they often save life is not denied; but that the people receive any equivalent for one dollar of every hundred spent for medicine, is contrary to common experience. This is, perhaps, as much the fault of the patients as of the physicians, with this distinction: the people err through ignorance of medical science, while the physician errs willfully, and uses the mysteries of his science to deceive the patient.

Now the writer will speak plainly, and the learned doctors will ridicule him for his presumption, and will very learnedly ask, "What does he know about the profound mysteries of medical

science?" But they will not call upon him to prove his assertions, nor to give a reason for his faith. Now bear in mind that inexperienced physicians, quacks and frauds are not alluded to; that only experienced and reputable physicians are considered. This is our indictment:

There are well known remedies which every physician knows to be dangerous to some patients, fatal to a smaller number, and, perhaps, comparatively harmless to others; but our best physicians prescribe these substances in full doses, regardless of the idiopathy of the patient, and without inquiry in that direction.

They will prescribe medicines whether symptoms indicate its use or not. This is proven by the fact that they prescribe medicines in practically all cases, when they have been taught, and know, that a large majority of really sick people need no medicine.

They experiment with new remedies, for the benefit of science, and at the imminent risk of the patient's health, and even life.

They will refuse to prescribe remedies they know to be best for the patient because they do not "know its mode of operation," as required by a foolish code of ethics.

They persistently refuse to prescribe a remedy which they believe to be best for the patient, because some enterprising individual has patented it. And these things are habitually done regardless of the interests of the patient, who pays his physician to cure him, and does not care whether it is done ethically or otherwise.

Familiarity with suffering and death renders many physicians careless, and often serious damage and fatal results are hidden behind a code that justifies the physician, and a mystery which hides the facts from the public.

A person cannot be too careful in selecting a physician, nor too watchful of professional mystery. A gentleman suffering from the unexpected effects of medicine, called on the apothecary for a copy of the prescription and was refused. He offered a five dollar bill for the privilege of inspecting it and was refused. Lives have been saved by the habit some people have of reading every prescription, and considering them in the light of experience; and lives have been lost by neglecting this precaution.

This country can better afford to place a marble monument over the grave of a dead millionaire than to bury an honest laborer in the potters' field.

QUESTIONS AND ANSWERS.

1. Where can I buy a full blooded red Berkshire or red Jersey boar? 2. Is the Duroc-Jersey a red hog? That is perhaps what I want. I am not a farmer, but I love good stock.—J. M. MILLER, M. D., Cade, Texas.

ANS.—1. There is no red Berkshire breed. For Jersey-Reds, see advertisement of S. W. Smith, Cochranville, Pa. If there are any breeders of these in Texas, they do not advertise. The Duroc-Jersey and Jersey Reds are the same, they are reddish in color, and a good hog.

Please tell me how to get the latest agricultural reports on irrigation; that is, what to ask for and what is the latest that I can get. By so doing I will be obliged.—A. F. MILLER, Branchville, Texas.

ANS.—Write for what you want to your Congressman, and he can have the reports sent you. You will get the latest published.

Please inform me about planting sorghum for baling purposes—when to plant, how much to the acre, broadcast, and when to cut first crop, and process of curing and baling.—W. M. McPHERSON, Heidenheimer, Texas.

ANS.—Sow broadcast rather late, say between corn and cotton; about 1½ to 3 bushels of seed per acre. Out when seed is in milk; cure in loose ricks and bale as any other hay. Sorghum requires care in curing. It is best cured in shade, and stacked so that air can freely circulate through the mass will make excellent hay.

1-W. H. PIERCE, President.
2-A. A. PUTTICK, Secretary.
3-R. F. BUTLER (Luce Scott)
4-W. O. LARABON.
5-A. W. PARHATT.

6-AARON COFFEY
7-W. B. CAVITT.
8-E. S. PETERS.
9-H. E. SINGLETON.
10-R. A. CORRETT (deceased).

11-W. M. KERR.
12-W. B. MORROW.
13-T. C. SHAGBETER.
14-B. F. WEDEL.
15-DR. W. W. STELL.

TEXAS SWINE BREEDERS IN COUNCIL.

16-W. S. IRAND.
17-H. COATES.
18-W. E. DURBAR.
19-H. BACHMAN.
20-V. A. DAVIS.

21-J. A. SANDERS.
22-W. J. COOPER.
23-M. L. LOTHROP.
24-L. K. HARRISON.
25-ED. L. OLIVER.

26-G. E. KING.
27-R. A. DAVIS.
28-COL. J. W. STANSON.
29-COL. W. E. STANLEY.



layer of meat, and so on, until all is put away. The shucks keeps the meat from rusting, and gives it a sweet taste. Good luck to TEXAS FARM AND RANCH.
Wilmer, Texas.

THE AUTOCRATIC PORKER.

C. A. ROBINSON, in Western Rural.

You may talk about yer venison, yer bar-meat an' yer fowl,
You may blow yer horn 'bout everything from turkey down to owl;
You may chirp about yer quail on toast an' slich as that, you see,
But the fine old fashioned porker is good enough fer me.

You may spin long yarns on beefsteak, on rabbit an' on snipe,
On all that's good to swaller, from ox-tail soup to tripe;
Yer mouth may run to water 'bout chicken fricassee,
But old-fashioned ham and gravy is good enough fer me.

You may hunt the country over fer something fit to eat
In the line of coon or 'possum, or other kind y' meat;
You may chew a tough old brisket cow, so old she couldn't see,
But the old style roasted spar-rib is good enough fer me.

You may grind up meat and mix it with pepper and with salt,
Then add a little gyalric an' yaller meal an' malt.
An' yerbs an' roots an' onions, an' a little cat-nip tea;
But old-fashioned country sausage is good enough fer me.

You may feast on shiny fishes, on bass an' carp an' eels,
That's purty much a owin' to how a feller feels;
But what a feller's raised to hell generally be,
An' the hog an' all that's on him is good enough fer me.

Jest kill a thrifty porker, about two hundred pound,
Hang up a side y' spar-ribs and watch 'em turn around
An' sizz an' spud an' spitter before the open fire,
Hung to a nail in the mantel an' strung up on a wire.

Now, set a pan below it, upon the brick hearth flat,
An' see the gravy trickle down from lean meat an' from fat.
Sich grub might not be fittin' for the king or his grandee,
But it's old-fashioned country eatin', an' it's good enough fer me.

Then when yer pig has cooled enough, take down that biggest half,
Strip up the juicy tenderline an' watch the children laugh.
Now slice the pieces crossways about a quarter thick,
An' try 'em on a risky fire, so they'll get done right quick.

An' in the bottom gravy jest break a dozen eggs
Laid by them greasy Plymouth Rocks, consarn their pesky legs;
Jest draw up the table now, with neither fire nor fork,
Of course it's only country truck, but it's good enough fer me.

You folks that's livin' in the town on dried-up mackerel
An' codfish balls an' terrapin an' second hand bolony,
Come out into the country once, yer welcome an' yer free,
You'll find the porker good enough for either you or me.

The Farmer's Congress met at the Fort Worth Stockyards, on the 19th, but as the Swine Breeders had assembled for the purpose of discussing the hog question only, they did not allow the congress to interrupt their business, except for thirty minutes to hear, by invitation of the Congress, one of the congressmen deliver an address. The Swine Breeders refused to swerve in the slightest from their programme and rules, and consequently they were enabled to meet in open session for two days, and freely discuss topics concerning their business, without a moment's friction, or a suspicion of disorder.

SWINE RECORD ASSOCIATIONS.

Below will be found the addresses of the Secretaries of the Swine Record Associations. The Secretaries will please notify us of any changes made and are also requested to furnish us with any items concerning their respective organizations:

Victoria Swine Breeders' Association—Mr. H. Davis, Dyer, Lake county Indiana.

American Berkshire Association—Mr. Chas. F. Mills, Springfield, Illinois.

National Berkshire Record Association—Mr. E. K. Morris, Indianapolis, Indiana.

American Small Yorkshire Club—Mr. Geo. W. Harris, New York City, N. Y.

National Duroc-Jersey Record Association—Mr. R. J. Evans, El Paso, Illinois.

Cheshire Swine Breeders' Association—Mr. G. S. Button, Chittenango, N. Y.

Standard Poland-China Record Company—Mr. Geo. F. Woodworth, Maryville, Missouri.

Standard Chester White Record Association—

ciation—Mr. W. H. Morris, Indianapolis, Indiana.

The Ohio Poland-China Record Company—Mr. Carl Freigau, Dayton, Ohio.

Todd's Improved Chester White Record Association—Mr. C. W. Baker, Delaware, Ohio.

The Northwestern Poland-China Association—Mr. J. B. Besack, Washington, Kansas.

American Duroc-Jersey Swine Breeders' Association—Mr. S. E. Morton, Camden, Ohio.

The Central Poland-China Swine Association—Mr. W. H. Morris, Indianapolis, Indiana.

The American Poland-China Record Company—Mr. Wm. M. McFadden, West Liberty, Iowa.

The American Essex Association—Mr. F. M. Srout, McLean, Illinois.

The Cheshire Record Association—Mr. R. D. Button, Cottons, New York.

American Suffolk Association—Mr. W. F. Watson, Winchester, Indiana.

International Ohio Improved Chester Record Association—Mr. Herbert A. Jones, Himrods, N. Y.

We are highly pleased with your paper, it has made us a good many sales. Our sows are all sold, and most of them have gone to TEXAS FARM AND RANCH readers, and also our intercourse with your people has been very pleasant to us.

We are glad to see the people down there taking so much interest in hogs. Mr. Hog is king here in our country. They have made our land worth one hundred dollars per acre. We have fine cheese factories in this Township of six miles square. They receive from 5,000 to 10,000 pounds of milk each, per day, according to the time of the season and they put out nothing but full cream goods. Tell your farmers to diversify their crops more, raise a little of everything you used and it will bring you prosperity.—JOHN SCOON, Chillicothe, Ills.

I enclose you twenty cents to pay for a TEXAS FARM AND RANCH binder. Please send it at once. I have been out of farming for sixteen years, and have just returned to it. The first thing I did, after deciding to come to the farm, was to subscribe for TEXAS FARM AND RANCH, and I am reading it closely for information, and don't want to lose my papers.—A. W. CARPENTER, Del Valle, Texas.

U DON'T HAVE TO SWEAR OFF.

The St. Louis Journal of Agriculture says: "We know personally of several that No-To-Bac cured. One, a prominent St. Louis architect, who smoked an' chewed for years. Two boxes cured him, so that even the smell of tobacco makes him sick." No-To-Bac's guaranteed to cure tobacco habit or money refunded by druggists everywhere. Book free. Sterling Remedy Co., 10 Spruce St., N. Y., or 44 Randolph St., Chicago.

The John March Co.'s Chemical Dehorner offered this their seventh year, has often been recommended by TEXAS FARM AND RANCH for the prevention of the growth of horns. It is a necessity to the Texas stock growers. For pamphlet address, 60 River St., Chicago.

THE KIND GUARANTEED
THAT ARE
EACH Osborne
BINDER-REAPER OR MOWER
HAS ATTACHED TO IT A BROAD GUARANTEE.
EASILY UNDERSTOOD. PROTECTS THE PURCHASER ALWAYS.
Fulfilled by the Manufacturer.
OUR 1895 CATALOGUE
ILLUSTRATES AND DESCRIBES THE IMPLEMENTS THAT WE GUARANTEE SO HIGHLY
14 OF THEM. 5 BRAND NEW
ONES THIS YEAR. YOU ARE NOT POSTED UNTIL YOU KNOW ABOUT THEM. SEND NAME AND ADDRESS TO:
D. M. OSBORNE & CO. AUBURN, N.Y.
WE HAVE BRANCH HOUSES ALL OVER THE U.S. YOUR ENQUIRY WILL BE REFERRED TO THE ONE NEAREST YOU.

WE HAVE CONVINCED EVERY BREEDER
that has given us the opportunity, that
DR. CROW'S
ANTISEPTIC HOG REMEDY
WILL PREVENT HOG CHOLERA.

If given a fair trial. Just such a trial as any reasonable, intelligent farmer or breeder would be willing to give. DON'T GET RATTLED, but follow the directions, which are plain and simple, and the results will surprise you as it has many others. We do not claim to restore life to the dead, but we have met with wonderful success in treating herds, and convinced many of the strongest skeptics of the potency and value of our remedy. Being breeders ourselves, and knowing of the many worthless, so-called remedies with which farmers have been indicted, we do not wonder that they hesitate. We have received numerous testimonials, and are receiving others almost daily, from farmers and breeders who have used the remedy to their satisfaction in preventing or curing the cholera. Breeders' testimonials are treated confidentially. A strong point for our remedy is that we have appointed the very best breeders and farmers as agents upon their own application after they had convinced themselves personally of its worth.

Prevention is Cheaper than Cure.

The safest and cheapest way is to keep CROW'S REMEDY on hand and feed it regularly as a tonic and preventive. This will insure growth and health, and save you hundreds and perhaps thousands of dollars yearly. But if you have neglected this precaution until disease has actually attacked your herd, do the next best thing: order a box of the Remedy without delay and stamp out the disease with as little loss as possible.

WHAT IT COSTS.
Delivered at railroad or express office at the factory at Humboldt: Five pounds, \$1; thirty pounds, \$5; fifty pounds, \$7. Send remittance with order and state whether you wish it shipped by express or freight. Directions for use accompany the remedy.

TAFT & CO., General Agents, Humboldt, Iowa.

If Your Pigs have a tired look, DR. CROW'S REMEDY will knock it.

PEDIGREED Poland Chinas. Shorthorns.

J. H. TAYLOR, Pearl, Kansas.
PURE BRED BERKSHIRES. For prices, etc., address B. GILBERT, Wrightsboro, Gonzales County, Texas.

NESTER GROVE BERKSHIRES. Registered for sale all times of the year. Address: SAITH & KESTER, Box 123, Corsicana, Tex.

Poland China Pigs.
Sire and dam registered. Prices to suit the times. C. W. THOMAS, Pottsville, Texas.

ESSEX. The World's Fair herd sold \$245.00 on 13 head. 16 prices at Texas State Fair. Choice recorded stock of all ages for sale. THOMAS TAYLOR, Waynesville, Ills.

REGISTERED Berkshire swine, milk Durham cattle. Fine horses bred and for sale at all times. Correspondence solicited. W. J. COOPER, Holland, Bell Co., Texas.

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

FOR SALE CHEAP.—One 2 year-old registered Poland China breeding boar, thirty choice pigs. J. W. PRICE, Hills Prairie, Texas.

BERKSHIRES.
We are now taking orders for pigs to be delivered in April or May. Nothing but good stock sent out. Prices reasonable. Please write your wants. JOHN SCOON & SONS, Chillicothe, Illinois.

Springside Jersey Farm.
Registered Jersey Cattle and Bash Berkshire Swine for sale. W. A. PONDER, Denton, Texas.

MILL CREEK STOCK FARM.
GEO. P. LILLARD, Prop'r.
Registered Berkshire hogs and Light Brahmas fowls of best breeding. Prices reasonable. SEGUIN, TEXAS.

WILLOW STOCK FARM,
ALLEN T. MURCHISON, Prop'r,
Breeder of Berkshire Hogs and Fine Horses, Farmersville, Collin County, Texas.

Bell County Herd of POLAND CHINA
swine. Pigs for sale at all seasons. Stock the best. Come and see me and be convinced. A. W. PARRATT, Holland, Texas.

CENTRAL MISSOURI HERDS of pure bred Chester White and Poland China hogs. Best strains. Write for what you want. B. J. MCCLANDER, Sedalia, Mo.

CEDAR VALE HERD POLAND CHINA SWINE.
One breed, the best of the breed, and the best bred for the South. All sows and litters not related. The great show and breeding boar, YORSE WINSTON No. 1231 at head of herd, assisted by DOWNES WILKES SIRE and two other grand breeding boars. H. E. SINGLETON, Proprietor, Lebanon, Collin Co., Texas.

FOR SALE.

One well bred, registered Jersey Bull, ready for service, and a few high grade Cows and Heifers. Also registered Berkshire Boars. L. V. WATKINS, 233 Main street, Dallas, Texas.

J. R. HERNDON, McKinney, Texas, POLAND CHINA SWINE. Stock the best. Prices reasonable. Write.

J. I. Richardson, Bay, Texas, POLAND CHINA SWINE. PIGS FOR SALE. Write for prices.

ESSEX PIGS.
For Sale—Pure registered stock. I have the best. They are the healthiest, gentlest, prettiest, and fatten on less feed than any hog grown, weighing from 600 to 650 pounds at 18 months old. Are prolific breeders and excellent mothers. Let every progressive farmer try them. W. B. CAYTIT, Bryan, Texas.

LARGE ENGLISH BERKSHIRES
Of all ages, from the very best imported and home bred prize winning boars and sows. We have sold many of the best Berkshires in Texas. Can do it now. Also Lt. Brahmas, Bronze Turkeys and B. Leghorns. Free catalogue of 81 pages, and other valuable information. Prices low. JNO. B. THOMPSON, Plattsburg, Mo.

PIONEER HERD
of fancy bred and registered Poland China swine. Can furnish pigs in pairs not related. My breeding stock was bought of the very best herds and experienced breeders of Indiana, Illinois, Kentucky and Texas, regardless of cost, knowing that the best was none to good. I also have a spraying and stockman's needle invented by me. Best thing out. Satisfaction guaranteed. Address: J. A. BLOW, Nels, Texas.

Sterling Silver Thimbles, 15 cents. Sent on receipt of price. W. B. NORTON, Durand, Ill.

BENNETT STUMP PULLER—9 Sizes Horse and Hand Power. Prices \$25 to \$150. Three Days' Trial. Cat. \$1.00. Free. J. L. Bennett, Westerville, O.

THE LEAN ALL STEEL Harrow
Entirely of Steel. No castings to break. Strongest and simplest Lever Arrangement on the market. Write for descriptive Circular. **RODERICK LEAN MFG. CO.** No. 20 Park St., MANSFIELD, O.

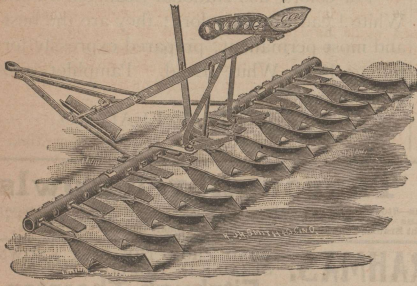
Farm Machinery.

"ACME."

The "Acme" Pulverizing Harrow, Clod Crusher and Leveler, illustrated on this page, is manufactured by Duane H. Nash, Millington, N. J. and Chicago, Ill., and used by farmers all over the U. S. The special merits claimed for this implement, are:

1st. That it is by far the cheapest riding harrow on the market, say 30 to 60 per cent less than other riding harrows. At the same time it is fully as, if not more, efficient than others.

2d. It is the only harrow that will cut over the entire surface of the ground,



viz., the surface between the teeth or the coulters.

3rd. It is made entirely of wrought iron and cast steel, and is therefore practically indestructible—nothing but the coulters or teeth can wear, and these may be replaced at a trifling cost.

4th. It is adapted to a greater range of work than any other one harrow, and it is therefore properly called a "general purpose harrow."

5th. The manufacturer offers to send the harrows to responsible farmers on trial, with the privilege of returning them at his expense if not entirely satisfactory. Many thousands have been sent out in that way, and probably not one in 300 have returned.

6th. Easy draft, giving no more labor to a team than an ordinary harrow, while doing many times better work. It cuts the soil, turns, pulverizes and levels the slices, making a perfectly smooth and level bed, covering small seeds in the most perfect manner.

WHITMAN'S "STEEL BEAUTY" HAY PRESS.

We illustrate in this issue the latest invention in baling presses by the Whitman Agricultural Co., of St. Louis, Mo., called the "Steel Beauty."

The baling presses manufactured by this firm have a reputation throughout the world, second to none. They claim never to have been in competition in this or any other country, where they failed to receive the highest award. Their manufactory is the largest of its kind in America.

This year they offer four entirely new presses, the "Steel Beauty," the one we illustrate, is manufactured more especially for Texas and the Southwest. It is light in weight, very rapid in its work and thoroughly strong and dur-

able. It is constructed entirely of steel and iron, except the feed table, tongue and double trees. The feed opening is very large, and with the long plunger travel enables rapid work to be easily accomplished both for man and beast. When desired this press can be telescoped up very short for moving over rough roads, etc. The Whitman Agricultural Co., recognize that the present low prices for farm products call for low prices of machinery, and propose to furnish this strictly first-class baler at a price within the reach of all who desire the best baler in market.

The other new presses offered by this company are the "Universal" High Bale Chamber Press with telescope connections, guaranteed to be the most rapid two horse baler in the market. This is intended for very rapid work. The next is the Special Straw Baler for baling straw direct from steam threshers while threshing and is creating a great sensation. The last is the new "Steel King" an all steel Belt Power Baler which they warrant in all respects. Parties will do well to write this firm for illustrated circulars and prices.

These presses will also be for sale throughout Texas, and we take pleasure in recommending the Whitman Agricultural Co., a well-known and reliable firm.

CREAM SEPARATORS.

We call attention of our readers to the new 1895 advertisement of the De Laval Cream Separators, in page 2.

If any dairy authority were asked to name the one thing which has contributed most to the development and improvement of our dairying interests in the last few years, the answer would unquestionably be—the Cream Separator. And when one speaks of the Cream Separator the name De Laval seems almost synonymous therewith.

It was practically the first to make itself known in dairying, and much of our progress in this great interest is due to it. For several years nothing hardly was known but the De Laval, they were solely of De Laval make. These were not altogether practical for general purposes, and were followed by the present styles of De Laval Hand machines termed the "Baby." The success of these latter have been such as to naturally bring about attempted competition from other concerns, but the field is so large a one and so constantly developing, that there is ample room for all.

We are not competent of course to compare the merits of different machines, but there can be no question that the De Laval is tried and proven.

The De Laval machines have been in use and subjected to tests continually at nearly all of our State Experiment Stations and Agricultural Colleges for a couple of years, and all seem to join in hearty endorsement of them—both scientifically and mechanically. The De

Laval is practically the only separator which has a world-wide use and reputation.

While at Poughkeepsie, N. Y., recently, one of our correspondents visited the American Works of the De Laval Company, which are located at that place. These shops are considered by engineers among the finest in the country.

The Cream Separator is of especial interest to our farmers and dairymen this year. The past year has shown dairying to have been practically the only profitable branch of general agriculture. The dairy farmer has made money from this part of his business at least.

The criticism is made by some, that the prices of separators are too high. This is no doubt true, and we suppose they will come down in the future. Many think they ought to wait on this, but the separator people say that even though prices may come down in time those who put in machines now will have saved their cost several times over meanwhile.

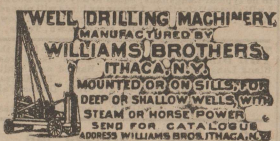
ODEBOLT, IOWA.

Taft & Co., Humbolt, Iowa:

Gentlemen: The astounding success which I have had during the past few weeks among my herds, with the use of your Antiseptic Hog Remedy, has prompted me to cheerfully state in brief what it had done for me. In September my herds were attacked one after another with hog cholera. I immediately enforced a quarantine of each herd and began trying many of the known remedies, together with a great deal of personal experimenting with the different herds, numbering 18 in all, or about 3,500 pigs, but still the losses continued to be great. After having lost between 800 or 900 pigs, before the use of your remedy, I had about given up, until 6 weeks ago, after one week's thorough trial with your remedy. I was so well pleased with the remarkable results on several herds that I commenced its use exclusively on all affected herds and on the others as a preventive. Having just completed a thorough investigation after its use for 6 weeks, and at this writing, for example, will take 6 of the worst herds. After commencing the use of the remedy the loss was as follows:

1st. herd, 90 pigs, 12 dead pigs; 2d. herd, 125 pigs, 1 dead pig; 3rd. herd, 93 pigs, 2 dead pigs; 4th. herd, 106 pigs, 1 dead pig; 5th. herd, 225 pigs, 2 old hogs and 7 pigs.

Had I not kept an accurate record of the above results I would have been very doubtful, after having lost over 800 pigs before the use of your remedy, and they kept dying up to the time I commenced the use of Dr. Crow's Antiseptic. Respectfully, C. W. COOK.



The grinding mills and corn sheller sold by TEXAS FARM AND RANCH do the work and all buyers are well pleased.

THE OK HAY PRESS.
THE BEST STEEL
FULL CIRCLE.
SOLD ON EASY TERMS.
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SHORTEST CRANK
GREATEST POWER
ECLIPSE HAY PRESS CO.
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TWO FEEDS TO CIRCLE
STEEL, MOST RAPID AND POWERFUL.
K.C. HAY PRESS CO.
ADDRESS: KANSAS CITY MO.

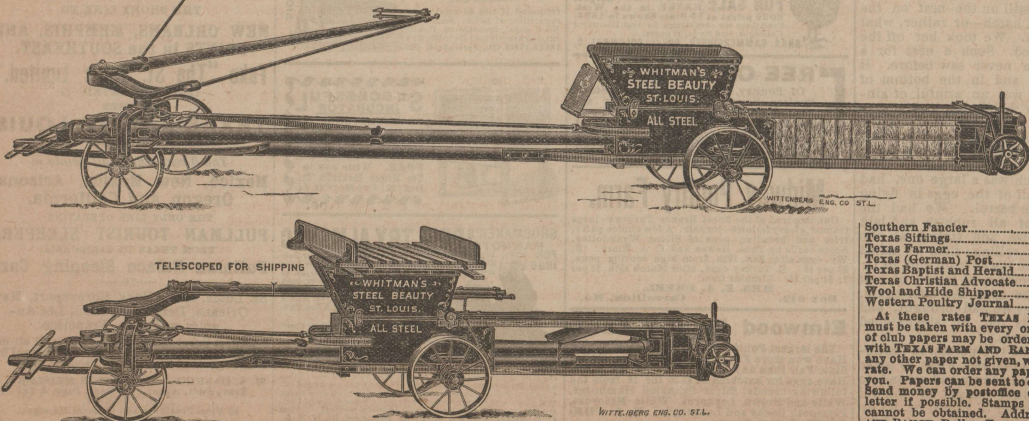
WHITMAN'S BALING PRESSES
RECEIVED THE HIGHEST AWARDS AT
WORLD'S FAIR CHICAGO.
PARIS EXPOSITION
AND EVERY OTHER CONTEST.
THE MOST COMPLETE LINE
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WHITMAN AGR. CO.
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OUR CLUBBING LIST.

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 Dollar a year.

	Regular	With T.
	Price.	P. & E.
Atlanta Constitution, weekly.	\$1.00	\$1.75
American Gardening.	1.00	2.00
Breeder's Gazette, weekly.	2.00	8.00
Courier-Journal, weekly.	1.00	1.75
Colorado Poultry Journal.	50	1.00
Cosmopolitan Magazine.	1.00	2.00
Dallas News, semi-weekly.	1.00	1.75
Detroit Free Press, weekly.	1.00	1.75
Farm Implement News, weekly.	2.00	2.00
Farmer's Call.	50	1.25
Galveston News, semi-weekly.	1.00	1.75
Green's Fruit Grower.	50	1.25
Godey's Magazine.	1.00	1.00
Houston Post, semi-weekly.	1.00	1.75
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Memphis Commercial Appeal.	1.00	1.00
Munsey's Magazine.	1.00	1.75
New York World, semi-weekly.	1.00	1.75
New York Ledger, weekly.	2.00	2.00
New Orleans Picayune, weekly.	1.00	2.25
Peterson's Magazine.	1.00	1.75
St. Louis Globe-Democrat, w'kly.	1.00	1.75
Scribner's Magazine.	8.00	8.00
Southern Cultivator & Dixie Far.	1.00	1.75

At 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, 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 order or registered letter if possible. Stamps taken when order cannot be obtained. Address TEXAS FARM AND RANCH, Dallas, Texas.



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AARON COFFEE.

Portrait of R. A. Corbett

R. A. CORBETT.
[Deceased.]

to know the best feed. It all swells after being fed.

Mr. Pierce: I claim to know a little about feeding, but I don't know it all. I try to feed what will be assimilated. An infant wants to nurse every few minutes—some of you, gentlemen, know that. Pigs want food at least five times a day. Make trough of cypress boards, line with sheet iron, and pour in feed and see how it works.

Mr. Bachman: Have fed sows largely wheat, and always with good results.

Mr. —: I feed sows very little until they farrow, and then keep corn by the pigs all the time until ready to kill. Have sows farrow all at one time and feed all together and all in the same way.

Mr. Wedel: The manager should judge the limit in feeding and this should be his guide. The main object is to make money out of hogs, and you can get nothing out of them unless you first put it in. Corn will swell like rice—not so much, perhaps. Soaked or cooked it is better and easier to digest. No feed, no hogs; poor feed, poor hogs. It is not good to keep corn by hogs.

A gentleman: Has any one here tried feeding cotton seed or meal to hogs by following cattle with them? Have heard that it is a cheap way to feed.

Mr. King: Feeding either seed or meal before or after cattle, will kill my hogs.

A member: It will kill mine fed in any form.

A gentleman: My hogs have been fed meal and they have not died.

President Pierce: You have been lucky, my friend.

CHEAPEST WAY TO MAKE GOOD CARLOADS OF HOGS.

T. C. Slaughter: I am a raiser of pork hogs, not a breeder. Mr. Wedel says raiser and breeder are different—one furnishes the breeding stock, the other furnishes the meat stock. Breeders can use fancy feeds regardless of cost. Raisers must feed for pork at least cost. I feed six to seven carloads. With wheat at 50 cents and corn 35 cents, I prefer wheat. Cost of husking and shelling brings the corn up to 39 cents. With wheat at 60 cents and corn 35 cents, would feed half wheat and half corn. With oats at 25 cents would feed half oats and half corn. I keep twelve sows; want them well matured, rangy, rather loosely built; boar heavy set, blocky, smooth, with short legs and good strong feet. Try to mate sows as near same time as possible. I breed only once a day. I keep two boars to make a car load. Sows have plenty of range; run on wheat, and have two ears of corn a day. Yes, they root a little, but the rooting does as much good as harm. I want pigs to come first of March. After farrowing, bring sows to full feed in ten days; first day only water, next, light feed, and gradually to full feed, plenty of range, and all the corn they will eat. Have no shelter. Watch sows day and night when about to farrow. When farrowing, put hurdles around them—they are ready-made and moveable. I wean pigs at two months. Want only one litter a year. When pigs are five or six weeks old feed them separately; believe in keeping feed before them all the time. When pigs are three months old I take sows away and put in pasture or stubble, with little, if any other feed. Then I keep pigs on full feed for awhile, and then turn out with an ear of corn each, per day, but feed plenty of bulky feed to enlarge the stomach. This will make big frames and big stomachs. At corn gathering, I turn the pigs in to get what is left of corn, peas, etc. After this I put a car load of pigs in a close pen, with two-thirds of it shelter, and give all the corn and water they will consume. Give some ground or cooked corn, or wheat, also sheaf oats, or other bulky food. On this full feed from 50 to 60 days, and ship out about 15th of December. Such hogs eat about fifteen bushels of corn each, and weigh about 200 pounds.

Mr. Wedel: Can hogs do as well on less range?

Mr. Slaughter: Yes, but not on restricted range, but they must have enough to keep clean and give plenty of exercise. Confined to corn they will not do well. As I said, I am not a breeder, but raise hogs for market. Furnish us the breeding stock and we will make the pork, and I will say that if there were no hog breeders, I would not be a hog raiser. Use only thoroughbred boars, the best I can get. Will use any good sows, but would not have a razorback male. The boar is more than half the herd.

Mr. Wedel: Do you think a good male worth \$25?

Mr. McGinn: Do you think breeders charge too much for their stock?

Mr. Slaughter: I can make more money than they can.

Mr. Clark: Glad the gentleman said my speech—it lets me off. Mr. Slaughter stated the relation of breeder and raiser right. I would buy as near home as I could get what I want; or would send to Kansas or Iowa. We should work together.

Mr. Slaughter: Some people think that salt will kill hogs. I want my hogs to have free access to salt, ashes and charcoal—one-sixth salt. If there is little lime in the soil would give lime also.

Mr. Smith: I feed corn; haul out with wagon; feed plenty, just as I do my children, my cows and my horses and my hired men; feed corn shuck and cob and all, and keep ashes and salt—half and half—where they can get it all the time, and plenty of water. Turn them on sorghum at proper time and let them clean it up. They never fail to weigh 200 pounds at 9 months. Have 60 acres Bermuda grass for them in summer. It is in four fields. Let them go in that. I breed twice a year. Fall pigs are just as good as any. Don't know what my feeding costs.

A question: Would it not be better to cut the sorghum and haul it to the hogs?

Mr. Smith: It suits me better to turn them on it clean and up clean. Best cattle follow and eat what the hogs leave. Costs too much to cut it.

VALUE OF GREEN FEED FOR HOGS.

Mr. Wedel: We all agree that green feed is necessary to cheap pork, whether hogs or men gather it. Its discussion is unnecessary.

Col. Skinner: As to the prices we pay for hogs, and the profits we make, I am willing to lay our books open to the inspection of this Association. Another thing: I received a letter from a large packer 60 days ago. He wanted to know how many hogs could be supplied here. Texas consumes more than 213,000 hogs killed at other markets. If we kill 213,000 hogs a year, it would not near supply Texas. No danger of over production—your youngest children will not see too many hogs or cattle raised in Texas.

Col. Skinner said he wanted to present some ideas as to the relation of packeries to breeders and raisers, but would prefer to-morrow as he had some facts to digest and figures to arrange. My company will offer \$100 for the largest number of improved hogs, and also a consolation award to those who fail to win the first premium. This will be arranged and published later. A telegram from Colonel Simpson was read, in which he sent greetings to the Association, regrets at not being able to attend on account of sickness, and containing some suggestions.

Adjourned until 10 a. m. to-morrow.

SECOND DAY.

Mr. W. E. Skinner, manager of the Fort Worth Stockyards, was introduced and made the following address, which was heard with great attention:

Mr. President and Gentlemen of the Texas State Swine Breeders Association Assembled: Looking upon the Fort Worth Stockyards as being closely identified with your interests, and although not holding a membership in your organization, we feel that much can be done by co-operation if we are not bound by closer ties than common cause, hence we feel that a few remarks from us will be received by your Association in the spirit intended.

The live stock and packing interests of this great state see in your body the fulfillment of their aims for the reason that the hog in his improved and multiplied condition will increase the packing industry of the state. The history of the live stock centers of the United States has been and will be that they will locate where hogs can be found in large quantities. Hog and beef packing are so closely identified and they so dove-tail in so as to make one a necessity to the other, and when both are to be found in large quantities there will soon follow large interests of the description. With a state containing an area of 274,356 square miles, 63,000 square miles greater than the German Empire, with a population of about two and a half million souls, nearly all meat consumers, and with a record of \$21,000,000 estimated worth of hog product consumption in one year, which we should certainly produce within our state, and not be compelled to send

nearly \$20,000,000 of it out of the state for this commodity at least. If we would handle ourselves right on this and other matters of interest to the general public in our state, we would not need to mind whether so small a section of our map as Germany puts embargoes against us or not. It is this that this organization get a move on itself and appreciate its importance.

There are two cattle associations in Texas that create quite a stir in their deliberations and they do not mean much more to our state's prosperity than your organization does. Some facts and figures from you that would be convincing to the farmers and feeders of the state as to why they should go into more extensive hog raising and improve those they already have would be much more conducive of results than through any other channel that might be employed on the subject. If every gentleman present will give this company the names of all feeders and farmers in his vicinity we will open up a campaign in the interests of this organization that not only will bring new blood into the organization, but increased business for the individual members. As a suggestion, an amount should be set aside for the directory's use in defraying the expense of disseminating the gospel of hog raising throughout the state. Further, the legislature should be asked for an appropriation to be made for the purpose of employing successful farmers or men of experience to visit from school house to school house and from farm to farm to find out what is needed in the various sections, and deliver appropriate discourses on the subject of diversified farming and to bring about general discussion as to what commodity will improve the condition of the farmer in each separate locality.

One set of ideas for a state the magnitude of ours is not commensurate with our varied soils and various local conditions. This should not be a political portfolio, but should be so conducted that the greatest good to the greatest number would come from it. Let this meeting be the date from which the greatest success of your organization shall arise from a resolve made by the members conjointly and singly to take a firmer hold and aid more than they have hitherto done to expand the influence of the Association so that when your next meeting will have rolled around the city hall of Fort Worth will have to be secured to hold your meetings in, or, still better, the main hall of the great fair building at Dallas. While the hog is in our opinion, the key to farming success in Texas, do not let us be selfish enough not to invite discussion on other products of the farm in a varied form; the betterment of the condition to increase the earnings of the farming lands in our state must redound to our mutual benefit as it must attract immigration of the right sort. As a suggestion, invite discussion as to whether it pays best to haul small grains into local towns for sale on local markets as against putting the grain at home on four feet and walk it off when ready to ship. There is a great field for discussion on this point, and we would like to have some of it here.

On motion a vote of thanks was rendered to Mr. Skinner for his address.

Mr. Slaughter: I endorse fully what Col. Skinner says about markets. I ship hogs for money, when I ship I know the prices at all the markets. I am satisfied with the prices here. But we need more packeries. It would give the market more snap, more competition, more active demand.

DISEASES OF SWINE.

President Pierce: I have just gone through a siege of cholera. My pigs were too fat; used bran and other feed, and have about got rid of the disease. First time I have had cholera. Some are all at night; down in the morning, and dead by 1 p. m. Some were constipated, others scoured; had fever, short breath; would not eat; lie on belly—not side; quit eating; sometimes a week without food. Fed just enough to sustain life. It is my opinion that hogs need just as good water as men. They will wade through tank to drink from the pipe. Sanitation is better than cures. They need fresh green food and some concentrated feed. Be careful not to impair the digestive organs. Feed so they will assimilate every particle eaten. Some one says this is the breeder's way of feeding; that raisers want a poor man's way. Some want muddy pens and corn, and then complain that hog raising don't pay. Let everybody feed and care for hogs the best way they can. Would like to suggest to the

Fair Association that when hogs are brought to the Fair from Northern states they should be quarantined. With hogs for the packery, it is different. We don't know what we eat, anyway, when we buy pork from the grocers. At the Fair hogs have died in the pens, and the disease spread, causing much loss. A protest would have kept them out. Quarantine them before they reach the Fair.

Colonel Skinner invited the Association to inspect the Packing House. Adjourned until 2 p. m. for this purpose. The Association went in a body to the Packing House, and were shown through every department. All seemed pleased with the operation and extent of the plant, and were convinced that all that was needed for complete success was hogs—more hogs.

AFTERNOON SESSION.

R. F. Butler: I am generally wrong, but I was born that way. A hog is different from man and other animals; they are filthy by nature, and filth agrees with them. The necessity for clean water is exaggerated. Give plenty of slop, and they don't want much water. Clean water is perhaps best, but it is not necessary. If you have not got it, take the next best. I believe that the hog's digestive organs are created with a capacity for utilizing filth. If I drink bad water it makes me sick, but it don't hurt hogs. Let them have access to ponds and mud, for the hog is not a cleanly animal. Mud is good for them; it kills lice.

Mr. Slaughter: How about dirt-eating hogs? Does not the dirt hurt them?

Mr. Butler: Well, yes, I am opposed to extremes about hogs; they get disease from wrong feed, but not from filth. I had one nearly killed by corn fever. The hot winds of July make smut on corn. This kills horses, but veterinarians say it will not hurt mules nor hogs. Animals are different in their requirements. Would like to hear this discussed.

Le Baron: Uncle Snort's hogs are not like others.

Uncle Snort: Let me say that I got my best hogs from Mr. LeBaron.

Mr. Cavitt: We do not produce one-twelfth of the bacon used in Texas. By disseminating knowledge, we will change this unreasonable all cotton practice. Citizens will find other crops that pay better. No danger of overproduction of hog products, for we produce only one-twelfth of what we consume. As Colonel Skinner says, the population of the state is growing faster than hog production. Gentlemen, this is the most important association in the state, and this the most important meeting of the Association. It is bringing about a change that will benefit the whole state and everybody in it. I hope the papers will publish Colonel Skinner's paper. Let us find the best way to obtain, to raise, to care for, to breed and to feed hogs. This subject has been neglected. We have not a book in our language devoted exclusively to diseases of hogs, and we must go to Germany for our knowledge on this point. I have loved hogs from infancy—love every part of the hog, from tail piece to snout, from backbone to chitterlings. We are sending out \$30,000,000 a year for hog products. Was informed that three merchants of Waxahachie sent out last year \$30,000 for bacon alone. Of course, we complain of hard times. Our people, for instance, have \$15 per capita deposited in banks; those who have furnished us pork have \$150 per capita—just ten times as much. This is the grandest industry for building up the State. We have every resource to make it grandly successful. Then let us agitate, agitate, push it from now on. We must learn to care for our hogs right; must give good food in the right way, and clean water at all times. Uncle Snort, do you know that the hog has the same kind of vicera as man? Anatomists tell us that there is hardly any distinction between the two. Many of us have drank filthy water and suffered; and many of us have had hogs to suffer from the same cause. All men who have tried pure water say it is important—at least, the best water you can get. Hogs should have their treatment before they get sick.

President Pierce: We started with only half a dozen members, now we have about 100. I am proud, gentlemen, of the men of ability who are now with us. Such men as Maj. Cavitt, Col. Prather, Gen. T. N. Waul, Hon. A. J. Rose, Hon. A. J. Nance. This is the result of missionary work. Once we were poor and weak; now we are proud and strong.

Mr. Dunbar: I have been a member

layer of meat, and so on, until all is put away. The shucks keeps the meat from rusting, and gives it a sweet taste. Good luck to **TEXAS FARM AND RANCH.**
Wilmer, Texas.

THE AUTOCRATIC PORKER.

C. A. ROBINSON, in Western Rural.

You may talk about yer venison, yer bar-meat an' yer fowl,
You may blow yer horn 'bout everything from turkey down to owl;
You may chirp about yer quail on toast an' sich as that, you see,
But the fine old fashioned porker is good enough fer me.

You may spin long yarns on beefsteak, on rabbit an' on snipe,
On all that's good to swaller, from ox-tail soup to tripe;
Yer meat may run to water 'bout chicken fricassee,
But old-fashioned ham and gravy is good enough fer me.

You may think the country over fer something fit to eat,
In the line of coon or 'possum, other kind uv meat;
You may chew a tough old brisket cove, so old she couldn't see,
But the old style roasted pork-rib is good enough fer me.

You may grind up meat and mix it with pepper and with salt,
Then add a little garlic an' yaller meal an' malt,
An' yerbs an' roots an' onions, an' a little catnip tea;
But old-fashioned country sausage is good enough fer me.

You may feast on shiny fishes, on bass an' carp an' eels,
That's purty much a owin' to how a feller feels;
But what a feller's raised to he'll generally be,
An' the hog an' all that's on him is good enough fer me.

Jest kill a thrifty porker, about two hundred pound,
Hang up a side uv spar-ribs and watch 'em turn around
An' siz an' spud an' sputter before the open fire,
Hung to a nail in the mantel an' strung up on a wire.

Now, set a pan below it, upon the brick hearth flat,
An' see the gravy trickle down from lean meat an' fat,
Sich grub might not be fittin' for the king or his grade,
But it's old-fashioned country eatin', an' it's good enough fer me.

Then when yer pig has cooled enough, take down that biggest half,
Strip up the juicy tenderloin an' watch the children laugh,
Now slice the pieces crossways about a quarter thick,
An' fry 'em on a frisky fire, so they'll get done rite quick.

An' in the bottom gravy jest break a dozen eggs
Laid by them greasy Plymouth Rocks, consarn their pecky legs;
Jest draw up the table now, with neither fine nor fee,
Of course its this country truck, but it's good enough fer me.

You folks that's livin' in the town on dried-up mackerel
An' codfish balls an' terrapin an' second hand bolony,
Come out into the country once, yer welcome an' yer free;
You'll find the porker good enough for either you or me.

The Farmer's Congress met at the Fort Worth Stockyards, on the 19th, but as the Swine Breeders had assembled for the purpose of discussing the hog question only, they did not allow the congress to interrupt their business, except for thirty minutes to hear, by invitation of the Congress, one of the congressmen deliver an address. The Swine Breeders refused to swerve in the slightest from their programme and rules, and consequently they were enabled to meet in open session for two days, and freely discuss topics concerning their business, without a moment's friction, or a suspicion of disorder.

SWINE RECORD ASSOCIATIONS.

Below will be found the addresses of the Secretaries of the Swine Record Associations. The Secretaries will please notify us of any changes made and are also requested to furnish us with any items concerning their respective organizations:

Victoria Swine Breeders' Association—Mr. H. Davis, Dyer, Lake county Indiana.

American Berkshire Association—Mr. Chas. F. Mills, Springfield, Illinois.

National Berkshire Record Association—Mr. E. K. Morris, Indianapolis, Indiana.

American Small Yorkshire Club—Mr. Geo. W. Harris, New York City, N. Y.

National Duroc-Jersey Record Association—Mr. Robt. J. Evans, El Paso, Illinois.

Cheshire Swine Breeders' Association—Mr. G. S. Button, Chittenango, N. Y.

Standard Poland-China Record Company—Mr. Geo. F. Woodworth, Maryville, Missouri.

Standard Chester White Record Association—Mr. W. H. Morris, Indianapolis, Indiana.

The Ohio Poland-China Record Company—Mr. Carl Freigau, Dayton, Ohio.

Todd's Improved Chester White Record Association—Mr. C. W. Baker, Delaware, Ohio.

The Northwestern Poland-China Association—Mr. J. B. Besack, Washington, Kansas.

American Duroc-Jersey Swine Breeders' Association—Mr. S. E. Morton, Camden, Ohio.

The Central Poland-China Swine Association—Mr. W. H. Morris, Indianapolis, Indiana.

The American Poland-China Record Company—Mr. Wm. M. McFadden, West Liberty, Iowa.

The American Essex Association—Mr. F. M. Scout, Moline, Illinois.

The Cheshire Record Association—Mr. R. D. Button, Cottons, New York.

American Suffolk Association—Mr. W. F. Watson, Winchester, Indiana.

International Ohio Improved Chester Record Association—Mr. Herbert A. Jones, Hilmrods, N. Y.

We are highly pleased with your paper, it has made us a good many sales. Our sows are all sold, and most of them have gone to **TEXAS FARM AND RANCH** readers, and also our intercourse with your people has been very pleasant to us. We are glad to see the people down there taking so much interest in hogs. They have made our land worth one hundred dollars per acre. We have fine cheese factories in this Township of six miles square. They receive from 5,000 to 10,000 pounds of milk each, per day, according to the time of the season and they put out nothing but full cream goods. Tell your farmers to diversify their crops more, raise a little of everything you used and it will bring you prosperity.—JOHN SCOON, Chillicothe, Ills.

I enclose you twenty cents to pay for a **TEXAS FARM AND RANCH** binder. Please send it at once. I have been out of farming for sixteen years, and have just returned to it. The first thing I did, after deciding to come to the farm, was to subscribe for **TEXAS FARM AND RANCH**, and I am reading it closely for information, and don't want to lose my papers.—A. W. CARPENTER, Del Valle, Texas.

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The John March Co.'s Chemical Dehorner offered this their seventh year, has often been recommended by **TEXAS FARM AND RANCH** for the prevention of the growth of horns. It is a necessity to the Texas stock growers. For pamphlet address, 60 River St., Chicago.

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DR. CROW'S ANTISEPTIC HOG REMEDY WILL PREVENT HOG CHOLERA.

If given a fair trial. Just such a trial as any reasonable, intelligent farmer or breeder would be willing to give. DON'T GET RATTLIED, but follow the directions, which are plain and simple, and the results will surprise you as it has many others. We do not claim to restore life to the dead, but we have met with wonderful success in treating herds, and convinced many of the strongest skeptics of the potency and value of our remedy. Being breeders ourselves, and knowing of the many worthless, so-called remedies with which farmers have been inflicted, we do not wonder that they hesitate. We have received numerous testimonials, and are receiving others almost daily, from farmers and breeders who have used the remedy to their satisfaction in preventing or curing the cholera. Breeders' testimonials are treated confidentially. A strong point for our remedy is that we have appointed the very best breeders and farmers as agents upon their own application after they had convinced themselves personally of its worth.

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The safest and cheapest way is to keep CROW'S REMEDY on hand and feed it regularly as a tonic and preventive. This will insure growth and health, and save you hundreds and perhaps thousands of dollars yearly. But if you have neglected this precaution until disease has actually attacked your herd, do the next best thing: order a box of the Remedy without delay and stamp out the disease with as little loss as possible.

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Taft & Co., Agents, Humboldt, Iowa.

PEDIGREED Poland Chinas, Shorthorns. J. H. TAYLOR, Pearl, Kansas.

PURE BRED BERKSHIRES. For prices, call on J. GILLETTE, Wrightsboro, Gonzales County, Texas.

HESTER GROVE BERKSHIRES. Registered stock for sale at all times. Write us. BAKHT & HESTER, Box 12, Corsicana, Tex.

Poland China Pigs. Sire and dam registered. Prices to suit the times. C. W. THOMAS, Pottsville, Texas.

ESSEX. The World's Fair herd took \$345.00 on 13 head. 16 prizes at Texas State Fair. Choice recorded stock of all ages for sale. THOMAS TAYLOR, Waynesville, Ills.

REGISTERED Berkshire swine, milk Durham cattle. Fine horses bred and for sale at all times. Correspondence solicited. W. J. COOPER, Holland, Bell Co., Texas.

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

FOR SALE CHEAP—One 2 year-old registered Poland China breeding boar, thirty choice pigs. J. W. PROBE, Hills Prairie, Texas.

BERKSHIRES. We are now taking orders for pigs to be delivered in April or May. Nothing but good stock sent out. Prices reasonable. Please write your wants. JOHN SCOON & SONS, Chillicothe, Illinois.

Springdale Jersey Farm. Registered Jersey Cattle and English Berkshire Swine for sale. W. A. FONDER, Denton, Texas.

MILL CREEK STOCK FARM. GEO. P. LILLARD, Prop'r. Registered Berkshire hogs and Light Brahma fowls of best breeding. Prices reasonable. SEGUIN, TEXAS.

WILLOW STOCK FARM, ALLEN T. MURCHISON, Prop'r. Breeder of Berkshire Hogs and Fine Horses, Farmersville, Collin County, Texas.

Bell County Herd of POLAND CHINA swine. Pigs for sale at all seasons. Stock the best. Come and see me and be convinced. A. W. PARKETT, Holland, Texas.

CENTRAL MISSOURI HERDS of pure bred Chester White and Poland China hogs. Best strains. Write for what you want. B. W. McILHANNY, Sedalia, Mo.

CEDAR VALLE HERD POLAND CHINA SWINE. One breed, the best of the breed, and the best bred for the South. All ages; pairs and trios not related. The great show and breeding boar, YORK WINTER. No. 2231 at head of herd, assisted by DOUBIE WILKES 8779 and two other grand breeding boars. H. E. HINGELTON, Proprietor, Lebanon, Collin Co., Texas.

For Sale—Pure registered stock. I have the best. They are the healthiest, gentlest, prettiest, and fatten on less feed than any hog grown, weighing from 400 to 600 pounds at 15 months old. Are prolific breeders and excellent mothers. Let every progressive farmer try them. W. R. OAVITT, Bryan, Texas.

LARGE ENGLISH BERKSHIRES. Of all ages, from the very best imported and home bred prize winning boars and sows. We have sold many of the best Berkshires in Texas. Can do it now. Also 14 Brahmas, Bronze Turkeys and B. Leghorns. Free catalogue of 81 pages, and other valuable information. Prices low. JNO. B. THOMPSON, Plattsburg, Mo.

PIONEER HERD of fancy bred and registered Poland China swine. Can furnish pigs in pairs not related. My breeding stock was bought of the very best herds and experienced breeders of Indiana, Illinois, Kentucky and Texas, regardless of cost, knowing that the best was none to good. I also have a spaying and stockman's needle invented by me. Best thing out. Satisfaction guaranteed. Address J. A. BLOW, Napa, Texas.

Sterling Silver Thimbles, 15 cents. Sent on receipt of price. W. B. NORTON, Durand, Ill.

BENNETT STUMP PULLER—9 Sizes Horse and Hand Power. Prices \$25 to \$150. Three Days Trial. Cat. & 1000 rec. free. H. L. Bennett, Westerville, O.

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COMING BACK AT THEM.

UNCLE SNOOT.

I have remained silent on the poultry question now for a long time, and one of the reasons why I have been silent so long is because I seldom ever wrote an article on the poultry question that some one did not fly into me and prove that I did not know one thing about poultry or poultry raising. Well, I know that I don't know much, but I do know that a Leghorn and Langshan cross is about one of the best all round chickens I have yet tried. Bro. Carroll to the contrary notwithstanding. And now, Bro. Carroll, I don't care how you cross them. And then there is another thing that I know, and that is, if the advocates of the theory that lice eat on the poultry all night and then slip off the poultry and get down on the roost poles, or on the house, or some convenient place to smooze through the day, that there is a strong probability that some of them came very near freezing to death during the past three weeks. I would like to see some of those fellows face to face and get them to explain to me how their poultry lice manage to keep from freezing to death when the thermometer is swinging close to zero. And then I would like to bet them some two or three dollars and fifteen cents that there is not a single one of the crowd that ever saw a genuine poultry louse on a roost pole in their lives. And then I would bet the same that if I was editing a poultry journal or a journal that had a poultry department that I would never allow such misleading articles to appear. I take three poultry journals published in Texas, and I seldom read one of them that I do not see some learned advice to the poultry raisers to clean up their houses, whitewash them and smear something on the roost poles to rid the poultry of lice.

Not long since a very intelligent lady told me that while at the Dallas Fair she bought a fine cockerel from one of our big Texas poultry raisers, and that when she got it home she noticed that it kept constantly throwing its head from side to side, and that upon examination she found the poor thing literally covered with lice. The husband spoke up and said: "Yes, and there were numerous places on the poor bird that were eaten perfectly raw." I guess that poultry raiser belonged to the "white-wash" crowd.

Say, Bro. Carroll, I have made me an incubator with the lamp directly under the water tank and the eggs directly over the water tank. It has now been running nearly two weeks during this terrible weather and the eggs are incubating nicely. How's that?

HOW TO SET A HEN.

H. B. GEER.

One morning several years ago, a rich man sent his colored servant to our place for a sitting of eggs. We sold him a sitting of fresh ones, from stock properly mated, and thought nothing more about it, until about three weeks afterwards, when the same colored man came to us again with the information that "the boss" was mad about the eggs because they didn't hatch, and wanted to know what we would do about it. We soon decided to give him another setting and to go along with the colored man and to sit them ourselves.

The hen was still on the nest on the eggs that didn't hatch—or rather, what was left of them. We took her off the nest and whistled. Such a nest for a setting hen we never saw before. It was in a barrel, and in the bottom of the barrel there was an armful of kindling wood over which a piece of carpet had been thrown, and that was the nest. It was full of ridges and hollows, some points of the sticks beneath being higher than the eggs.

The hen, which was a large one, had broken over half of the eggs in flying in and out of the barrel. We had the latter cleared of all rubbish and laid down lengthwise and staked at the sides to prevent rolling; then we nailed a strip across the lower front end of it, made a large roomy nest inside of soft hay, and set the same hen over again on the fresh eggs we had brought, and with good results too, for she hatched all of them but two.

In sitting a hen two points, in particular, should be observed. First, to make the nest large and roomy, and second, to place it so the sitters can get in and out of it without having to jump, or fly up or down. Hens break their eggs from

having their nests too small, and by having to jump down two or three feet to get to the eggs.

Large hens are often condemned as sitters by persons who don't know how to set them. They make the nests small and high at the sides, and broken eggs particularly at hatching time, is the result.

Make the nest on the ground if convenient, but it is not urgently necessary. A nest in the loft, or an elevated box is quite as good. A hen that is not disturbed will hatch well in a large nest anywhere. People often cite the hen in the weeds that hatches so well. Very true, but she hatches no better than the hen in the hay loft. In each instance they simply have nests of their own selection and are undisturbed. That is the point—the peace and quiet of the hidden nest is what brings the good hatch. The hen can come and go as she pleases, and she keeps in a normal condition and is never feverish, worried or excited.

Never sit a hen where other hens can get to her and worry her. Put her to herself, and have it so she can leave the nest and return at will. If she has to be moved from where she has been laying, give her only a few eggs at first until she gets used to the new location, and then set her. Don't worry her at hatching time, further than to remove the empty shells. And, don't help any of the chickens out of the shell. If they can't get out without assistance they will die before a week old.

Nashville, Tenn.

Strange

waste of harness and shoe-leather! Vacuum Leather Oil is best. Get a can at a harness- or shoe-store, 25c a half-pint to \$1.25 a gallon; boot "How to Take Care of Leather," and swab, body free; use enough to find out; if you don't like it, take the can back and get the whole of your money.

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Correspondence.

EVERY BITTER HAS ITS SWEET.

WAXAHACHIE, TEXAS.

Editor Texas Farm and Ranch:

I have been hearing that all my life, but if there is anything sweet in this camp meeting cold spell we are having, I have not found it. It has frozen my fine chickens' combs, the rabbits have gnawed my peach trees, the cows have about eaten up the strawstack, the baby has been sick with a cold, wife has been on the war path because I have been staying too close to the stove, and I have blown my nose till I won't be able to do any more blowing or crowing for the next twelve months. My feet have been close to zero two hundred times in the past three weeks, and I have had a gum boil on the end of my nose. The next time Texas takes a trip North, I am going to take a trip South. I am used to blizzards, but the blizzards that I catch are generally red hot. If I was not afraid that you would tell my wife, I could tell you where these red hot blizzards come from. I warm my feet by the stove before I go to bed, but wife warms her feet after she goes to bed. I never want to hear that song about beautiful snow any more. I do wish some one would write a song about beautiful sunshine. If I ever come across that fellow who started that song about those "two little girls in blue," there is going to be war and bloodshed. The fact is, I don't believe one word of that song. I am beginning to feel a little better. There has been about two hours of sunshine to-day, and the prospect now is that we are going to have warm weather—the tramps are going North. I gave me his breakfast the other morning, and I am expecting the main army on soon.

I am not on the war path; you know that I always keep sweet, but there has been a great deal of loud talk about free silver, and I have waited and waited for it to come, but it don't materialize, and I tell you that I am needing some silver awful bad, and if they don't send a few carloads of the stuff down this way pretty soon, they are going to hear from me, for I tell you that I am tired of so much talk, and so little money. (I

mean free silver.) There is plenty of money in the country, but it don't seem to be free. I see lots of fellows with money, but they always chuck it into their pockets and walk off. They don't say to me one time, "Have some of it." If they don't get that free silver law in operation pretty soon, I am going to have to go to work, and you know that that would just break my heart. I am awful tender hearted on that line. When I was a boy, my parents used to give me lessons in "English hickory" about work, and it seemed to turn me against work, and I have never liked work since. Now if you think that it is probable that we are to have free silver, I can afford to wait awhile longer rather than go to work. It seems to me that we ought to agitate the question a little more, for the fact is beginning to dawn on me that we must have free silver or go to work.

UNCLE SNOOT.

MELONS FOR STOCK.

SEYMOUR, TEXAS.

Editor Texas Farm and Ranch:

Allow me a little space to write my experience in raising stock melons. Stock melons are easily raised, and they are good feed for cattle, hogs and poultry. Two years ago, there were about three melons left in the field. I pastured the field before sowing for wheat, so a good many seed got scattered from those three melons on the field. I put in wheat and plowed under. Next year in cutting my wheat I noticed no vines, at least if there were any, they were small. In November I hauled from that field five big wagon loads of melons, with no seeding, no cultivation, no expense. At this writing, I have a big load on hand yet. It is the Kansas stock or pie melon. I bought the seed from a Northern firm. Any reader of TEXAS FARM AND RANCH wishing some of these seeds, by enclosing stamps for postage, I will send some seeds to plant for this year's crop. We are bottling some every day for the hogs, cows and poultry, and it is just A No. 1 feed. They grow to a large size.

MICHAEL HILTI.

Fort Worth Gazette: The agricultural interest of Texas has been shamefully neglected by the refusal to provide an agricultural department.

VETERINARY.

When veterinary advice is desired by mail and without delay, Dr. Folsetter should be addressed directly, and one dollar enclosed to secure prompt attention. Queries addressed to TEXAS FARM AND RANCH for publication will be answered, each in its turn.

I have a pony that is in a very bad condition, and ask through your veterinary columns if it can be bettered. The pony was brought here last spring from west Texas, and of course I know that he is not acclimated in this low coast country. He has a very sore mouth; his gums being swollen nearly even with his teeth. His appetite seems to go and come, sometimes for two weeks he scarcely eats enough to keep him alive and again he eats well. He seems to have a great many worms and at times passes them. He seems very slow to shed hair, which is shaggy and he is very poor. Tell me what to do for him.—H. P. NEVILL, Angleton, Texas.

ANS.—Take Barbadoes aloes, one ounce; dried sulphate of iron, six drachms; aroca nut powder, one ounce; tartarized antimony, three drachms; rucus vomica, two drachms; make into twelve powders and give one once a day in the mouth with a tablespoon.

I have a Red Jersey Pig with a lump on his left shoulder. When first noticed it was about the size of a pea, and now it is about the size of a dollar, and the pig is four months old. The place looks like it has a coat of tar on it and is very easy to make bleed. Please give me a remedy to remove it.—F. M. Taylor, Concrete, Texas.

ANS.—Dissect it out with a sharp knife and apply oxide of zinc ointment to it once a day till well.

I have something the matter with some fine Berkshire pigs. They are taken with short breath gets shorter and shorter until dead. I have lost three and two more are sick. If you can tell me anything to do for them will be pleased.—E. A. CLAYTON, Big Springs, Texas.

ANS.—See answer to "subscriber" in last issue of TEXAS FARM AND RANCH.

Would like for you to tell me what is the matter with my pony. He is fed a gallon and a half of oats and good hay a day. He has something the matter with his eyelids; the skin peeled off and left his eyes white. He does not scratch it any. He sees all right.—A. SUBSIDIARY, Austin, Texas.

ANS.—Apply mercurial ointment (blue ointment) to it twice a week for a few applications.

I have been losing some sheep, and upon examination find generally about two large worms in their nostrils. They are about the size of an ordinary grub worm. Please tell me what causes the worms, and remedy, if any.—W. W. LEONARD, Running Water, Texas.

ANS.—The disease is known all over the world wherever sheep are kept.

The worm is deposited inside of the rim of the nostril by a fly called the Aestrus ovina, or sheep gad fly. There is no treatment that proves successful. Blowing tobacco smoke up the nostrils and injecting a half ounce of equal parts of turpentine and linseed oil is recommended, but on account of the anatomical structure of the nasal chambers is hard to apply.

I have some Angora goats, and they are full of lice. What shall I do to remove the vermin? The fleece on the animals is very heavy and I imagine it will be difficult to remove the pests.—G. W. JENKS, Stephenville, Texas.

ANS.—Apply any of the sheep dips in use the same as to sheep.

One of my neighbors has a mule that has been lame some five or six weeks in right hind leg, and there is no visible cause for his lameness, unless it be that his hip is perished a little, but may this not be a result of the lameness rather than the cause? The mule is five years old, is in the fit and as hearty as a pig. He don't appear to be very lame, except when pulling, going up hill or when he runs. When running and playing he will go on three legs.—W. W. JACOBS, Oscar, Texas.

ANS.—Take equal parts of turpentine, liquid ammonia, tincture of cantharides and olive oil and apply well rubbed in to the coronet, or from the ankle to the hoof, once a day and give animal complete rest.

Please give me a remedy to kill lice on hogs in your next issue. Is sulphur good?—F. M. TAYLOR, Concrete, Texas.

ANS.—Wash all over with soap and water, with a little kerosene oil added. Or let them wallow in mud and water.

The hogs in this neighborhood are dying in great numbers. At first they stop eating, probably eat heartily at night and next morning will not touch feed. Lie down and look stupid refuse to eat, get weak in the rear and stagger; do not want to get up, and in a majority of cases the eyelashes seem to be stuck together with thick water, not matter. Can you suggest a remedy.—W. G. BERING, Valdez, Folk county, Texas.

ANS.—We do not know what the disease is from the description you give. Remove the diseased ones from the well ones and give them some turpentine in their slop—about one-half ounce to the hog, once a day for a week.

Western Plowman: Lard is worth 15 cents a pound; wheat, 45 to 60. One bushel of wheat increases live weight in hogs about 12 pounds. We can draw our own conclusions. There is nothing like intelligence in every step of our labors.

house has been in successful operation at Dallas, our eastern suburb, and others must be built and present ones enlarged, and this result, gentlemen is in your hands. There is no reason why we cannot raise hogs cheaper here than any where, and supplant much of our present unprofitable industry. Better raise four cent pork than four cent cotton. Interchange of thought will benefit us all, and discussion and the dissemination of knowledge will add largely to your numbers. It is, and ought to be the greatest organization in the state. The city of Fort Worth extends to you, gentlemen, a hearty welcome; take what you want; ask for what you do not see, and command any citizen of Fort Worth for anything you desire. All is at your disposal.

R. F. Butler (Uncle Snort): Can't understand why I was selected to respond to the welcome of the mayor of Fort Worth, for I can't talk, you all know that. My mother told me, when I was born I did not utter a cry for several days. Some said I was a deaf mute; others, wiser, said I was an idiot. I have known Fort Worth since it was an infant, and she is one of the grandest cities in the South, and I love her, if for nothing else, because when I was married I bought my wedding suit there. Mr. Mayor: you have generously offered to give us what we want. If you find any of us laying around loose, please take care of us. I am proud of the Swine Breeders Association, and am proud to be one of them. I know these men—have known some of them for years, and no better men can be found anywhere. I was glad when Mayor Paddeok said Texans have as much intelligence as any other people. Last year I traveled through several states between Texas and West Virginia, and when I noticed how the farmers of the states I passed through work and live, I thought that every farmer in Texas ought to grow rich. Their superior industry, and closer economy is a necessity—it is root, pig, or starve. No state is better adapted to hogs than Texas. In my county of Ellis, every farmer is talking hog. Visit them at their homes and they talk hog; meet them in the road and they talk hog. One reason why we have not done better is because we did not know how, but we are here to know. We thank you, Mr. Mayor, for your kindly welcome, and we thank the city of Fort Worth for her genuine hospitality.

Col. Skinner: The mayor says he is outside of his jurisdiction, and not responsible for this corporation.

The Mayor: Gentlemen, it is all yours; help yourselves.

Col. Skinner: We turn the whole thing over to you; and if that is not enough, we will annex Fort Worth, and give you that.

Mr. Trezevant: The President said nothing but hog is to be discussed. When a man becomes bald and gray he is likely to become reminiscent. I can but weep when I reflect upon my early association with the hog. My boyhood days were made glad with spare ribs, sausage and cracklin' bread, and well do I remember the rhythmic couplet addressed to me when a boy:

"Oh, Simon, Simon, what's a pig
That you shoud weep and wail?
Bear you like a butcher boy,
And you shall have the tail."

Did you ever, as a farmer's boy in the olden time, have a chum? There is nothing equal to a negro boy for chum. He will share your ribs and 'taters and ash cake with utmost glee. I was once attacked by a hog in Missouri, during the war, and in self defense I slew him. This about limits my practical knowledge of hogs; but I heard of a man who called on an East Texas hog raiser and wanted to see his herd.

"Where are your hounds?" asked the hog raiser.

"I have no hounds," was the reply.

"How the hell do you expect to see my hogs without hounds?"

This, gentlemen, is not the kind of hogs you are here to advocate; you can raise hogs equal to any in the world. As representative of the Texas State Fair and Dallas Exposition, we will do everything we can to develop swine breeding, and every other industry of the state. At our first fair there were about two exhibits of swine, and Mr. Singleton sold about \$75 worth. This has grown with the growth of the Fair, year after year, until last fall we had the finest and largest exhibit of swine ever seen in the South, and I am assured by men who know, that no finer hogs are produced anywhere. The hog is not supposed to be a poetical subject, nor to inspire the higher emotions of

the artists, but if Hogarth's "line of beauty" is the highest expression of form, it exists in fine, fat hogs to perfection. They are, on every side, and also on hams and shoulders, a succession of curves, without a single angle. Some capitalists organized a live stock association to raise hogs in Texas, and they had compiled figures to show that a man with one sow could make a clear profit of \$1,000,000 in five years. Now, just suppose a man had two sows, or ten sows. Imagination staggers under the huge possibilities of hog raising on paper. But you are here to teach each other how to raise hogs in reality.

Now, gentlemen, we wish to make our Fair catalogue to suit you. We want you to select your judges. We want all men to know what Texas has, and what she can do. We don't realize our losses. There is no profit in cotton; but hogs can be made to utilize crops easier raised, and made more profitable by being converted into meat. In less than ten years we will be exporting hogs to as great an extent as we export cotton. The farmer who lives at home can raise cotton at a very low cost and no country can compete with Texas in cotton. Now, gentlemen, bring the best you have to our Fair, and we will have the best fair ever seen in the South. The great St. Louis Fair, open 48 days, took in \$108,000; the Dallas Fair, open 16 days, took in \$109,000. Please notice this comparison, it means something.

Col. Armstrong: I came here at the instance of the Dallas Packing house, to see and confer with the swine breeders, and I want to give the hog men a chance. Thirty-five percent of the grocery business in Texas is hog products, and this is all cash, and nearly every dollar of it goes out of the state. We have the only successful packing house in Texas. It is competition we need. This year we kill only Texas hogs. I am here, gentlemen, to learn. You raise the meat, the packing house will save it.

W. E. Cavitt, Wm. L. Prather, G. E. King, and H. E. Singleton were appointed a committee to confer with the State Fair authorities.

Col. Aaron Coffey delivered the following address:

Gentlemen: There are present prominent breeders of swine, and farmers, who combine hog raising with other farm work, and the breeding of horses, mules, goats and sheep. The old Southern plan of planting all cotton to buy other necessities which could have been produced much cheaper at home, is being rapidly abandoned for a more sensible and safe plan, which may be properly termed diversified farming. I will remember the popular idea of raising more cotton to buy more negroes, to clear more land to raise more cotton. The cotton planter who raised his own meat and corn to feed his team was considered a rara avis. Ohio and Indiana pork and beans and flour; Kentucky, mules and horses, whiskey and tobacco, (and the latter two luxuries are all the rage still), were supplies annually sold to cotton raisers of the South. Under the old regime of negro slavery such a plan was made possible, but with the emancipation of the blacks a change became necessary if we would rebuild our waste places, caused by the ravages of the civil war. Old customs, which had become so deeply rooted are always hard to eradicate. If philosophy is true in the idea that advancement comes to a people mainly through bloodshed, then ought our Southern people to be prepared for a higher civilization. A great Northern statesman once said: "The downfall of slavery in the South would in time kill the goose that laid the golden egg for the North and West, for she would become their great competitor in the raising of food supplies, and in becoming the great manufacturing center."

And when we consider that in 1894 the South produced 459,013,882 bushels of corn, or two-fifths of the entire crop, worth \$241,630,560, against 313,088,602 bushels for the rest of the country; or, if we consider merely the yield of Texas for 1894, 69,338,676 bushels, worth \$38,829,659; 2,800,000 bales of cotton worth \$61,000,000; wheat 7,000,000 bushels, worth \$3,500,000; oats 20,000,000 bushels, worth \$6,000,000; not to mention cattle, hogs, sheep and other products, is not our Empire State and the South rapidly approaching that golden era? I implore you Texans, Southerners, to weigh well the words of Armour, lately uttered: "The South, as a market, is worth to me two Europes." Think of it; \$17,000,000 paid by Texans for pork and bacon in 1893. Shall we remain impoverished by permitting such leaks to sap our prosperity?

A Singleton, a Ford & Son, a Pierce, a Cavitt, a Taylor, and many other distinguished swine breeders, enter their emphatic protest. But unaided by the farmers of Texas their noble efforts will be imperfectly rewarded; and I might add that without the necessary capital to give us cold storage and packeries, the benefits to accrue must be minimized. Fort Worth, Dallas, Houston and San Antonio have started the ball, and given it such an impetus that we pork raisers may, in the near future, have no dread from any want of capital. The cry of the chronic grumblers that a danger arises of "overproduction" of pork, must not be heeded. A reduction of cotton of at least 25 or 30 per cent is a necessity, if we would realize any remuneration beyond the cost of raising it. We must raise more corn, more hogs, and less cotton. Our safety lies only in diversified farming. Again would I shout it from the house tops, that we must learn to raise cotton, corn, wheat, hay and hogs, at less cost. The day of 7 and 8-cent cotton, 75-cent corn, 75-cent wheat, \$10 per ton hay, and 5-cent pork, must be in the future the exception and not the rule. All who cannot raise cotton at 5 to 6 cents, corn and wheat at 25 to 40 cents, hay \$8 to \$7 per ton, and pork 3½ to 4 cents, must sooner or later meet the inevitable. That cotton in Texas can be raised on the intensive plan at 3½ cents per pound where fertilizers are not used has been demonstrated. If wheat has been raised in Iowa and Minnesota at 17 cents per bushel, corn at 12½ cents, hay at \$4 per ton, and pork at 2½ to 3 cents per pound gross, why cannot we, with our fine breeds of Poland China and Berkshire hogs raise pork as cheap? A certain Texas farmer with an improved breed of swine, by feeding the pie melon, sorghum, with oats, Bermuda pastures, using little corn until time for fattening for market, made pork at a cost of 2½ cents per pound. So you see at the nominal price, 4 cents for pork gross, his profits would be remunerative. Texans, we believe we are on rising ground, and a brighter era of prosperity must follow.

Adjourned to 2 p. m.

AFTERNOON SESSION.

President Pierce: The city of Fort Worth has tendered the Association 100 complimentary tickets to Roland Reed's play of The Politician. (The tender was accepted with thanks by a rising vote.)

Mr. Ed R. Dorsey of Peoria, Ill., was introduced to the Association, and made a few remarks, expressing his pleasure at again meeting the hog men of Texas.

GROWTH AND CARE OF BOAR.

H. E. Singleton: Most people came loaded. I am not. I believe I know how to treat a boar, and will try and tell what I know. The most important thing is to exercise; this has more influence than anything else. Select boar from strong parentage, known for their progeny for producing thrifty pigs. Wait until seven or eight months old. It is a mistake to buy young to save money. Send a boar with good loin; not too lengthy. Medium size; good feet; short back; not growthy. He should not look like a barrow, but like a boar—one that is up at 5 o'clock in the morning looking for a sow. A good boar will worry, get off his feed; bad to feed; will eat for a while, but again get off, and take two or three weeks to get back. Feed a boar wheat, oats, barley, etc. Some object to too great a bill of fare, for a hog will do well on less. We suggest what we believe best. Come as near this as you can. Feed artichokes, potatoes, beets and other roots. A boar should not be used under 8 or 9 months; should not be allowed to run with sows. Turn the sow to the boar, not boar to sow, and put them together no more during that season. Keep boar in lot to himself; have a good fence and he will not be breachy. You can turn a bull as easily as a boar that is breachy. Don't let him fight you, or you will get the worst of it. Boar should be kept in good condition; not too fat. Give no more than one service a day, and one every day will not hurt him if necessary.

Mr. Butler: That is the best talk I have heard at any of our meetings. Am glad he said that all this fine feed is not necessary to make a hog.

Mr. Wedel: I am not surprised at Uncle Snort. As we grow older we learn more. Life is too short to learn much from our own experience. The boar is half the herd; the pigs inherit his quality. Don't stunt him—as well buy a runt at once. If sows are small,

feed them up also. The hog raiser will not improve the breeds; that is the breeder's business.

Mr. Dorsey: The character of a boar depends on how he is handled. Some males can be used more than others. The boar should be kept from ranting. A mean boar should be put in a close, dark pen; I have found this good.

Mr. Cavitt: What is the oldest age for a boar to do good service?

Mr. Dorsey: I have never had one too old; never used one more than six years. All breed well at that age; can't say what is best age. Sometimes the best pigs are from young boars, and again from old ones. This was discussed at the meeting of the Missouri Association last month, and was not decided.

GROWTH AND CARE OF BROOD SOW.

Mr. LeBaron: I have not lived as long as some of you, but have learned that no two sows require the same treatment. Have sow at home too fat, fed on milk; another not so fat, fed on better food; feed some for bone, others for flesh, and some for fat. Use your judgment. A sow should be well matured at 12 to 15 months. She should have good growth; be roomy or rangy. No one plan will do. There is money in experience, and you will learn to feed sows for growth; but don't be too big a hurry; three-fourths are bred too early. A man ordered from me, but wanted no gilt pigs. When he came he selected from young sow's first litter. Sow should be rather thin when bred, but don't confound leanness with poverty. You must feed sow well or you will have no good pigs. Feed pigs through the sow. After bred, sow should not have heavy feed, but plenty of good water and light food. Would like to hear from some one else on this subject.

H. E. Singleton: I had a brood sow 9 years old to bring as good a litter as she ever did.

LeBaron: If sow deteriorates, would not that deteriorate the pigs?

Singleton: Think the pigs will not deteriorate at all. My experience is that sows bring good pigs at 12 months.

Mr. Pennington, of the Santa Fe R. R.: This Association has been in existence about six years and has not reached the importance this meeting will give it. The time is coming when Texas will not be confined to cotton, but will have packing houses all around here in two or three years. Our road runs through a rich country and far into Mexico, and has 11,000 miles under one management. I believe in the hog industry, and in Fort Worth as a packing center. Our company will offer \$500 in premiums for hogs during the year—\$250 for first, \$150 for second, and \$100 for third best car of hogs for slaughter, the award to be made by a committee appointed by this Association, and one man appointed by the Packing House Co.

The proposition was accepted with thanks.

Adjourned for 30 minutes to hear speech before Farmers Congress.

PROGRAMME RESUMED.

Mr. Bachman: I will try to tell, not what I read about it nor what I think, but what I practice. Mr. LeBaron says, "have pigs come strong." To do this feed sow nothing but clean water for 36 hours, then feed according to condition until you have a good flow of milk, then push the feed. Give boiled corn or wheat, and in two to three weeks they will almost sustain themselves. Watch for scours. Thus fed, at 6 weeks pigs will show little inclination to go to the dam, and we can use any good food that comes to hand. Let wheat be the principal food and try to keep in good condition. Young pigs should be fed twice a day in short days; three times in long days.

President Pierce: Have been in the business for several years and think I know something about care of pigs. Do not put sow on full feed for ten days. Use common sense in feeding sow, or any other hog. Full feed too early at farrowing is likely to produce fever and caked bag. Some say "feed sow all she will eat, or pigs do not do well," but care must be exercised. Pigs need feeding five times a day.

Member: Will not pigs starve in 10 days, if not properly nursed by the dam? I think cooked feed is superior to any other for mother sows. A sow's stomach has a certain capacity, and if you fill it with raw rice it will swell and give trouble.

Mr. McGuire: Yes, if you feed dried apples, or rice, or any grain it swells. But that is not the question. We want

still left in him. In the end alone we look in vain for the answer. He was so depraved that the spark remained hidden, unable to penetrate the milky atmosphere of his low ambitions, and we are almost persuaded to believe he belonged to the brute creation, and not to that endowed with a soul. The Tollers of the Sea, to my mind, is almost as good as his masterpiece. At the time I read the two books The Tollers of the Sea was my favorite. The picture where Gilliat is in the subterranean cavern was ever before my mind. Who but Gilliat would have attempted to rescue a vessel like the Durande? A man who had spent much of his time in the world wouldn't have attempted such a thing. Only a man whose life had been spent in solitude would have conceived such an idea, and no one else would have battled with the sea as he did. How nicely Victor Hugo selects his characters, and how completely every action suits the man. Although unlearned in the world, as a man of dreams, Gilliat's conclusions were not altogether wrong. I find much in him to study and admire. But I will leave further discussion for the club.

I wish to ask the club for their opinion of The Count of Monte Christo. I have just finished the book, and liked it very much. Also tell me who and what was Alexander Dumas. I have been told that he was a negro. I fought the idea both before and after reading the book, but I can't find any proofs, and I feel sorely perplexed. What was the mental development of the negro at that time? Are they still as inferior intellectually as at the beginning?

Pittsburg, Texas.

SOME GOOD ADVICE.

Dear Mrs. Buchanan: Have been thinking for some time of contributing to your interesting department, but my courage has always failed me before. But now you have up such an interesting subject—so much more so to me than the one just laid on the shelf—that I cannot withhold my pen. However I cannot hope to wield the pen of an "Anna Weeks" or a "Gertrude Savage"—but hope my letter will prove of enough interest to merit a place in the dear Household.

So much love to read "A Wife's" letters and Stella's too—in fact they are all interesting and instructive, but we all have our pets, or at least I do. I agree with "An Old Subscriber," that we should not devote all our time to the reading of fiction, but should read solid literature, and not let light literature come between us and that much neglected book, the bible. Especially is it neglected among what we term "reading people."

Joaquin Miller says, "This book refuses to get lost. Nobody ever borrows it. All other books are 'dog-eared,' worn at the corners, despoiled of cover and fly leaf; but this special one will work its way down to the bottom of the trunk, although the fond mother or sister may have placed it tenderly at the top and ready at hand, and there it will lie for years and years, the neatest and the cleanest thing to be found. And yet, for stateliness of style, simplicity of diction, directness of thought and majesty of utterance it is unmatched in all the army of books, old or new, to be found on the shelves of the British Museum."

It is indeed hard for me to decide who is my favorite author, but among them are "Augusta Evans," "E. P. Roe," "Chas. Dickens" and others too numerous to mention. I only have one objection to Augusta Evans—that is her characters are so overdrawn. I admire Dickens for his power to portray human nature, though can't say that I enjoy reading his books as much as those of other writers. We so often see people who remind us of Dickens' characters in real life, such as "Micawber" in "David Copperfield," "Agnes Wickfield," and others.

Believe I enjoyed reading the volume

"Nicholas Minturn," by Dr. Holland, more than anything I can now call to mind—though his characters, like Mrs. Wilson's, are overdrawn.

I think I hear some lady saying, "I know she doesn't practice what she preaches in regard to reading her bible." No, dear friends, I don't; but 'tis a true and wise saying, "Don't do as I do, but do as I say." No, not don't do that either. But read your bible all you want to, and when you feel like it, which I hope you feel like doing oftener than I do.

Stella's description of a "Beautiful Face" so much impressed me that in the future, when I am called on to air my accomplishments (which are very limited) I will not say "excuse me please," or "I can't sing to-night, my voice is out of tune," but will favor my friends with the best I have, and try to feel that I have done my duty. Thank you, Stella, for such writings, and may it inspire other girls to do whatever asked to do for the pleasure of others, without being urged. If God has given us a talent for any certain art, we should certainly not waste that talent when we have so many opportunities for improving it.

As this is my first visit I mustn't make my stay too long, as first calls should not be lengthy ones, and then I might want to come again, that is, if I'm cordially received this time. Well I must be going. Bye bye. Love to all the Household, and a card love for you, dear Mrs. Buchanan.

Cleburne, Texas.

A YOUNG SCHOOLMARM.

Dear Mrs. Buchanan: May I join your reading circle? I am a "schoolmarm," who has taught since graduating at the age of sixteen. Two very happy years were spent in Texas at school.

I am glad the topic has been changed from "Womans Rights" and "love," to "Books and their Authors." Civil government, political economy, and politics have no fascination for me.

As to our being allowed to vote, my opinion is that woman have just as much right to vote, and is as capable of doing so as man, but please excuse me from ever going near the ballot box.

I took no sides in the "Love" question. I've never fallen in love, and as I am only nineteen, I feel as though I had plenty of time to wait for my Prince Charming to appear. My schoolwork keeps me very busy and very happy too.

Mrs. Jones has chosen a very delightful subject for us to discuss.

I have read a great many books, and the pleasure and benefit derived from them were always doubled when read with some one, or at our reading club. We girls called talking over what we had read, "making hash" of the book or books in question.

I have just read Kenilworth but did not like it so well as I did Ivanhoe. Scottish Chiefs has been read for the third time this fall. There are some books that I never tire of.

I, too, was disappointed in "Ships that Pass in the Night," though there were many fine passages in it.

For some time I've read with a small blank book and pencil, and whenever I come across a striking passage, or a pretty quotation, I stop and copy it. At the bottom is put the name of the book from which it is extracted, also the author and the date of reading. Afterwards many a happy half hour is spent looking over my quotation book; then it is so handy too.

Longfellow is my favorite modern poet. His Evangeline and Hiawatha are so musical. And who ever tires of Bryant's Thanatopsis? At each reading I find new beauties that were hidden before.

Some one give us a talk on Shakespeare's plays. Of all writers he is my favorite. "Hamlet" has been read dozens of times, and my quotation book teems with lines from it and other plays.

You say I've remained long enough? Please excuse me, but you know school

teachers have an idea that the floor belongs solely to them.

With best wishes for the success of the circle, I retire for a more entertaining sister.

Walhalla, S. C.

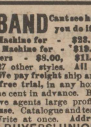
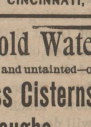
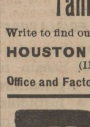
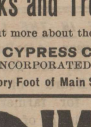
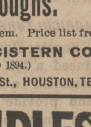
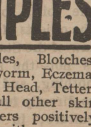
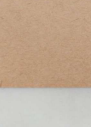
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PLENTY OF ROCK.

Henri: What did you say we would catch?
 Uncle Steve: Rock!
 Henri: Oh yes, I see!

SLIDE SEED REGULATOR.

No. B15 I-2 Combined Corn Planter,
WITH STEEL
 This Planter takes the place of our A15, 1535 by an arrangement being provided for that by moving a slide shown on outside of feed wheel.
 Standard Planter, by actual field test of the four other very popular planters the same when planting 125 seeds in the hill.
 But the Superiority Standard was very marked when planting corn. When used for corn, she is "way up in G." Break Pins for Shovels; Safety Bolt for Furrow Opener. Covering Shovels can be turned in or out.
 The opposite cut is the corn drop placed in the bottom of the cotton box. But one box is used for corn or cotton. It is driven by a chain running over a sprocket wheel guide so the chain cannot by any chance be pushed off by stalks. The corn can be dropped any desired distance apart, and from one to three grains in the hill.
 As evidence of the fact that our corn drop is better than others, we make a large number of separate corn drop boxes which are sold by dealers, to be used on other (not Standard) Planters heretofore sold by them.
EMERSON, TALCOTT & CO., Dallas, Tex.

per cent sound October 3d; very good condition, though a little shriveled.

No. 4. Nothing was applied; 65.3 per cent sound October 3d; very soft and shriveled.

No. 5. Spread in hot sun one and one-half hours June 29th. Eight rotten potatoes removed at intervals; 67.3 per cent sound October 3d; very soft and badly shriveled.

For a number of years I have kept my crop of potatoes successfully, in another Southern state, by digging early, before the ground gets very hot, spreading them on the floor in a cool, dark, airy room, and covering them lightly with slacked lime.

Texas Experiment Station.

UNCLE SNORT ON THE FORT WORTH MEETING.

UNCLE SNORT.
Didn't we all enjoy that Fort Worth meeting hugely? I have, for some time past, had strong faith that the Swine Breeders meetings would one day call together the best men and the best talent of the state, but I had not dreamed that it would be so soon. I could hardly believe that so many of the old stand-bys would be there, and that such an army of recruits could be enrolled so soon, but wasn't it grand to see them pouring in from all parts of the state—from Galveston, from East Texas, from West, North, South, and even from many other states, but the most pleasant thing to me, was to shake hands with Singleton, King, LeBaron, Clarke, Wedel, Cothes, Ford, Hardin, and our great big president, Pierce, and Murchison, and V. A. Davis, and Sanders and others whom I can't just now call to mind. Didn't we have a big time boys? But I ain't going to tell how that Fort Worth did us the honor to give every member of the Association a ticket to the theatre, and how that we all went and that we occupied reserved seats and how we all enjoyed it. I'll bet that Clarke hasn't quit laughing yet. But didn't the Santa Fe R. R. Company do the royal thing in offering to give us \$500 in premiums on those car loads of hogs that we are going to roll up to Fort Worth next February, and also the Fort Worth Packing Company, through Mr. Skinner, of \$100, who made himself so pleasant and so useful that we all fell in love with him. The fact is, I don't believe we will ever forget Fort Worth, or Mr. Skinner whose heart is as big as a sloop bucket, and who made himself one of us and stayed with us until the last.

Didn't we open our eyes wide when we were told how many millions of dollars are sent out of Texas annually for pork products? I haven't got over it yet. Men may talk as much as they please about reducing the cotton acreage; I don't believe they will do it. I am determined that Texas shall quit sending so much money abroad for hog products for I'm just going to quit all foolishness and go to raising hogs. Gentlemen bring and your packing houses, I'll soon be ready for you, and I don't care if you locate them all in Fort Worth.

It is really grand to see how our people are waking up on the hog question. Keep the ball rolling gentlemen, there is no danger of over production, or of over doing the business. We can, must, and will in the near future keep within our own state that twenty millions of dollars that we are now sending abroad for hog products. Any man that will go to the Fort Worth Packing House and see with what extreme carelessness they handle the meat, how cleanly it is dressed, how carefully packed, salted, smoked, etc., will feel that the pork packeries are benefactors, or at least one of the greatest blessings to the South.

The hog fever is running so high with us that since my return home from Fort Worth, I have been requested to call a meeting of the swine breeders and farmers of Ellis county who are interested in hog raising to meet at Waxahachie on the first Monday in March (next month) to see if we can't stir up a still greater interest on the hog question and organize a county Swine Breeders Association.

We now say to all parties interested, we will meet at the city hall at eleven o'clock, and try to make it both interesting and profitable to all who will meet with us. We hope our hog men will take due notice and govern themselves accordingly. Everybody invited. Waxahachie, Texas.

COOKING FEED FOR SWINE.

Joe Sturges, in Breeders' Gazette.

Thinking perhaps my experience in feeding hogs would be of some benefit

I will give it. We use a No. 7 fifty gallon furnace, set in a building 14x16 joining our hog barn on the south. We have a pipe laid from the wind mill tank to this building with a siphon pump connected, so as to pump the water into the kettle by means of a two-foot spout. The pump is on the right of the furnace and the two feed barrels on the left. This stove burns three-foot wood, which generally takes 40 minutes to boil a kettle of water. We then put two bushels of ground feed in each barrel, and dip in the water, stirring thoroughly, at the same time making it a thick mush. The barrels are then covered tight so as to keep all the steam inside. When we get ready to feed we pump in cold water by means of another longer spout till it is at the desired temperature and thickness.

We feed it just thin enough to run nicely in the trough. We feed corn in one yard and swill in another—much smaller—one with a gate between so as to keep them back until the troughs are filled, thus saving spilled slop and dirty clothes. This kettle cost us \$22, but I am positive our whole rig paid for itself on one lot of hogs just sold.

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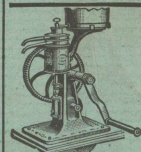
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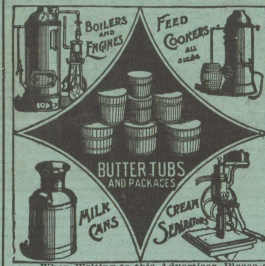
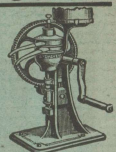


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Cousins' League.

The Cousins League will hereafter be merged in the Household Department. The cousins should address their letters to Mrs. E. Buchanan, care of TEXAS FARM AND RANCH, Dallas, Texas.

Dear little friends: I am occupying all the space again this week with letters so as to get all the cousins' letters in if possible. I do not like to sit still and say nothing, there are so many things I would like to say to each one. I have only answered direct questions. Our letters continue to increase in interest and quality, but I expect when the weather becomes bright and settled, my little chatters will get to be very busy in the school room or on the farm.

Dear Aunt Sallie: Will you let a little girl 12 years old enter your band of cousins and nieces? I am a farmer's daughter; I live seven miles from Center Point, which is the county seat of Howard county. My brother takes TEXAS FARM AND RANCH, and I always read the cousins' letters. I will answer some of Willa Griffin's questions: Who used the expression, "we have met the enemy and they are ours?" Major Stark.

What general rushed into battle without orders and won it? Ethan Allen.

What father and son were presidents? John Adams and John Quincy Adams.

What naval commander captured his antagonist as his own vessel was sinking? John Paul Jones.

Who was the "Sage of Monticello"? Thomas Jefferson.

I will ask a few questions: Who was called "Mad Anthony"?

Who said, "millions for defense, but not one cent for tribute"?

How many expeditions have been made into Canada?

Mamma thinks probably she has seen you, Aunt Sallie, in Cuthbert, Ga. She thinks her sister, Miss Annie Holmes, went to school with you. We have a large snow on the ground now; I think snow is very pretty, but I don't like for it to stay long. We have some fruit almost every year; we had less last year than we ever did before. The cold weather killed it. I hope it won't this year. Best wishes to all.—FANNIE TURRENTINE, Rosedale, Ark.

[I have omitted the answer to questions which have been answered before, several of which were correctly answered by you, Fannie. Yes, Cuthbert is my old home, and I went to school at Andrew College. I had a classmate, Sallie Holmes, but do not distinctly remember Ann Holmes. I am very glad to hear from you, and of an old Georgia friend through your letter, Fannie. You must come again.—AUNT SALLIE.]

Good morning, Aunt Sallie, and my dear little cousins. I hope you all have had a happy Xmas, and received many nice presents. I am now going to school. My teacher's name is Prof. Wright. I am studying complete geography, higher lessons in English, Swinton's speller, third part arithmetic and U. S. history. My desk mate is Lizzie Lunn. My papa takes TEXAS FARM AND RANCH, and he likes it very much. Papa is a farmer, and has twenty-three acres in orchard. He has 2000 apple trees and 1000 plum trees, and several other kinds of fruit. We raise all kinds of vegetables on the farm, and raised 800 bushels of sweet potatoes for his hogs and stock. We live seven miles east of Bowie in a two story building. Papa also raised fifteen bales of cotton. I am 12 years old, and I can pick 225 pounds of cotton in a day. I am sick this morning, and will be to make apologies for my writing, as I can write better when I am well. I enjoy reading the Cousins' League very much, and also the Household department. I have two sisters and two brothers, one sister married. My sister at home is 18. Boys, boys, you had better run and catch up with the girls. They are just beating you all to pieces. Well, Cousins, New Year has come and passed, and let us all take a hand in the League, and keep it going. But perhaps the waste basket catches more than the paper. I hope it won't catch mine.—ELMER REASOR, Bowie, Texas.

Dear Aunt Sallie and Cousins: I thought I would write again as I saw my other letter printed. I love to write to any kind of paper. I wrote to the Dallas Semi-Weekly News last night. I think the girls are about to beat the boys, don't you, Aunt Sallie? Did all the cousins have a nice time Xmas? I did, although I was sick; had the scarletina, and liked to starved to death,

because my mouth was sore. I started to school after Christmas; we go three miles in a buggy. I think I had rather go to school than anybody. I study algebra, geometry, physiology, geometry, and I am going to study psychology. I like algebra and geometry better than any of my studies. Aunt Sallie, I wish you would give us some subject to write on. I think it would be so nice to learn each others views on certain subjects. I am going to answer Maggie Bentley's questions:

The "O-Grab-Me" Act was the embargo act forbidding American vessels to leave port. Well, I will bring my letter to a close as it is getting pretty long. I do not want to write too long a letter, so there will be room for more of the cousins' letters to be printed. Love to all the cousins, and some for you, Aunt Sallie. I saw a letter from Roy Nabers. He lives about one and one-half miles from me.—ALFRETTA SHEERILL, Comanche, Texas.

[The questions were correctly answered, but as they have been answered before, I leave the answers out to make room.—AUNT SALLIE.]

Dear Aunt Sallie and Cousins: I am a little girl, 8 years old. I wish to join the Cousins' League. My papa takes TEXAS FARM AND RANCH; I like to read the cousins' letters. My papa farms; we have a lot of pets; everything is gentle on the place. We have two cows, a Jersey and a Durham. Papa gave me a little Holstein calf, and I raised it on a bottle. She will make me a fine cow some day. Her name is Dollie, and she is so gentle and kind. My little sister, Lucile, 3 years old, can play with her. My mamma has a fine lot of white and brown Leghorn chickens, also full blooded Plymouth Rocks, and papa has some fine Berkshire pigs. I have three sisters and two brothers. My brothers have a pony named Dandy. Thinking, perhaps, I might be intruding, I will close my letter. Hoping to see my letter in print. I am a little girl, but wish all the cousins and Aunt Sallie a happy New Year.—JENNIE BROWN, Dallas, Texas.

Dear Aunt Sallie: I live in Hillsboro, a city in the central part of Texas, eighteen miles from the Brazos river, and thirty-five miles from Waco. Hillsboro is on the M. K. & T. Railway. The machine shops have just come, and made the city stir up. Hillsboro has about seven or eight thousand people. I am 12 years of age, and weigh about 70 pounds. I have two sisters; their names are Lucy and Bettie. My father and mother are both sick, and I have had to help to do the work. I reckon my letter is getting long enough. Good-bye.—SALLIE BATTLE, Hillsboro, Texas.

Dear Aunt Sallie: I thought I would write again, as I did not see my letter in print. We have had two big snows here in February and January. The last snow melted this evening. We had a nice time skating, but I got some pretty hard falls. I have two brothers and three sisters. My papa is away from home preaching, and we have to stay by ourselves. Cousins, I would like to exchange songs with some one. I will give the Blind Boy for Down on the Farm. I will send After the Ball to the League to be printed. I would be glad to get the song, Down on the Farm. Aunt Sallie, I sent you some pressed daisies and two cards. If I see this in print, I write again. Your little unknown—POLLYE WILSON, Melrose, Texas.

The little flowers and cards were received for which I thank you. I used to be delighted to gather those same little flowers when I was a little girl.—AUNT SALLIE.]

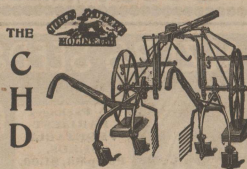
Dear Mrs. Buchanan: Will you allow me to join your happy band? I have never written before. I have four sisters and one brother. I live in the country, two miles from Mansfield. Papa takes TEXAS FARM AND RANCH, and we think it a very good paper. I love to read the Cousins' League. I hope this letter will not reach that horrid wastebasket.—SUSIE SHAW, Mansfield, Texas.

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