

THE FARM.

Ordinarily about one-half of the cotton crop of the United States is brought to the market, or as dealers say, is brought into sight, during the three months following September 1.

Good stock has a tendency to make a man a good farmer. He becomes interested in it and aspires to have the best of its kind.

A pretty effective way of getting rid of insect pests that are destructive of field crops is to deprive them of lodgment and subsistence.

or sheep and at the same time restore to the land much of the fertility taken from it.

The knowledge that is required for meeting successfully the modern conditions in agriculture can only be acquired by a study of principles which scientific investigation has evolved.

It is to be hoped that the educational authorities of this state will recognize the wisdom and practical utility of the recommendations made by the Farmers' National Congress and lose no time in making the study of the first principles of scientific agriculture a part of the course in every one of the common schools.

ORCHARD AND GARDEN.

It is a good time now to cut away all diseased canes of the grapes and all dried up branches which were affected with mildew.

To raise chrysanthemums from the seed they should be planted in the spring after the ground has become warm and cultivated the same as an ordinary annual.

Many farmers in Texas have raised this year a surplus quantity of corn and at points remote from market they can sell it only by accepting extremely low prices.

As the roots of the strawberry plant grow through the winter and the fruit ripens early a part of the manure, especially the stable manure, should be applied in the fall.

While the farmer can derive advantage from the experiment station by keeping himself informed as to its work he should himself do much thinking, bearing in mind that there are conditions on his own farm differing from those where station investigations are made.

Probably few men in the Gulf states have had practical experience in cultivating so extensive a variety of figs as Mr. J. L. Normand of Marksville, Louisiana.

AGRICULTURAL LESSONS IN THE SCHOOLS.

One of the things specially recommended by the Farmers' National Congress at their recent Fort Worth meeting was teaching the principles of agriculture in the public schools.

Nothing will do more to promote improvement in agricultural methods, and so intense and unrelenting has competition become in agricultural industries that the farmer who wishes to succeed must, as men are compelled to do in all other industries, keep to the front in line with all the improvements in methods of preparing the soil, planting, cultivating and harvesting, and in breeding, rearing and feeding the live stock of the farm.

A Strong Fortification. Fortify the body against disease by Tutt's Liver Pills, an absolute cure for sick headache, dyspepsia, sour stomach, malaria, constipation, jaundice, biliousness and all kindred troubles.

the North, for which it would be admirably adapted on account of its hardiness, early bearing qualities, dwarf habit of growth and so immensely prolific.

"Du Roi."—A very attractive and valuable acquisition; a hardy, good grower and heavy bearer, covering an extended season.

It is to be hoped that the educational authorities of this state will recognize the wisdom and practical utility of the recommendations made by the Farmers' National Congress and lose no time in making the study of the first principles of scientific agriculture a part of the course in every one of the common schools.

Even on the best dairy farms there is more or less variation in the cream and butter and it is difficult to make the same grade of butter at all times.

DAIRY.

Pure milk can be obtained only from healthy cows fed on good, wholesome food and supplied with pure water.

It is inclined to run down in the flesh because of giving so much milk cows should have carbonaceous food, such as corn meal, to keep them in condition.

WEATHER AND LIVE STOCK IN OKLAHOMA.

A rain in the winter is very unusual in this country and never wanted. A cold rain commenced on the evening of 17th and continued for 21 hours.

CONDITIONS IN HALL COUNTY.

After ten days of severe winter which came in with about four inches of snow, we are having a slow, steady thaw.

RECIPE OF A FAMOUS LOCAL REMEDY FOR LOSS OF MANLY VIRTUE.

Many Nervous Forces (with simple directions for use) are sold by the "Little Clinic for Over 20 Years, prepared by Dr. J. B. Shelmore, Chicago, Ill.

FOR SALE.

Incubators, Brooders, Poultry supplies and live Poultry. Write at once for what you want. Address M. E. FIRESTONE, Sidney, Ohio.

A CORD AN HOUR NO WET KNEES.

Sawyer's weight does not hurt the work. Fastest, easiest, cheapest and best one-man saw in the world. Cut in both ways.

Will cure after a few applications, and make the muscles limber and strong.

ARE YOU SORE AND STIFF. From hard work or outdoor exercise? ST. JACOBS OIL. Will cure after a few applications, and make the muscles limber and strong.

grease may be removed by the use of a little concentrated lye. Never use lye about this.

12. Wooden pails should not be used to hold milk for reasons that are apparent.

14. All utensils should be exposed to the free action of air and sunshine. For this purpose a shelf may be constructed in front of the milk house so that the vessels may be placed to drain and dry.

15. In our opinion the trouble with rust on cans, etc., experienced by many dairymen in this State is largely due to the presence of salt in the air and especially in this true in the vicinity of the Gulf breezes.

SORGHUM FOR HOG FEEDING.

The experience of Mr. Walden F. Brown in feeding sorghum as given in the Country Gentleman will be interesting to those who are farming in Western Texas.

"I bought one lot of nine hogs the first day of August, and fed them for forty days, giving them what sorghum they would eat clean and a half ration of corn."

"I shall continue to grow sorghum and on a larger scale than I have yet, and I have no doubt that I can reduce the cost of pork nearly one-half by growing this crop."

How is your blood? Gentlemen who have blood disorders or private disease will do well to read Dr. B. L. Brown's advertisement in this issue.

RUPTURE & PILES. CURED Without the KNIFE or DETENTION from business.

DR. F. J. DICKEY, 395 Main St., Dallas, Tex.

WE DON'T WANT YOUR MONEY unless you are sure that you want it.

"TEDDY" ROOSEVELT SAYS: "Didn't expect anything. I went to take things as they came."

BRASS BAND. Instruments, Drums, Uniforms, Equipments for Bands and Drum Corps.

CORRUGATED STEEL TANKS. Manufacturers of Harry's Patent Corrugated Steel Tanks.

WE SELL DIRECT TO THE FARMER. Hardened Steel Landed Double Board.

FOR SALE. Incubators, Brooders, Poultry supplies and live Poultry.

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Most women approach the critical period of motherhood for the first time with a sense of dread and foreboding.

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\$5.00 FOR A GOOD FEED COOKER. RELIABLE FEED COOKERS. Represent unequalled value in this class of live stock appliances.

ESTEY PIANOS. Are strictly first-class and combine ALL OF THE FINEST QUALITIES which are necessary in a perfect Piano.

The New GANTON DISK PLOW. The Ganton is a marvel of simplicity. It is the ONLY DISK PLOW having perfect mechanical construction.

PARLIN & ORENDORFF CO., Dallas, Texas.

San Antonio & Aransas Pass RAILWAY COMPANY, THE GREAT LIVE STOCK EXPRESS ROUTE.

HAT AND DYE WORKS. We have the largest Steam Hat and Dye Works in the South-west.

Mansion Hotel, FORT WORTH, TEXAS. One of the best hotels in the center of the city.

HYNES BUGGY COMPANY, Fine Carriages, Buggies and Harness, QUINCY, ILL.

BRASS BAND. Instruments, Drums, Uniforms, Equipments for Bands and Drum Corps.

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RIPANS Tablets. The village doctor felt the boy's pulse and then said: "Let me see your tongue!"

Texas Stock and Farm Journal. Published Every Wednesday. THE GEORGE B. LOVING CO. Office of Publication 312 Main Street, Dallas, Texas.

number on feed in the state is close to 150,000 head. Nearly all the published estimates of the Journal have been much too large.

TEXAS STOCK AND FARM JOURNAL. Texas Stock and Farm Journal entered the year 1898 with a circulation of 13,500.

NOVEMBER CIRCULATION. The ADVERTISERS' GUARANTEE COMPANY OF CHICAGO, hereby certifies that it has by its expert examiners proven and attested the circulation of the Texas Stock and Farm Journal.

TO THE PUBLIC. The authority heretofore given to E. V. Kennedy to represent Texas Stock and Farm Journal as traveling agent and correspondent has been revoked.

THE INTEREST FELT GENERALLY among stockmen in the meeting of the Texas Live Stock Association to be held at Galveston January 17, 18 and 19, is such that a very large attendance is expected.

DEPREDACTIONS BY WILD ANIMALS. No other state and no territory of the United States suffer such heavy losses from the ravages of wild animals as Texas.

THE STATE'S LAND. There has long been a disposition manifested by some to make Western Texas an agricultural area regardless of the permanent climatic conditions which Providence has imposed upon it.

CATTLE ON FEED IN TEXAS. Since publication in the Journal of a list of cattle on feed at different cotton seed oil mills in Texas, no reports have been received from any mills having cattle in their feed lots.

It is a duty that has been recognized, as has been shown, by about thirty of the forty-five states of the union, and the fact that laws for such protection date back to colonial times.

agriculture, the lands owned by the state can be held by absolute lease for a term of ten years at three cents an acre per annum.

But this does not present the best features of the new law. The cattle industry has not been prosperous and cattlemen felt that they were charged too much for their land.

Only the live stock industry could prosper there. Under the hard conditions of former laws it could not prosper. It is certain that had the law remained as it was many stockmen would have abandoned their leases.

There is another enormous loss resulting every year to live stock interests from the ravages of coyotes, lobos and other wild animals.

These are large figures, but those who heard the address of Capt. Crouch and remember his careful methods of obtaining the information upon which his estimates were based, the high authority of the stockmen whose statements he gave, and his conservative handling of the subject must conclude that he probably underestimated rather than exaggerated the losses.

And while Texas is annually losing so much from the depredations of wild animals, more, as has been said, than any other state, it is one of the small minority of states in the union that makes no effort to protect its citizens against such depredations.

It is a duty that has been recognized, as has been shown, by about thirty of the forty-five states of the union, and the fact that laws for such protection date back to colonial times.

SUNNY SLOPE. The attention of discriminating buyers is called to the fine offering now being made by our farm. We believe we are offering as fine a lot of animals as can be shown by anyone.

The Hereford Home Herd of Herefords. ESTABLISHED 1898. CHANNING, HARTLEY COUNTY, TEXAS. MY HERD consists of 300 head of the best strains, individuals from all the well known families of the breed.

NELSON & DOYLE. Breeders of and Dealers in Thoroughbred and High Grade Cattle. Herefords, Shorthorns, Polled Durhams. PURE BRED and High-Grade Cattle of Both Sexes FOR SALE AT ALL TIMES.

WEAVERGRACE HEREFORDS. INDIVIDUAL MERIT BY INHERITANCE. Established 1839. Awarded 1000 Prizes. Send for "Star List," an illustrated "Merit Record" and history of the breed.

T. F. B. SOTHAM, Livingston Co. Chillicothe, Mo. Shorthorn Cattle. The Wood Dale herd of Shorthorns now numbers 125 head and contains more high-priced animals than any other herd in the state.

RANCHMEN, ATTENTION! I am prepared to furnish registered Devon cattle, bulls or heifers, aged from four to twenty months old. Car load lots a specialty.

Red Polled Bulls for Sale. One car load of Red Polled bulls, fully to fourteen months of age. Now ready, five registered and well fitted to ship.

Bulls for Sale. I have for sale, three miles from Hereford, good high bred Durham, Devon, Hereford, Holstein, red and black Polled Angus Bulls. Call on or write me before buying.

W. J. STATON, Beeville, Texas. J. W. BURGESS, Fort Worth, Texas. N. R. POWELL, Breeder of Shorthorn Cattle. Home Creek Hereford Ranch. Registered and High Grade Hereford Cattle.

BREEDERS DIRECTORY. REGISTERED HEREFORDS. The attention of discriminating buyers is called to the fine offering now being made by our farm.

Hereford Bulls. I have about one hundred high grade Hereford bull calves for sale, fall delivery. All sired by registered and full blood bulls.

SHORTHORN CATTLE. Bulls and females for sale at all times, at ranch in Jack county, Texas. W. P. STEWART, Jacksonville, Texas.

HOVENKAMP & McNATT, Fort Worth, Texas. Breeders of registered and high grade Shorthorn Cattle. One and two-year-old bulls for sale.

Shetland Ponies. I have a herd of 100 imported Shetland ponies and offer a few for sale. I also breed Electric horses and Durham and Holstein cattle.

TURKEY CREEK HERD of Poland China Swine. G. E. KING, Prop., Taylor, Texas. Breeder of thoroughbred Poland China hogs. Has now 25 spring pigs for sale at reasonable prices.

FANCY BERKSHIRE PIGS. The very best quality, by Black Prince II 3348, winner of first and second prize at Dallas Show. Pigs a Specialty. BROWN WILKES, No. 28-29, Dallas, Texas.

BERKSHIRE PIGS. OF FASHIONABLE BREEDING and Unsurpassed Quality. My hogs won a number of the best prizes at Texas State Fair in 1898. Write for catalogue and prices.

Home Creek Hereford Ranch. Registered and High Grade Hereford Cattle. Young Stock for Sale at all Times. WILLIAM ANSON, Coleman, Texas.

RED POLLED BULLS. Imported and raised in Southwest Missouri from Imported Stock. L. K. HASSELTINE, Dorchester, Green Co., Mo. CAMP CLARK HERD OF RED POLLED CATTLE. J. H. JENNINGS, Martindale, Tex., Prop.

JULE GUNTER, GAINESVILLE, TEXAS. Breeder of pure bred SHORTHORN CATTLE. Whole herd open to inspection. Handle strictly my own raising. Correspondence solicited.

HEREFORD PARK STOCK FARM, Rhoma, Wise County, Texas. PURE BRED HEREFORD CATTLE. Young stock for sale. B. C. RHOME, Prop., W. M. LAWSON, Mgr., Fort Worth, Tex.

V. O. HILDRETH, Breeder of Short Horn Cattle, Aledo, Texas. Six good bulls for sale. Correspondence solicited.

WOLF HOUNDS FOR SALE. T. sired, untrained, and pups. Also Collies, setters, pointers, fox andcoon hounds, and blood hounds. All pure bred stock and sals factum guaranteed by the breeder.

GOATS. FOR ANGORA GOATS apply to H. T. PUGH, Tiger Mill, Texas.

POULTRY. EX BOAZ, Breeder and Shipper of THOROUGHBRED POULTRY. Barred Plymouth Rocks, Light Brahmas. Guaranteed Eggs in Season.

THE NORTON POULTRY YARDS, 439 Cole Avenue, Dallas, Texas. Breeders of Single Comb, White, Black, and Blue LEGHORNS. Won 15 prizes at Texas State Fair.

J. E. LAWHOR, 353 Main St., Dallas, Texas. Autocrat Light Brahmas. A SPECIALTY. Choice Fowls for breeding and show purposes.

DAVIS PRIZE WINNER AGAIN. Victorious winner at the 1898 Texas State Fair and Dallas Exposition. 35 premiums all firsts, and four out of five seconds offered for on Barred P. Rocks.

SEND for our 24-page catalogue, telling all about our incubators and prize-winning Poultry. Address: RIVERSIDE POULTRY YARDS, lock box 159, Quinley, Ohio.

J. F. HENDERSON, FORT WORTH, TEXAS. Breeder of Autocrat Light Brahmas, Buff and Brown Leghorns, and three other breeds.

Ackley's Stock. Is known from Ocean to Ocean from Canada to Panama. R. C. ACKLEY, Prop., Dallas, Texas.

VICTORY. I have bred the best for fifteen years. My breeding pens this season are the best I ever owned and are the following varieties: Buff Cochins, Buff Leghorns, B. P. Rocks, S. C. D. Leghorns and Buff Cochins Bantams.

S. C. Brown Leghorns. Bred in Germany. One egg and one chick sold for \$1.00. One egg and one chick sold for \$1.00. One egg and one chick sold for \$1.00.

BUFF POULTRY FARM. Circleville, Texas. PLYMOUTH ROCKS, LEGHORNS, COCHINS. Winners Everywhere Shown.

One Hundred Pure White Holland Turkeys for sale cheap until January. I have bred fancy poultry five years. Write your wants. Catalogue free. JOHN R. GARRIS, Billings, Mo.

Brebrook Poultry Farm. J. W. FITZMAN, Prop., Brebrook, Tex. Breeder of M. B. turkeys, barred and white Plymouth Rocks of the very best strains.

Post Oak Poultry Yards. I have quite a number of R. P. Rock cockerels of the A. C. H. variety for sale at low prices. Don't fail to see our I. C. Game's also a fine lot of silver Laced Wyandottes.

DALLAS.

Dallas office of Texas Stock and Farm Journal, 512 Main St., where our friends are invited to call when in the city.

Wm. Bondies of Forney, was in Dallas Wednesday.

T. B. Jones of Wichita Falls, was in the city Thursday.

J. J. Jarvis of Fort Worth, was in the city Wednesday.

Jno. N. Simpson returned from St. Louis Friday night.

Jot Gunter came into Dallas Tuesday from his stock farm in Grayson county.

Marion Sansom of Alvarado, was among the visitors to Dallas Thursday.

Sam I. Reynolds of Little Elm Denton county, was in Dallas Friday. Mr. Reynolds is raising a good class of cattle, mostly Shorthorns with a number of pure bred among them, and fine Poland-China hogs; says there has been no injury due to live stock in his section by the hard weather of two weeks ago.

J. H. Rogers of Ward county, who is interested largely in the famous Pecos sandstone quarry near Barstow, Tex., spent several days in Dallas this week on business.

J. E. Nail of Wolfe City, a prominent stockman, was in Dallas Tuesday, accompanied by his wife.

Henry Sayles of Abilene, Tex., well known by his connection with irrigation interests, was in Dallas Friday.

R. E. Nail of Wolfe City, a prominent citizen of Bastrop county, was a visitor to Dallas last week, remaining only a few days.

The average number of clear and fair days during the winter months is 287. Excepting the higher altitudes, the statistics of climate at San Antonio are fairly expressive of most of the wool producing area of Texas.

Staple of Wool. The finest wool is Shropshire by the Merino. Then follow the Southdown, Shropshire, Leicester, Lincoln and Cotswold.

Disadvantages. But to treat this subject justly, we must also consider some of the defects and disadvantages of the sheep industry in Texas. These are various, and some of them have caused severe losses to sheep breeders.

Wool Production in Texas. There is so much valuable information in the paper on this subject prepared by Mr. Albert Winkler, a student of the Agricultural and Mechanical College of Texas, that the Journal could be pleased to give it entire, but that is forbidden by lack of space.

W. S. Ikard, manager Sunny Side Stock Farm, Henrietta, Texas, has the following to say about his herd in his recent letter to the Journal.

HIDDEN BEAUTY. Heiskell's Ointment. Heiskell's Soap.

foreign demand for it than existed last year. This, of course, has materially strengthened the holders of the grain in demanding for it a price considerably above that of last year.

THE "LAREDO ROUTE." Mexico and the United States are being brought closer and closer together every day by the constant improvements in the train service and equipment of the leading international railroads.

WHAT WE AIM TO ACCOMPLISH. The United States sends millions of dollars abroad every year to purchase wool, both raw and manufactured.

ROUTE VIA THE W.K.T. MISSOURI, KANSAS & TEXAS RAILWAY. YOUR LIVE STOCK.

FAST TIME, GOOD SERVICE. For information write or call on R. J. Williams, L. S. Agt., M. K. & T. R. R., San Antonio, Tex.

Grove's Tasteless Chill Tonic. MAKES CHILDREN AS FAT AS PIGS. CURES Chills, Malaria and Biliousness. PRICE, 50 CENTS.

Southern Business College, Fort Worth, Texas. The leading school of commerce in the West.

Hermann H. Heiser, Stockmen's Saddles. The Famous Burkhard Saddle, MANUFACTURED AT TRINIDAD, COLORADO.

Syphilis and Blood Diseases. HAVE YOU Sore Throat, Pimples, Ulcers in the mouth, Ulcers on any part of the body?

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