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TEXAS FARMERS' CONGRESS.

Representative Men of the State Engaged In Agricultural Pursuits Meet in Annual Session at the A. and M. College-Full Report of the Proceedings-Some Creditable Exhibits.

more apparent than that the great Tex- aid given by the local organizations was of the utmost importance that as Farmers' Congress is keeping pace known as farmers' institutes, much with the remarkable development of of the efforts of the college would be providing for an exhibit should be acagricuture in the state. Every year lost. witnesses a larger gathering of earnest, practical men, assembled at College agriculture and the affiliated industries credentials reported through Mr. H. E. praise of what the congress is doing.

expiration of a month, in accordance with a provision of the by-laws.

In point of attendance the congress, ATTWATER ON NATURAL HISwhich convened last Tuesday and remained in session until Friday, surpassed that of last year by about 300, water of Houston, the affable industhe total number present approximat- trial agent of the Southern Pacific railing nearly 1000. The members came way, no Farmers' Congress in Texas

the "plains country." As usual the fruit and truck growing, for a talk early in the proceedings. interests in the eastern counties were pet stock raisers. It was truly a mixed varied resources of a vast domain ex-

to discourage the almost unconscious plauded when he sat down. habit of some excellent speakers in delivering lengthy addresses.

day afternoon, President J. H. Connell Sutton and Professor Attwater and the plants. delivered an address in which he said meeting went on record in favor of a 6. Whereas, Improved livestock is varieties common in this country. "As the farmers did not attend the meet- wider publicity for these scholarly greatly needed at the Agricultural and a distinct agricultural product," he ings simply for pleasure or their health, talks. Strong sentiments in favor of Mechanical college; therefore, we rec- said, "macaroni is now thoroughly esbut to learn something new and benefl- the rigid enforcement of the new bird cial which would aid them in taking law were expressed. advanced steps and keeping pace with the times. In the evening Pres- Thursday morning at 11 o'clock, when ture of at least \$15,000, to be used by that in a few years ident David Franklin Houston of the Dr. S. A. Knapp of Lake Charles, La., the college in the purchase of improved there will be from 10,000,000 to A. and M. College delivered a cordial address of welcome to the visitors, to which Mr. J. W. Howell, president of the Parker County Institute of Weath-

erford, made a fitting reply. In reviewing the work of the Farmers' Institute in the state Prof. Frederick W. Mally of Garrison, formerly a member of the college faculty, told of trasted the ideal farm home in America and Mechanical college, President Vegetables," and urged the farmers to the horticultural development of Texas. with one of East India, showing the Houston, Steward B. Abisa and other co-operate and stand for better prices He also dwelt upon the great benefits result of intelligent cultivation. In officers of the institution for their efthe Agricultural and Mechanical College, with its experiment stations, had more intensive farming to preserve pleasure of the members of our asso- but by selling in opposition to one anconferred upon Texas agriculture, but

As time passes nothing has become said that without the concurrent

THE EVENING SESSION.

When the congress reconvened on Station to discuss methods by which Wednesday evening, the committee on may be placed on a more firm and sub- Singleton of McKinney, an attendance stantial basis-how tillage of the soil of members from twenty-three county seemed to be the impression. may be made to yield the most profita- institutes and agricultural associable results and how the husbandman tions. It was moved and carried that ums offered for corn exhibits by the may be uplifted and enlightened. There all organizations affiliated with the is not a more laudable work than this congress should hereafter have a reguin the entire range of education. It lar programme prepared in advance in fact that the corn season was so is a field of study fraught with unlim- order to obtain a hearing before the backward this season. The manageited possibilities for intelligent research congress. After a flash light photo- ment of the State Fair at Dallas had, and one which cannot help but result in graph of the multitude assembled in it was announced, added \$100 to the untold benefit to the entire social fabric the chapel had been taken, an address \$250 previously provided for prizes. of the commonwealth. So much in on "The Status of Education in Texas" was delivered by Dr. W. S. Sutton, of thanks to Mr. Taylor and Texas Each season finds a larger number who occupies the chair of pedagogy World's Fair Commissioner Wortham, rector for two years had been secured. of organizations enrolled under the at the State University. He denomi- which was referred to the executive banner of progressive agriculture and nated his subject as one which under- committee for favorable action. the executive committee now has on lied civilization and, by introducing a When the general congress re-confile applications from several other organizations, including the Texas divisganizations, including the Texas divisganizations from several other organizations, including the Texas divisganizations from several other organizations, including the Texas divisganizations from several other organizations from several other organization from several other organization from several ot ganizations, including the Texas divis- ficiency of Texas in the matter of pub- resolutions, framed by the Cotton ion of the American Society of Equity, lic education, the percapita tax im- Growers' assocation, were submitted which will be passed upon after the posed towards support of the public by the executive committee and adopted school system, the length of term and as an expression of the general connumber of children enrolled.

TORY. Without a talk from Prof. H. P. Attfrom all over the state, with the ex- would be complete, a fact which the ception of that portion embraced in management evidently recognized when they put him down on the list

On this occasion Prof. Attwater talkstrongly represented, while the cotton ed "Natural History," but found time growers, exponents of diversificatino, to put in a few words for his friends, the rice industry and owners of "black the birds, whose preservation, he said, waxey" land, who assert without fear was most important of all in connection of contradiction, that their soil will with agricultural pursuits. He exgrow anything, rubbed elbows in pressed the opinion that most facts the mess hall with dairymen, swine upon which nature study is based breeders, bee-keepers, poultrymen and should be taught in the public schools and declar d tat the study of entommeeting in so far as the favorite occu- ology in connection with agriculture pations of those present were concern- and horticulture was highly essential. appropriated \$500,000 for the eradicaed, yet one which illustrated more Continuing, he declared that but for strongly than words can convey the the insect-eating birds much valuable which threatened the stock interests ciation; W. A. Yates of Brenham, vicevegetation would become extinct. He of the Eastern states; therefore, we president for the State Horticultural tending from the Red river to the Rio also read an article on the despised recommend that the senators and rep- society; John Tillotson of Sealy viceearth-worms, showing how their action resentatives of Texas be uregd to use president for the Dairyman's associa-A strong sentiment in favor of more upon the soil aided in the nourishment their influence to secure the approprition, and W. O. Victor of Taylor general sessions of the congress has of plant life. A letter was read from ation of a like amount to be used in vice-president for the Beekeepers' asdeveloped and it is not unlikely that William Dutcher, president of the Na- the study and eradication of the boll sociation. Prof. W. D. Gibbs of College next season such an innovation will be tional Audubon Society in which he weevil. In view of the fact that the Station was elected secretary and introduced. Many assert that there stated that he had watched with inter- boll weevil has already covered almost treasurer of the congress, to succeed has been too strang a tendancy among est the progress of legislation in Texas the entire cotton area of Texas, and Secretary B. C. Pittuck, who leaves to members of the varied interests to having for its object the protection of will, if not checked, extend over the accept a position in the Louisiana Ag-"flock by themselves" and that much the birds and which, he said, would in- whole South, we recommend to the va- ricultural college at Baton Rouge. The that is said which would be beneficial fluence the passage of similar laws in rious boards of trade and agricultural selection of Prof. Gibbs is a very popto the whole is only heard by a small other states. Resuming, Professor associations of the South, which have ular one, and was ratified by hearty minority. For instance, there are prob- Attwater declared that black birds at heart the welfare of the country, applause, which the secretary-elect lems of shipping and marketing dis- should be protected because they de- that they urge upon their senators and acknowledged with a brief speech in cussed in the sectional meetings which stroyed cattle ticks, and perhaps, representatives the importance of con- which he pledged his best efforts to might be profitably listened to by all. thereby prevented the spread of splen- tinuing the work, which is now being the carrying on of the work. It has become strongly apparent, too, etic fever. None of the cattlemen pres- so efficiently carried on by the division that short and pointed talks are best ent challenged this statement and Pro- of entomology. appreciated, a fact which should tend fessor Attwater was vigorously ap-

that the newspapers of the state be appropriation of \$10,000, to be used in a number of interesting illustrations When the Institute convened Tues- requested to print the lectures of Dr. Texas in experimenting with forage of the growing plant and specimens

> The general congress met again special agent of the department of ag- breeds of draft horses, cattle, sheep 15,000,000 bushels grown in this state ricultural for the southwest, who has and swine, and an additional \$10,000, annually and that the unproductive been more instrumental in developing to be used in the erection of suitable belt will be greatly lessened. the rice industry of the gulf coast than buildings for the care and protection of any other one man, delivered an address in which he said that the hope of the nation rested on the building up of agricultural conditions. He con- board of directors of the Agricultural audience on "Marketing Fruit and conclusion, he urged the necessity for forts in caring for the comfort and by uniting, good prices were secured, American prestige and a readjustment station.

benefit of the former.

PLEA FOR THE FAIR. of the agricultural and horticultural vices during the past few years. department of the Louisiana Purchase Exposition stated, in a speech, that it whatever Texas is to do in the way of complished without delay. He also emphasized the point that exhibits sent county exhibits was read, conferring from this state would be placed in the buldings dedicated to the industry which they represented and not exhibited merely in the state building, as

It was announced that the premicongress would be awarded at the San Antonio fair next fall, owing to the

J. S. Kerr of Sherman moved a vote

of this association be extended to our this department is in operation," conofficers for the efficient manner in cluded Dr. Houston, "it will turn out which they have discharged their du- students fully equipped for the super-

ed to the Hon. James Wilson, secretary South." of agriculture; Prof. B. T. Galloway, After Dr. Houston had finished Prof. Miller Whitney, H. J. Webber, speaking, the election of officers for J. J. Spillman, A. J. Pictus, Dr. S. A. the enogress was very expeditiously Knapp and John Hyde, statistician, proceeded with. Vice-President Osfor the interest that they are taking wald Wilson, in his capacity as chairin the agriculture of the South, and man of the committee on nominations, especially that of Texas.

tion be extended to the general man- Connell was re-elected president; Col. agement of the various Texas railways E. S. Peters of Calvert, vice-president that have contributed to the success for the cotton growers; Oswald Wilof this meeting.

tion of the foot and mouth disease, Texas Fruit and Truck Growers' asso-

6. Whereas, Improved livestock is the same.

7. We recommend that the thanks of this association be extended to the

of the wage scale between the worker 8. We learn with regret that Secreon the farm and in the city for the tary B. C. Pittuck is to sever his connection with the college, and we recommend that the thanks of this asso-Frederick W. Taylor, superintendent ciation be extended to him for his ser-

J. K. P. HANNA. ED McCULLOCH, R: D. HUDSON, JOHN GURLEY. OSWALD WILSON.

The committee on awards for the upon Brazos county the "blue ribbon" for the most creditable display, though Williamson county secured honorable mention. The committee on pure food legislation recommended that agitation heretofore begun against frauds in food products be kept up.

Dr. David Franklin Houston, as chairman of the committee on textile school, reviewed what had been done in the way of agitating for an appropriation towards such an institutior as a department of the college, and congratulated the congress that an appropriation of \$50,000, with additional sum of \$7000 to pay the salary of a di-It was, he said, the intention to expend \$25,000 in the construction of a This latter would represent what would, under other have necessitated an outlay of \$75,00.00. the college apuld the necessary obtain "We recommend: 1. That the thanks ery at about one-third cost. "When intendency of a textile factory, as is That our thanks be also extend- now done at four other schools in the

read off a list which the convention 3. That the thanks of this associa- ratified without dissent. Prof. J. H. son of Houston, vice-president for the 4. Whereas, The general government Rice association; S. A. McHenry of Beeville, vice-president for the South

"The Value of Macaroni Wheat as a Texas Crop" was the subject of a ster-5. We recommend that the Texas iopticon lecture by Prof. M. A. Carlsenators and representatives be urged ton, cerealist of the United States De-There was a motion from the floor to use their influence in securing an partment of Agriculture, who exhibited of bread made from macaroni and the ommend that the legislature be re- tablished in the North, and we expect quested to appropriate, and the gov- a yield of from 50,000 to 60,000 bushels ernor be urged to approve, the expendi- in Texas this fall. I predict

CO-OPERATION IS URGED.

S. A. Dixon of the Southern Pacific system of railroads then addressed the for produce. Mr. Dixon stated that other, the farmers were robbing them-

Secently organized in East Texas for lawyer or teacher. Texas, he said, selling their produce has, and will, was particularly fortunate in having a prove a success just so long as the large number of strong technical agri- E. Smith of Grayson county, who adfarmers give it their moral and finan- cultural and stock papers. The rail- vocated a change in the law which cial report.

kets, tomatoes were being sold by the work of the federal congress in promot- be able to establish a good system of but just as the tomatoes reached their pointed out the hardships which the highest price a train load of tomatoes, A. and M. college had labored under in that much of the money which was beconsigned to a commission firm, arriv- the past and said that all this was ing expended for improvements in ed at the market, and to get even with gradually changing, as the last legis- America's distant possessions might be the exchange members for not sending lature had voted nearly all the money more profitably employed nearer home. their truck to him, the commission which the board of directors asked for merchant ruined the market by great- in order to place the college on its feet, ly underselling the price asked by the though the governor had found it necexchange representatives," contin- essary to curtail the appropriation ued the speaker. "The loss to somewhat. Dr. Houston declared, how-Texas truckers that day, caused by ever, that much could be accomplished one trucker failing to stand by the ex- with the funds available and enumerchange, and running in opposition to ated the improvements under contemit, was \$50,000. The farmers must plation. stand together, and not sell in opposi- During a brief business session which tion to one another if they expect to followed Dr. Houston's address, the rereceive fair prices for their products. tiring officers of the association were The business men of every other indus- re-elected as follows:

try do it, and why not the faremrs?" Connell stated that this had been a dent, and John Gurley of Gurley, secmost successful meeting; that there retary. had been some thousand members In the afternoon the Cotton Growers present, and he looked forward to a and Swine Breeders met together and more successful meeting net year- discussed the advantages of these inpossibly an attendance of fourteen or dustries when carried on co-ordinately. fifteen hundred-why not?

THE COTTON GROWERS.

Largest in point of attendance were meetings of the Texas Cotton Growers' Protective association, which met in joint session with the Swine Breeders' association a part of the time. These assemblages were held in the chape. while the general congress was not in session there. On Wednesday morning this department was addressed by Hon. R. E. Smith of Sherman, Texas, who spoke on the subject of live stock in connection with southern forage plants. Mr. C. C. Claridge of Palestine delivered an address on cotton and cattle,

which was well received. Prof. J. W. Carson of the Agricultural and Mechanical college made a practical talk on the subject of the "Economic Production of Beef," which was followed by a general discussion on

the balanced ration. In the afternoon Aaron Coffee of Mc-Kinney, expressed his ideas on "How to Make Farming Pay in Texas on the Intensive and Extensive Plan," advocating deep plowing and cultivation. He was followed by Prof. W. D. Gibbs of College Station, who gave a demonstration showing the texture of soils and pointed out the advantages of a thorough training for the young man who expected to take up farming as a with an exhaustive paper on "Some life work. Dr. S. A. Knapp of Lake Charles, La., special agent of the United States department of agricultural. was down for a talk on "Alfalfa and Demonstration Farms," but deviated ciation met at College Station, July 8, from that subject to some extent and in the Veterinary hall. The meeting told what had been done in the way of was called to order by the president, reclaiming the gulf coast of Louisiana Dr. M. Francis. The morning session and Texas, also the arid belt further was taken up in completing the constiwest. He told what rice had done to- tution. The literary programme occuwards the development of lands be- pied the afternoon session, which conlieved to be almost worthless a few years ago and declared that the introduction of macaroni wheat on the Bowel Worms of Cattle." Dr. Newton plains had pushed the non-productive G. LeGear of Waco, on "Prurigenous region two hundred miles nearer the Dermatitis," and Dr. A. E. Flowers Rockies. Before closing he predicted of Dallas, on "Rabies." Dr. M. Francis that ere long a use would be found for the "cut over" lands in East Texas from which the pine timber had been A. and M. College." removed, and said that when crops were found that would yield a satisfaccory growth on this soil \$50,000,000 would be added to the material wealth of the state. A. S. Hitchcock, expert on grasses of the department of agriculture, gave an instructive talk on that subject, in which he advocated the planting of cow peas, clover, wheat mending alfalfa under certain conditions. He strongly advised against the toleration of Johnson grass for pasturage, declaring that any of the other the Agricultural and Mechanical Colgrasses mentioned were superior to it in feeding value and not so difficult to get rid of. His advice along this line was loudly applauded.

The Cotton Growers' section was addressed Thursday morning by former handling of bees and numerous instruc-Lieutenant Governor George T. Jester tive discourses, after which State Enof Corsicana, who called attention to tomologist E. D. Sanderson delivered the fact that Texas now produced 1-12 an address. of all the agricultural products of the United States. He strongly advocated dairying as a side line and said that every home should have its fruit gar- Bale Ginners association, presided den and truck patch. Skill in cultiva- over by President B. F. Johnson, was tion and the utilization of resources at seld during the congress. It was dethe command of the individual farmer cided to form a ginners' mutual incounted for more he argued, than a surance association, the following belarge acreage poorly cultivated.

dent of the A. and M. college, spoke on "The Education of the Farmer," declaring that this was a subject which affected nearly two-thirds of the populaton. The percentage of people in the ed for granting unusually low rates to farming communities, he said, was steadily increasing, not withstanding the growing population in the cities, "The "effects eighty-five per cent of the people of Texas. More funds are necessary to properly educate our children and secure better school facilities. Expenditures for education are not a burden. there is nothing we can better afford. The right training of our future citizenship is of more value to us than are the bounties of nature."

Dr. Houston made a strong plea for an adequate training for the farmers of Dallas. This meeting was addressed on an entirely different, and plums on J. B. Baker of Fort Worth, vice-presi-

exchange at a very satisfactory price, ing agricultural science. In closing, he

E. S. Peters, Calvert, president; Os-In his closing address, President wald Wilson of Houston, vice-presi-

The swine breeders met in conjunction with the cotton growers Thursday afternoon. An address was delivered by Mr. H. E. Singleton on science of breeding, which was followed by a general discussion of the many points made in the address.

This was followed by the reading of an address by Mr. W. J. Duffel of Ross. steers, 977, \$3.50; C. C. Lee, Elgin, Mr. Duffel was down on the programme, but was unable to be present and his address, a very instructive one, was read by the secretary, the subject being "The Future of the Hog Raising Business in Texas."

This was followed by a practical talk by Mr. Davis of Sherman, on "The Selection of the Brood Sow."

The Cotton Growers' association wound up their business with a session made intensely interesting by an address by Prof. W. D. Hunter, in charge of the boll weevil investigation commission of the United States department of agriculture. He talked at some length, telling of the number of tests now being made under the direction of his department in the state of Texas. giving results and drawing conclusions, stating that so far results have been very gratifying.

Mr. Hunter was followed by Prof. E. Dwight Sanderson, state entomologist, Cotton Insects."

VETERINARY ASSOCIATION.

The Texas Veterinary Medical assosisted of papers by Dr. W. A. Knight of Houston, entitled "Stomach and delivered an address, the subject being "The Veterinary Department of the

A spirited and interesting discussion of cases met with in practice, occupied the remainder of the afternoon.

BEEKEEPERS REORGANIZE. At a meeting the Texas Beekeepers'

association held Wednesday morning, the following officers were elected: W. O. Victor of Wharton county, and oats as forage crops, also recom- president; J. K. Hyde, Uvalde, vicepresident; Prof. Lawin Scholl of Col-

lege Station, secretary-treasurer. Prof. Wilman Newell, formerly with lege, but now of Atlanta, Ga., delivered an address covering his experience while connected with the station apiary.

There were demonstrations in the

GINNERS HOLD A MEETING.

ing chosen to perfect plans of organi-EDUCATION FOR THE FARMER. zation: Jay Spivey, Aquilla, president; Dr. David Franklin Houston, presi- A. W. Watson; secretary; R. J. Garrett, Stranger; M. B. O'Bar, Warrington; W. M. Jones, Reagan; T. B. Win-

ters, Gorman: B. F. Johnson, Beeville. The railroad companies were thankthe congress and subjects of vital interest to the ginners were discussed. "soil and location," making clearly un-Heretofore the regular time of meeting problem of education," he added, for the ginners has been in May, but it was decided to meet with the Farmers' Congress hereafter.

GOOD ROADS CONFERENCE.

nated on the regular programme, yet one of no small degree of interest to the farmers present was the good roads conference organized and pre- second part. Peaches will grow on elected the following officers: E. W. sided over by Ex-Senator O. P. Bowser one kind of soil while apples will grow Kirkpatrick of McKinney, president;

roads were commended for their co- would enable the commissioners' "Recently at one of the larger mar- operation and Dr. Houston praised the courts to employ engineers who would grading and drainage and by Judge McKamy, who expressed the opinion

SOUTH TEXAS GROWERS.

The South Texas Truck and Fruit growers held an interestinf session and laid the foundation for a successful meeting in Cuero on the first Tuesday in November next.

William Bell of Luling made an interesting address on the "Culture and

Marketing of Grapes."

The question of the handling of truck products by railroads and express companies was discussed, and the committee, composed of Messrs. S. A. Fenton of Beeville, Gustav H. Schleicher of Cuero and David W. Davis of Alvin, was requested to take the matter up with such companies. The committee replied that it was ready to do so whenever any specifis complaints were filed with them.

Gustav H. Schleicher was made president of the executive committee, vice B. F. Johnson resigned.

A sufficient number of shares having been guaranteed, President S. A. Mc-Henry was instructed to secure the necessary books, blanks, etc., for or- ed to prevent general orcharding by ganizing the South Texas Truck and Fruit Growers' exchange.

AMONG THE DAIRYMEN.

The sessions of the State Dairymen's association during the congress meetings were few, but highly educational. A trip was made to the farm dairy and the different processes of feeding to produce the most and best butter, practical demonstrations in butter making, etc., were given and throngs of gentlemen made up from the other delegations were present and gleaned much profitable information from the demonstrations.

During the sessions a diversity of subjects were discussed.

Hon. George T. Jester of Corsicana, made a lengthy address on "The Jersey Cow and Her Products." This was followed by an address by Mr. J. P. Spann on "The Creameries of Texas," which was followed by Mr. J. M. Vance on "The Failures of Creameries." Each address came in for much favorable comment interspersed with the asking of questions covering different phases of the subjects.

The closing hours of the session were taken up by an address by Prof. J. H. Connell of Dallas on "The Outlook of the Dairy Business in Texas." Capt. Neal P. Anderson of Fort Worth, was called upon to tell some-

Toelelson, vice-president, Sealey; Florence, Tex. The program was so and instructive address. changed as to have only one day's ses-

BOYS' AND GIRLS' LEAGUE.

The first joint meeting of the Farmthe possibilities for future work dis- was taken up by them. president, Troupe, Tex.; Herald Brun- and J. F. Brill of Grapeland. drette, secretary, Dallas, Tex.

chosen.

WOMAN'S INDUSTRIAL SECTION.

the congress met Thursday and elected Mrs. S. E. Buchanan president; Mrs. Rebecca Henry Hayes, vice-preswere enrolled.

THE HORTICULTURAL SOCIETY.

C. P. Ost of Arp. gave his views on fections.

This was followed by an address by to consider had been overlooked. Peo-A feature of the congress not desig- ple unfamiliar with soils and plant growing made no selection. They had no well designed plan of procedure.

of the future and said it was just as by Judge R. B. Green of San Antonio, another. A great many people make dent and John S. Kerr of Sherman necessary to equip them for their life one of the strongest advocates of high- a mistake by trying to get a soil that secretary and treasures.

selves. The exchange the farmers have work as it was the prospective doctor, way improvement in Bexar county, will suit all of them. That is all right who told how best the markets could for domestic use, but for the commerbe brought nearer to the farmers; R. cial end a man must know what kind of fruit he wants and plant that. The average man has a scattered idea of commercial orcharding. He then sounded a warning, stating that in many sandy lands are found the little parasites called root gall. It was in the soil, he said, and was not transmitted by nursery men, as a great many people believed.

Mr. Faulkner of Waco took issue with Prof. Mally. He stated that the parasite did not exist in the soil, at least not up in his country, and while he did not know about the East Texas country where Mally was from, he was not sure about it. He claimed that the disease was disseminated from stocks bought from nurserymen.

This precipitated a debate in which legislation to check the spread of San Jose scale was proposed.

J. T. Sneed of Tyler, though himself a nurseryman, was of the belieft that laws should be enacted preventing the spread of the disease in this State. He believed that it was in the tree and not in the soil.

E. W. Kirkpatrick of McKinney stated that it looked to him as though the whole meeting had resolved itself into a body holding out against the planting of trees. He was at a loss for & reason, stating it was because some of those present had failures and wanted an excuse to offer to their wives, or that it was because the few who had spoken were extensive growers and were making money out of it and wantscaring the people at large. "Let them bring all kinds of trees to Texas, no matter what kind of diseases they have, he said: "The soil of Texas will soon purify them. In the States where they have laws the people are sick of them and say that the laws are worse than the disease, "is the way we put it.

Mrs. Johnson of Dallas took the floor and stated that she had a little dynamite to offer both pros and cons. "One man says that the disease is propagated, another says that it is in the soil. I have a government report, and it is not twenty years old either, that says no scientist of either Europe or America has ever yet discovered the cause of these diseases." This same reports says that when galls are found on trees if the diseased parts are pulled away and the galls cut off the tree will continue to grow and do better.

Mr. C. Onderdonk of Victoria, who has spent more than fifty years in the culture of fruit, stated that he had tried the recommendation and that he

had found it a success.

Mr. R. S. McKee of Mount Selman stated that he would take issue with Mr. Faulkner in regard to the June bud. In the Eastern Texas country-Jacksonville and Tyler-where June buds had been planted they had proven a success.

Mr. Howell of Parker county stated thing of the new \$5000 dairy barn re- that if people should allow themselves cently completed by him. The barn is to be led by the scientists they would along the most approved plans and is starve to death. He believed in planta model. It is capable of sheltering 200 ing trees, disease or no disease. He cows and has every contrivance known believed that if the legislature was goto the science of commercial dairying, ing to be called upon, it should enact Officers were elected as follows: J. a law against the man who does not Vance, president, San Antonio; L. plant instead of the man who does.

Under the head of varieties, Mr. C G. E. Adams, secretary and treasurer. Onderdonk of Victoria gave a lengthy

In the afternoon the society reconsion at the next Farmers' congress, vened and there were numerous interwhich will be on the second day of the esting talks covering a broad range of subjects, which were participated in by Messrs. Kerr of Sherman and Kirkpatrick of McKinney.

The nursery men met in joint session ers' Boys and .Girls' league was held with the horticulturists in the morning as a department of the congress, and and most of the time in the afternoon

cussed. Officers were elected as fol- At the opening of Thursday's session lows: Miss Carrie Jacks, president, culture and management were discuss-Slayden, Tex.; Noble Milton, vice- ed in papers by J. N. Sneed of Tyler

State Entomologist Sanderson made An executive committee was also a talk recommending the California cutaway disc harrow for cultivation purposes.

The problem of using water when The Woman's industrial section of planting, if used, how much and whether on top of the ground or covered, was discussed, the consensus of opinion being that in most countries no water ident, and Mrs. E. M. Barrett, financial should be used, or if necessary to use, An informal meeting of the Square secretary. A number of new names put under ground; if used in arid counties put on top.

Oswald Wilson of Houston gave an instructive statistical talk which showed that fruits and vegetables were Several sessions of the Horticultural worth more than cotton to the State. Association were held during the con- The causes and possible remedies for gress. On Wednesday the address of root and crown gall and whiskers were welcome was delivered by Prof. Ed- discussed and precipitated a three corward C. Green of College Station, to nered debate between Prof. E. J. Kvle which B. L. Adams of Fannin county, of College Station, F. W. Mally of Garpresident of the society, replied. Pa- rison and Mr. Knox of Sherman, who pers on orchard culture and manage- resented an imputation made by Prof. ment were read and furnished material Kyle that nurserymen were oftentimes for a large fund of helpful discussion. responsible for the spread of these in-

H. M. Stringfellow of Lampasas derstood recommendations along these made a distinction between root knot and crown gall. The former, he said, is produced from the nematode. He re-Prof. Malley. He said that the most commended potash for blight and does important propostion for the orchardist not believe that land can become infected from blight.

The Nurserymen's Association met in joint session with the Horticultural Society Wednesday and Thursday af-The question of soil can only play a ternoon and before final adjournment LOSSES IN MEXICO.

The unseasonable frosts near Lake Chalco, Valley of Mexico, have caused heavy losses of coin. Crops to the value of \$100,000,000 are said to have been dstroyed by frosts which, coming at this season, are quite unprecedent-

FIGHTING THE MANGE.

The Bureau of Animal Industry has inaugurated an aggressive campaign looking toward the eradication of scables, or mange, among Western GROWTH OF PACKING INDUSTRY. cattle. A few days ago Col. Albert While meat packing is gradually be-Dean, livestock agent in charge of the coming more important as an industry Barley, 55 bushels per acre; wheat, 38, work at Kansas City, received a proc- of the Southwest, the preserving of and oats, 72, these being the average lamation signed by Secretary Wilson, fish for market is as rapidly gaining directed to managers and agents of rail- in importance in the Northwest. A roads and transportation companies of dispatch from Tacoma, Wash., says the United States, to stockmen and that the Alaska Packers' association possessed of unexcelled quality, meats others interested, regulating the ship- has just completed, at Anacortes, the ment or moving of scabby cattle from most perfect salmon cannery in the one state or territory to another the world. It was constructed on the site regulations being similar to those con- of the cannery purchased about eigh- amount of grain and at very low cost. cerning the movement of Southern teen months ago from the Anacortes It is not a general practice for the feed-

WILLIAMS-FLYNN WEDDING.

lams of San Antonio, Tex., president steam boilers of 400 horse power. of the West Texas Military academy. patents, the latest improvement being The ceremony took place at the fine a fish-cleaning machine which does the old Craighead mountain home in Rob- work of twelve Chinese. This machine ertson county, and was performed by cuts off the head, slices the fish open Rev. Mercer Johnson, from Texas. The 5,000,000 cans are on hand in which to bride was exquisitely gowned in white pack the season's run. Six hundred embroidered chiffon, hand finished, and people will be employed, of which wore a veil of tulle caught up with a coronet of orange blossoms. Mrs. Thomas D. Craighead gave the bride away and little Miss Jennie Bunton acted as flower girl. An unusual number of costly gifts testified to the esteem of relatives and friends. Mr. and Mrs. Williams are now enjoying their honeymoon, after which they will be "at home" in the Alamo City.

THE WATER CURE.

about the farm home are inestimable. government has consented and the ex-Not only should the water be plentiful, periments are to be made in the Pan- partners and begun the erection of a but it should be easy of access, and so theretty within the next few days. The new factory of his own. During the 16, 1903. Round trip rate \$5.65. convenient that both man and beast result is looked forward to with great will avoid becoming thirsty. The sen- interest by stockmen below the quaranvation of thirst is nature's way of giv- tine line. system is going wrong, and is the same Klein, federal inspector at the Fort writes that the machines which he ex- trip rate \$34.15. principle that causes a journal box on Worth stock yards, to conduct the artificial machinery to screak or run tests, and the dipping will be under his hot when there is imperfect or insuffi- supervision exclusively. The dip com- great improvement over any that the cient lubrication. The good engineer pany has given the inspector full sway company with which he was formerly never waits until this condition arises in the selection of the stock to be exbefore applying the lubricant, and it perimented upon. He will, therefore, cannot be otherwise than deleterious to dip one head of each class of cattle. good health of the animal machine so that the test will cover all cattle if any of its wants are neglected kind. Some six or eight head will be until the warning signal is sounded.

Every farmer appreciates the necesfew of them realize that equipment for rangements have already been made thousands of Studebaker users are tellserving and distributing the water is almost of equal importance as the supply itself. It is, of course, worth a great deal to have a bountiful supply at the bottom of a well varying in depth from twenty to three hundred feet, but it enhances the value of the water more than 100 per cent if means are provided for raising the level of this water to a point fifteen or twenty feet above ground, so that it can be conveyed by gravity to all parts of the premises without human effort.

A great many people spend considerable sums of money each year in visiting watering places and mineral wells, entirely heedless of the fact that the

RELIEF AT HAND.

Thousands of Sufferers are Finding It Out.

Relief at hand.

For scores of rheumatic sufferers;

For hundreds of bad backs. For urinary disorders-diabetes.

Doan's Kidney Pills relieve and cure.

Read the proof of it. Mr. W. E. Giffee of 1917 East Nine-

teenth St., harnessmaker, employed with W. F. Weber & Sons, Kansas City, Mo., says: "It is about three years since I first noticed kidney trouble and soreness across the loins. At first I only had attacks, but later on it became a regular thing, and any movement caused sharp twinges across the small of my back. I tried a number of different remedies, but they failed to give me permanent relief. One day I dropped into W. P. Hucke's drug store, corand got a box of Doan's Kidney Pills. Their use in a few days banished the backache. I recommend others suffer-Kidney Pills a fair trial.

For sale by all dealers. Price 50 cents. Foster-Milburn Co., Buffalo, N. Y., sole North Texas...... 1011/2 egents for the United States.

Remember the name, Doan's and take

Charles .

benefits derived are not so much on account of the quality of water as the quantity used. If their homes were equipped with a waterworks system, there would, in nine cases out of ten, never be any occasion for going abroad to seek health.

Readers who are interested in such matters can get detailed information and estimates by promptly applying to now producing their five, six or seven Texas Challenge 'Health Promoting tons of alfalfa or five tons of red clover Company, 205 Em street, Dallas, Tex.

Packing company. The original can-The order is applicable to all the nery did not come up to the requirecountry lying west of the Mississippi ments of the association, although it weight at a cost within the selling price July will have advantages over later and the eastern boundary of Minneso- had packed more than 100,000 cases in -the profit accruing from the increas-

The buildings of the present plant have a floor space amounting to many acres, and are equipped with the latest type of machinery. The plant conesists of twelve buildings, the main An event of interest in educational acres, and are equipped with the latcircles of the Southwest was the wed- est type of machinery. The plant conding last week of Miss Ida Flynn of cannery being 50x208 feet. The ma-Rock Rest, Tenn., and Mr. J. Tom Will-chinery is operated by a battery of

> The company owns several ingenious and thoroughly cleans it. More than about one-half are whites, the rest being Chinese, Japanese and Indians,

DIPPING FOR TICKS.

An important experiment having for its object the eradication of ticks by the dipping process is to be made at Fort Worth in the latter part of this week and results are awaited with interest by many who believe that the test will solve the fever problem. For several weeks past the National Chemical Dip company of Fort Worth has been negotiating with the United States government at Washington in an effort to have the federal authorities give The advantages of plenty of water the dip a practical test, and at last the

dipped in the vats, just over the Trinity river in the bottoms at the foot of sity for having plenty of water, but too the street car bridge, where all arfor the experiments. After the dipping ing the good story of perfect satisfachas taken place forty days will be allowed to elapse in order to determine the effect. The dipped cattle will be placed in a disinfected pen along with an equal number of cattle not immune from above the quarantine line, to ascertain whether they are capable of communicating fever. This method has been decided upon as one that will demonstrate efficiency of the dip. The cattle to be dipped are to be selected by Government Inspector Dr. Klein.

Should the experiments prove satisfactory to Dr. Klein, the government will possibly adopt the system. This would do away with all federal inspection and dipping only would be necessary to fit the cattle to pass above the quarantine line.

in the Journal to tests which were made a little over a month ago at Midland. Tex., and which have proven successments are awaited with deep interest, especially by the owners of "infected" herds.

THE COTTON SITUATION.

Contrary to the expectations of many who have been influenced by previous reports which have been circulated through the state regarding the total Dallas News, after a careful investigation, finds a decrease in acreage in the State percentage of 3.54. This result was obtained after a careful and painstaking review of reports from 427 cerrespondents, covering 145 counties of the State, the reports being of an average date of July 5. For convenience in investigating and for the further purpose of securing reliable data regarding actual acreage as compared with the area planted last year, the ner of Eleventh and Walnut streets, State was divided into five districts, north Texas, from which 120 reports were received; east Texas, 63 reports; central Texas, 117 reports; coast country, 47 reports, and southwest Texas, ing from their kidneys to give Doan's 51 reports. The percentage of acreage in these districts as compared with that of last year, counting 100 per cent for last year, is as follows:

East Texas..... 911/2 Coast country..... 66 2-3 SHEEP IN THE WEST.

Discussing the improvement of sheep raising methods in the West during the past decade, Prof. R. S. Shaw says:

"Lands which hitherto have produced little more than enough grass for the maintenance of one sheep per acre are when placed under irrigation. Many of these same lands are capable of producing cereals at the following rate: for one Western county.

"With such an abundance of legumes of prime quality can be produced from clover or alfalfa with a minimum er to produce the increase in live ed value of the carcass."

Dr. D. M. Bye Co.: My cancer is cured up after using one month's treatment of your Combination Oil Cure. At first I could not hardly believe it was getting better when my folks would say it was. I had so little faith in it. But, thanks be to God, it has cured me and saved me untold suffering. I will heartily recommend it wherever I go. Very gratefully,

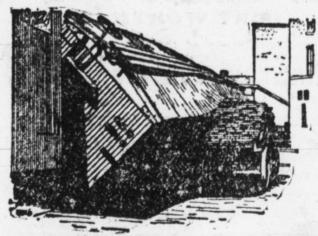
Age, 71 years. J. A. NEATHERLIN. Dr. D. M. Bye's Combination of Oils cure Cancer, Tumors, Piles, Eczema, Skin, Blood and Womb diseases. Doctors, lawyers and ministers of the gospel have been cured and endorse it. It is soothing and balmy, safe and sure and cures without pain or disfigurement. Illustrated books and rapers sent free to those interested. If not afflicted send this to some one who is. Call on or address DR. D. M. BYE CO., 418 Main street, Dallas, Tex. P. O. Box 462.

0000000000000000

M. M. Johnson has disposed of his interest in the Sure Hatch Incubator business at Clay Center, Neb., to his past season Mr. Johnson has been very pects to place on the market will be a identified have ever turned out.

AN OBJECT LESSON.

The accompanying cut of a Studebaker wagon tells the story of its strength and durability. It is a notable fact and



Reference has heretofore been made tion. You buy Studebaker wagons and you buy perfect satisfaction and you get the wagon clear. Isn't that worth ful. The results of the coming experi- consideration? It's worthy of the great name that is branded on every wagon, DETROIT, July 13 and 14 and after all it's a guarantee of its perfection and high quality. The branch ST. LOUIS, July 16 and 17 house located at 317-319 Elm street. Dallas, is prepared to furnish the BALTIMORE, July 16 and 17 Southwestern territory. Write to Wm. T. Fulton, manager. Your mail orders area planted to cotton in Texas, The will receive the same careful attention that we give to our visitors.

> COLORED EXCURSION TO PINE BLUFF.

Once more we are going to have a grand time, and we want you all to join us. On Aug. 3 the Cotton Belt will run an excursion from all points on its line in Texas to Pine Bluff, the maximum rate being \$4 for the round

The Arkansas Colored State Fair. Street Carnival and Emancipaltion Jubilee will be in progress Aug. 4, 5 and 6, 1903, and the limit of your ticket will enable you to spend the entire time in Through Sleepers Daily to Colorado Pine Bluff. Elaborate arrangements have been made for your entertainment, including a base ball game for the championship of Arkansas and Texas: speeches by men of national reputation. Splendid bands will furnish sweet music on the train.

Pine Bluff is strictly a colored man's town, they owning many fine buildings.

\$100.00 RANCE

Our Special Gift to those Who Guess in July.

Appreciating the interest our readers are taking in our guessing contest, we have decided to give away extra, a \$100 Charter Oak Steel Range to the one who guesses in July nearest the attendance of the Texas State Fair at Dallas this fall.

It is possible for one guessing in July to not only secure this special gift, but also secure the piano, as both are given to the one guessing nearest the attendance, but only a July guess can secure the \$100 range. Any one guessing in guessers to the extent that the range will go to a July guess.

The time to send in your guess is now, for the first recorded guess in July approaching nearest the actual attendance will secure the range. You have an opportunity to secure \$600 for one

business houses and fine parks, which will be thrown open for your pleasure. For details of entertainment, amusement, etc., watch for big bills or ask any Cotton Belt agent. Be sure to ge to this grand jubilee. For full information write to Harry Goodloe, Kerens, Tex.; Bob Gardner, Tyler, Tex.; W. M. Stratimire, Dallas, Tex.

EXCURSION RATES.



BROWNWOOD, TEXAS .- Meeting Western League Shooting Club. Tickets sold July 12 and 13; final limit July

DETROIT, MICH .- International Epsuccessful, having sold 20,000 incubators worth League. Tickets sold July 13 ing notice that the machinery of the The government has instructed Dr. and brooders for the company. He and 14; final limit July 22, 1903. Round

> BALTIMORE, MD.-Annual Meeting Grand Lodge, B. P. O. E. Tickets sold July 16 and 17; final limit July 28, 1903. Round trip rate \$39.30.

BALTIMORE, MD .- Annual Meeting Soverign Grand Lodge I. O. O. F. Tickets sold Sept. 16, 17 and 18; final limit Oct. 1st, 1903. Round trip rate \$39.30.

KANSAS CITY, MO.—Summer Schools. Tickets sold July 3, 11, 18 and 25; final limit Sept. 15, 1903. Round trip rate \$16.50.

W. A. TULEY, Gen. Passenger Agent. Fort Worth, Texas.

Low Rates to **Tourist Points**

ALL SUMMER LONG

ROUND TRIP SPECIALS

KANSAS CITY, July 11, 13, 25

SAN FRANCISCO, \$45.00, Aug. 1 to 10



and Chicago.

Write for Colorado Literature W. H. FIRTH, G. P. A.. Fart Worth, Taxas.

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I Instructors. 900 Students. Has Schools of Liberal Arts, Medicine, Law, Commerce, Music, Oratory, Painting. Also has Normal Course. Civil and Electrical Engineering Courses. Write for catalogue to DR. GEORGE MACADAM, President, Fort Worth, Texas.

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Fifty-aighth cassion opens Sept. 9. Largest and best equipped college for You the South. Send for catalogue. W. A. WH.SON, D. D., Prosident, Belton, Topac

OPENS SEPT. 1st, 1903.

Develops the best women out of the best girls in the best way at the best price possible. Consult your best friend that knows us best and write for a catalogue D. S. SWITZER, Itasca, Texas. or other information.

PEACOCK'S SCHOOL FOR BOYS

A Military School.

West End, San Antonio, Texas



Educate your boy in this dry and elevated atmosphere. Three miles from the city, by the lake. Ages 7 to 22. Colleges accept our certificates Study hall at night. Boys are taught the habit of studying. Man is a bundle of habits. Five men in charge of the cadets day and night. We help the backward boys. We aim at the individual. Brick building, hot air, gas, artesian water, hot and cold baths, closets, lavatories on every floor. Two new dermitories. Two boys to a reem, each on a single iron bed. Three teachers with the boys at night—We place young men on their henor, but we help them to stand on ft. Twenty-five to the teacher. Entrance examinations not required. Cigarette smokers not admitted. West End Lake (7) acres) controlled by the school. Boating, swimming, fishing, bathing, shooting. Cadets visit the city in charge of an officer or a teacher. Private property. Enrollment this charge of an officer or a teacher. Private property. Enrollment this charge of an officer or a teacher. Private property. Enrollment this charge of an officer or a teacher. Private property. Enrollment this charge of Its from 90 towns. \$200. Write new fer illustrated estatogue. Wesley Peacock, Ph. B. (Univ. of Ga.), Principal. J. W. Coltrane, A. B. (Trinity College, N. C.), Meadmaster Major Irving H. Hart, A. B., (Univ. of Iewa), Commandant.

References: Frost National Bank, F. F. Collins, Rev. Momer T. Wilson, Rev. J. W. Moore, Rev. A. J. Harris, Rev. A. G. Jones, Rabbi Samuel Marks

PATTON SEMINARY SELECT SCHOOL FOR GIRLS.

Advantages equal to any school in the South. Literary School, School of Music, School of Oratory. Literary Teachers, graduates of Wellesley, Vassar and Radeliffe, who have also done post-graduate work in the universities of Germany and France. School of Music has two German professors of National reputation from the royal conservatories of Leipsig and Colo-gne. Distinguished graduates of the Emerson College, School of Oratory. A School of Specialists; boarding accomposations such as would be expected in a select school. Large gymnasium and handsome auditorium erected this year. Physical culture given special attention, No better health record. Number limited to fifty bearding pupils. Each receives individual attention. Ten dollars to reserve a room. Those who register first have choice of reems. For estalogue address A. S. LAIRD, President, Oak CMI, Texas.

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The enly School in the Southwest for the exclusive study of the above arts. There is positively no better School in America for these who wish to prepare themselves for Teachers of Elocution, the Law, the Church, or any other branch of public speaking. Pupils received at any time; open winter and summer. For catalogues and information write W. W. HHATHCOTH M. A., President.

St. Cheries, Me. World's Pair only 16 miles. Electric and Steam Car connec-ST. CHARLES MILITARY COLLEGE tions with World's Fair and St. Louis. Location unsurpassed for heathfulness, social and religious influences. Exceptional advan-

tages for young men and boys in Special and Graduate Courses. For handsome catalogue, ad-Rev. Geo. W. BRUCE, A. M., President,

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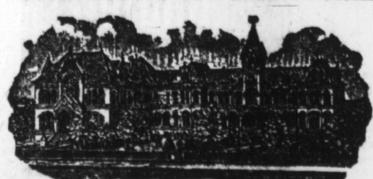
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Fourteen miles from Kansas City. An ideal boarding school for young women. Highest grade in Letters, Music, Art, and Elocation. Health unsurpassed. Beautiful location, and excellent accommodations. Write for catalogue to

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reopens Sept. 1st, For particulars apply

The Ursuline Academy of Dallas.

Thorough Scholarship, Art and Musical preficiency and the elevating refinement of Cultured Association has acquired for this well-known Institution

a wide reputation. The beautiful new addition completes one of the most attractive Architectural structures of the city. It contains scrubs not in the the apartments of the select day school, condition and prices on such the dormitories reflectory; library and be said to be just 100 per Study Hall for the young lady boarders and the Conservatory of Music.

References are required, School rauline Academy Dallas

THE HORSE.

When it is feared that a horse has been foundered, administer a quart of castor oil; and should the bowels not move in two or three hours, repeat the

When a horse fails to chew up the hay and finally drops it from the mouth to the floor or manger, there is every reason to believe that the teeth need attention and a veterinary surgeon should be consulted without de-

When boys or inexperienced men are be carefully instructed in the care and treatment of horses, and be taught that patience, kindness and common sense produce far better drivers and more successful horsemen than opposite qualities.

THE DEMAND FOR DRAFTERS.

An order for twenty black draft geldings has been placed in Chicago by one of the largest firms in Pittsburg. This concern uses none but blacks in the Smoky City, hooked to white pres't, Chillicothe, Mo. Car fare paid. wagons, and price is hardly considered when the order is being filled. Not so long ago this same firm sent out an order for around sixty head of lighter horses, all blacks and ranging in weight from 1600 down to 1000 pounds. A firm of brewers in New York also has an order in Chicago at present for gray drafters, but as the lowest line is placed at 1800 pounds it is figured that it will take some time to execute

can breed most profitably. Along this line Breeders' Gazette says:

"For the past few summers it has been the lesson of the auction sales of western range horses that those of draft blood were preferred by the buying dealers and that the more draft
blood disclosed by the animals the
better the price which would be paid.
Another bit of evidence trending along
the same line was supplied in the
Chicago retail market last week when

T. W. ROACH, Supt., Salina, Kansas. Chicago retail market last week when a full load of range-bred drafters, harness-broken and well mannered sold at an average price of \$175. Reports indicate that buyers did not discriminate materially against the rangebred when in competition with the corn-State article and on every hand the sale as a whole was judged very satisfactory indeed. It would seem that this lesson is practically conclusive when taken in conjunction with those of other years when wholly unbroken horses were the medium of trade. It is true that some very good pairs of mares such as sold at \$100 road and driving horses have been rather a peculiar condition in most that the auctions of such horses will country would be welcomed by the hard grain and hay and nothing else. breeding industry at large."

HORSES SCARCE AND DEAR.

high prices which prevail are points next meal to a much greater extent. which have been frequently pointed out by The Journal of late. Some observations along this line are now made by the Breeders' Gazette, which says in the current issue:

"To learn that horses are very scarce and dear one has only to pay a visit to the "bull pen" at the Union Stock Yards in Chicago any afternoon. Compared with what it was in 1895, 1896 or 1897 the said place of selling it but a shadow of its former self. Then it was a question of there being daylight enough to permit of the horses being auctioned off. Now it is a question of getting enough horses to make it worth the while of buyers to attend the afternoon vendues. It never has cost much to sell a horse at auction in the Chicago yards. It costs no more now and the facilities offered are adequate in every way. But the horses are not for sale. They are not being shipped in for sale. Only a few good horses are sent on for each day's sale. The rest are low in condition and often go for less than than country cost-at least that is the story told time and again within the hour. A motley collection these horses are outside of the few good ones which daily are sent forward. Most of the animals are merely country best condition and prices on such may fairly be said to be just 100 per cent higher than they were in any one of the years mentioned. Horses which in these years would not have brought more short time ago, \$60 a than go readily at \$130 now. Smallish

BIG 8 Chain of 8 Colleges owned by business men and indorsed by business men. Fourteen Cashiers of Banks are on our Board of Directors. Our diploma means something. Enter any time. Positions secured.

Draughon's Practical. Business ... (Incorporated, Capital Stock \$800,000.00.) Nashville, Tenn. Ft. Worth, Texas, St. Louis, Mo. Little Rock, Ark.

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ESTABLISHED 1886. entrusted with a horse they should the Lebanon College FOR YOUNG LADIES.

Buildings modern in every particular; heated by steam, lighted by electricity. Thirty rooms engaged for next term by June Ists we will soon be full. Courses in music, art, elecution, business and full literary work are to be had. Write B. E. WEIR, Ph. D., Manager; H. H. WEIR, L. L. B., Registrar, Lebanes, Tennessee. banen, Tennessee.

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Courses in Mason's
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Best practical ideas from
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er European Methods.
The twenty-four Artist's Touches, Phrasing,
Expression, harmony, Counterpoint, and Sight
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MUSICAL KINDERGARTEN FOR TEACHERS. A few "straws" of this sort point out Fifth year begins Sept. 9, 1808. Open all the to the farmer what type of equine he year. Home Boarding Department. Address LANDON CONSERVATORY DALLAS, TEXAS.

THE KANSAS WESLEYAN BUSINESS COLLEGE



SERVICE. We will teach you quickly, thoroughly, practically, and REFUND TUITION if situation is not assigned you.
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or thereby for the two animals sell for bred on the range, but in the unbroken \$250 far more quickly than they did state such have not sold with the for less than half as much seven and bands of weightier extraction. Range eight years ago. And at that a trehorse-breeding as was disclosed about mendous lot of rubbish is being sent on, a year ago in these columns is in rubbish which would never have seen the market in the years named and if parts of the plains and mountain coun- it had it would not have elicited a bid. try. In view, however, of the extreme- Any kind of a good horse accusly good sale alluded to and of the fact tomed to city fare will sell for \$60 or thereabouts and some users prefer to soon be in full swing definite informa- have such rather than country horses tion from dwellers in the range-horse much younger but not accustomed to

Avoid casting before swine more than they are able to clean up at one feast. The scarcity of good horses and the If not "stuffed" they will relish the

TEXAS STATE UNIVERSITY.

Wm. L. Prather, LL. D., President. One hundred and nineteen instructors One hundred and nineteen instructors and officers, 1036 students and 262 summer students. Women admitted to all departments. Tuition free, Total expenses \$150 to \$250. Students from approved colleges admitted without examination and properly accredited.

ACADEMIC DEPARTMENT.

Session and entrance examinations begin Sept. 23. Matriculation fee, \$10. Extensive library; Young Men's Christian association; Young Women's Christian association; gymnasium and gymnasium and gymnasium association; gymnasium and gymnasium instructors for men and women; athletic field; teachers' courses lead to permanent state teachers' certificates; women's dormitory, fire-proof, containing gymnasium, swimming pool, hospital, scientific sanitary arrangements; seventy bedrooms; board at cost; under supervision of Mrs. Helen M. Kirby.

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Session, entrance examinations and fees as above; full courses leading to the degrees of civil, electrical and mining engineer.

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(Located at Galveston.) Session begins
Oct. 1; entrance examinations preceding

week. Four years' course; faculty of twenty-two instructors: school of pharmacy; school of nursing (for women); matriculation fee, payable once, \$30. Address all communications concerning the Medical department to Dean Smith, Gal-

For catalogue of any department, REGISTRAR LOMAX

Breeders Who Seek Your Trade

HEREFORD HOME HERD, Channing, Hartley county, Texas. Wm. Powell, proprietor. Herd established in 1868. My herd consists of 400 head of the best strains, individuals from all the well known families of the breed. I have on hand and for sale all times cattle of hand and for sale at all times cattle of both sexes. Pasture close to town.
have some 100 bulls for sale a head of choice yearling heifers, all Texas raised. Bulls by carloads a specialty.

JOHN R. LEWIS, Sweetwater, Texas.
Hereford cattle for sale. Choice young
registered bulls and high grades of both sexes on hand at all times. Ranch south of quarantine line and stock can go safely to any part of the state.

SUNNY SIDE HEREFORDS.

Twenty high class registered females for sale, and one and two-year-old trolman 2n and Patrolman 4th; also fifty high grade females % to 63-64 bred as good as any in the state. W. S. IKARD, Mgr.

LEE BROS., PROPRIETORS, San Angelo, Tex., breeders of registered and high grade Herefords. Both sexes

W. J. STATON, BEEVILLE, TEXAS. I have for sale at all times registered, pure bred and high grade Herefords, Durhams, Devons and Red Polis of both sex-All raised below the quarantine line. Call or write for prices.

HEREFORD PARK STOCK FARM. Pure bred Hereford cattle, largest herd south of quarantine line. None but high class bulls in service; Lord Wilton, Grove 3rd, Garfield and Anxiety strains. Sale stock, both sexes, kept on Saginaw ranch, near Fort Worth. Come and see, or write your wants. -B. C. RHOME, Fort Worth, Tex. Phone 369.

J. L. CHADWICK, CRESSON, TEX., Near Fort Worth, breeder of registerand very high grade Hereford cattle. Bulls for sale.

HEREFORD GROVE STOCK FARM,

Childress, Tex., breeders of pure bred registered Hereford cattle. for sale at reasonable prices, breeding winter. considered. All Panhandle raised. Only first class bulls, both as to breeding and individuality kept in service. U.S. WEDDINGTON, manager.

V. WEISS, Breeder of pure-bred Hereford cattle.

REGISTERED HEREFORD BULLS, One, two and three-year-olds, immuned, natives, good. GEO, W.P. COATES, Ab-

Red Polled Cattle.

IRON ORE HERD

mont, Texas.

CAMP CLARK RED POLLED Cattle. J. H. JENNINGS, Prop., Mar-tindale, Tex.

W. R. CLIFTON,

Waco, Tex., breeder of RED POLLED CATTLE, Berkshire Hogs and Angora

"SAN MARCOS VALLEY HERD" Registered Red Polled cattle for tindale, Tex.

TEXAS raised Red Polled bulls for sale. HOWELL BROS., Bryan, Texas.

The World's Fair live stock shows of ern the manner of pruning. 1904 will be the first in which the classifications will be uniformly divided by regard to tree fruits that all dead age periods of six months instead of branches should be removed and the one year for beef cattle, swine and top of the trees be kept sufficiently sheep, thus giving proper recognition open to admit an abundance of sunto the general method of feeding for light for the coloring of the fruit. early maturity.

When writing to advertisers please mention The Journal.

CULTURE OF THE ORCHARD. A recently issued bulletin upon this subject by the Nebraska Experiment Station gives the following general conclusions:

We may fairly say that the tests reported indicate the best all-round method of culture for young orchards to be thorough cultivation in early summer, followed by a cover crop in fall, so far as tests covering only a few years can prove any method best. A mulch of straw is known to keep the soil moist during summer, and it also protects tender roots in winter, but its use will surely increase injury to tender tops of trees by prolonging fall growths. Besides a mulch includes heifers and cows, sired by Sanhedrim shallow root development, which may 46180, Ikard 6th, Warrior 80177, Wilton Alamo 9th, and Beau Brummel, Jr., the twos and cows bred to Warrior 5th, Patits use is out of the question in large trolman and Patrolman and orchards. Thorough cultivation protects trees against drought as well as mulching, and keeps the roots from forming near the surface of the ground. When cultivation is given in early summer, all that is necessary in order to furnish winter protection is to stop cultivating in mid-summer, grow a cover crop (weeds being better than nothing) which will dry the ground in fall, causing the new wood growth to ripen early in preparation for winter, and which will, by holding a mulch, protect tender roots during winter. Good cultivation in early summer can often be given young trees by growing some cultivated crop in the orchard. Tender crops are best, since they cannot be sown so early as to dry west. Twenty thousand acres have been the ground seriously in spring and are killed by fall frosts, thus preventing 1897, and probably three times as much very late drying. Cropping with corn, have been turned to the culture of the for instance, insures fairly thorough small fruit and vegetables in Smith A early cultivation, and corn is a fair county. This is an increase of three choice lot of young buils and heifers substitute for a cover crop in fall and hundred per cent in the area under cul- SCOTCH AND SCOTCH TOPPED

PRUNING FOR FRUIT.

Every kind of tree or plant, in fact, every individual, presents its own peculiar problems to the pruner. Hence (Ranch in Goliad county, Texas.) Both no arbitrary rules can be given. To sexes for sale. Address Drawer \$17, Beau- do the work most judiciously the operno arbitrary rules can be given. 'To ator must understand the principles involved, then apply them to each case. Skill in pruning can come only with experience and practice.

Perhaps the most important thing is to observe the manner in which the fruit is borne, says a bulletin issued by the agricultural department. For in-Registered Red Polled cattle, some stance, an apple or pear tree bears its bulls, cows and heifers for sale. Breeder, fruit mostly on "fruit spurs," and so W. C. Aldredge, Pittsburg, Tex. would not be pruned in the same way as a peach tree, which bears its fruit only on last season's growth. A quince tree, which produces its fruit on the tips of the growth made the present season, would naturally be pruned differently from either an apple or peach tree. Likewise, the correct pruning of grapes is based on the fact that the sale. J. L. JENNINGS & BRO., Mar- shoots of the present season produce this year's crop. The same principle in pruning holds true throughout the whole list of fruits-that is, the manner in which the fruit is borne should gov-

> In a general way, it may be said in Reasonably open tops are also of great advantage in spraying the trees and in harvesting the fruit. The natural

habit of the tree should suggest the Breeders Who Seek Your Tr. form to be adopted by the pruner. In other words, a tree the branches of which naturally droop cannot well be pruned to an upright form, and a tree DURHAM PARK SHORTHORNS—with a strong tendency toward forming an upright head cannot readily be Count Mysic 149751, bred by Geo. Campan DAVID made to assume a decidedly spreading form. Of course these natural tendencies can be influenced in a measure by the manner of pruning, but they cannot be entirely overcome. The tops should be kept symmetrical and as well balanced as possible.

small fruits is based on the same general principles as the pruning of fruit trees-that is, the manner in which the fruit is borne and the character of the growth should govern the method of

BOOM IN SOUTHERN TRUCK RAISING.

It is a tale among fruit growers and men interested in fruit culture that a commission firm in Boston, which supplies the most fastidious trade in the city, has a standing offer of \$16 for the erst car of Elberta peaches that goes out of Jacksonville, Tex., every year, This is equal to \$4 a bushel.

Last year, according to the St. Louis Republic, there were 300 cars of peach-Republic, there were 300 cars of peaches and double standard Folled Durham cates and vegetables shipped from that the Young stock of both classes for sale. W. W. and J. I. BURGESS, managers, little town alone; and the fame that Fort Worth, Texas. follows the flavor of the Texas Elberta peach, with the wonderful yield of tomatoes and the most incredible profits, has caused a perceptible turn in the tide of immigration that five years ago was steadily to the West and Northcleared in Cherokee county alone since tivation in each of the counties in six

Fifty thousand persons, it is estimated, have gone to East Texas since the discovery of the adaptability of the soil to fruit and vegetable culture. A net profit of \$8650 was made by James G. Boles on a farm of 105 acres, four miles east of Jacksonville, last year and the year before in peaches. Mr. Boles paid \$2750 for the land seven years ago, and after the crop was gathered last year he sold the premises to Wesley Love of Jacksonville for \$8000. Fixe million dollars, it is estimated, are being spent in Hopkins, Smith and Cherokee counties by St. Louis and Ohio capitalists on the showing of fruit culture since 1897, and the expenditure is being made after a careful investigation of soil conditions and of products.

CARE OF THE PEACH CROP.

There is no adjunct of the farm which can be made a better source of satisfaction and profit than the peach orchard, properly managed. The trees usually come into bearing before they have been planted three years and, by a little care and attention, can be made to yield a choice crop each season. In the National Fruit Grower, Rolland harmless males and females for sale at all times. Prices reasonable. J. N. RUSH-ING, Baird, Tex. interests throughout the Michigan and East Texas fruit belts writes:

"I think nine-tenths of the peaches are picked either too soon or too late and not at the right time. A peach one-half or two-thirds grown is semicolored and if picked will go on and take out the color, but never matures, never gets flavor and never has size. The last forty-eight hours in the development of the peach is what gives it the size, and it is a very important factor in selling. A peach should be picked as the greater portion of it turns to yellow or cream white, depending upon the variety. It should be picked immediately. It frequently happens that you should go over an orchard every day, every tree, and take out every ripe peach. A great many people gather their crop at two or three pickings, and they find their fruit coming into market in bad order and the commission man perhaps, making a bad report on it, and they do not like the commission man, while the fault is with them, and as our markets are getting better and better supplied each year by competent men, the men who cannot understand this, who cannot understand what the customer wants, must be the sufferer. He has nobody to find fault with but himself. I see a great lack everywhere I go of proper preparation for handing crops, even among large orchard growers. They are not well equipped as a rule, and not prepared to handle a crop when they get it, and then after working for years and years to get a crop they lose a large percentage of it from their inability to care for it rightly."

bell, Aberdeenshire, Scotland. DAVID HARRELL, Liberty Hill, Tex.

LOUIA B. BROWN, Smithfield, Tex. Breeder of registered Shorthorn cattle. Young stock for sale.

JULE GUNTER, Gainesville, Texas. I have 300 strictly pure bred registered bulls for sale. Write me your wants.

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registered Short horn cattle, young stock, both sexes, for sale. Address CHAS. MALONEY, Haslet, Texas.

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Young bulls by the Undefeated \$1000 bull Royal Cup No. 123093 and out of \$500 cows. Poland China Herd headed by Perfect Sunshine No. 29127 by "Perfect I Know," whose get has never known defeat in the Show Ring. Sows in here by the \$25,0 "Corrector" and the Grand Sweep Stakes winner, "Proud Perfection," sire of America's greatest prize winers. JNO. E. BROWN, Granbury, Tex.

WM. D. & GEO. H. CRAIG, Graham, Tex., on Rock Island railroad, below quarantine line, breeders of regis-Shorthorns and double-standard Polled-Durhams. Young bulls and heifers of serviceable age, our own raising, for sale. All of the oldest and best Shorthorn tribes and of the choicest breeding. Correspondence invited and all inquiries

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weather, avoid overcrowding the cars, supply; and, therefore, what is said as many deaths are attributable to this here will be applicable mainly to the

meal off her progeny.

scription of the rules of registry.

LENGTH OF HOGS' INTESTINES through restless energy."

the total length of the intestines of the for such a purpose. This makes the small intestine alone ness. those given by Cuvier. This may in- the defenseless pig. -Professor W. A. Henry.

OUR FRIEND, THE PIG.

at all-he should be quite round, like sideration to grower and butcher. marily for speed.

nothing less than the bacon with a "side meat," and esteemed as palatable "streak of fat and a streak of lean," and economical food by those who do are ready to declare as an abomina- hard labor. tion greasy, unwholesome and unclean, the Yankee porker that has attained be found on the pig with the deep sides, his form and fame through the absorp- and are much of an index to the anition of Indian corn for generations un- mal's general character and constitunumbered. On the other hand, many of tion. They should be neither too fine the points which pertain to what are called "bacon hogs," of English, Irish and Danish types, are not at all approved by the average swine growers of America, who produce a great proportion of the pork products of the

BERKSHIRE,

WINCEY FARM BERKSHIRES

and B. P. Rock. 2c stamps and testimonial. S. Q. Hollinsworth, Coushatta,

SHERMAN HERD-Poland China and Duroc Jersey thoroughbred hogs. In this herd is a majority of the prize winners at Dallas and San Antonio and July. Write for full information. C. D. HUGHES, Sherman, Tex.

LILLARD FARM BERKSHIRES.

Nothing in hog line for sale until after April 15. B. P. Rock eggs from prize-winning stock at San Antonio fair, at \$1.50 per setting. Few cockereds at \$2.00. GEO. P. LILLARD, Seguin, Tex. Box 210.

POLAND CHINA.

RICHARDSON HERD POLAND CHINAS Herd headed by the great Guy Wilkes 2nd, Jr., 20367, assisted by Texas Chief. Pigs for sale of the most fashionable strains. Satisfaction guaranteed. Correspondence solicited. J. W. FLOYD, Richardson, Dallas County, Texas.

REGISTERED Poland China hogs. I have eight very fine Perfection-Sunshine Poland China pigs for sale, at Their sire is a son of Chief Perfection 2nd; their dam is an Ideal Sunshine. STUART HARRISON, Fort Worth, Tex.

world. After all, the lean, leggy, lardless hogs which mainly represent the so-called bacon types are but a rela-When shipping hogs to market in hot tively small factor in the world's food opposite types, although to all good pigs, whatever the breed.

The brood sow of cannibalistic ten- A somewhat short, broad face, wide dencies should not be permitted to between the eyes, terminated somesurvive long enough to obtain another times, but not always, by a slightly upturned muzzle, is deemed exfremely important for what it suggests with Volume No. 5 of the American Ram- further reference to the individual posbouillet Record has been received. It sessing it. It says to the pig's owner, contains 306 pages, fifilled with ped. "This animal is of a quiet disposition, Grees 15,674 to 20,673 inclusive, also and has strong digestive and assimitransfer records 4307 to 6294 and a de- lative powers, likely to extract the utmost from the food consumed, for conversion into valuable product, with small probability of wasting must of it

Darwin states that the nature of the The well-rounded and rather promifood supplied the pig by man has evi- nent jowl, along with the short head, dently changed the length of the intes- suggests quick-feeding quality and tines. He quotes Cuvier as reporting early maturity in the animal managed

wild boar to be nine times the body A medium-sized, soft, silky ear, thin length; in the domestic boar 13.5 to 1; and inclined to droop, goes, in most in the Siam boar, 16 to 1. The writer breeds, with high quality and light measured the intestines of thirty-nine offal, as do large, heavy ears and tail, fattened hogs and found that the large thick skin and coarse hair, and bone, intestine varied from 13 to 16 feet, and with flabbiness and large offal; while the small intestine from 54 to 60 feet in the erect, foxy, pointed ear, sharp, long length. The average extreme body nose and convex face generally bespeak length of these animals was 3.5 feet. a nervous activity and perhaps vicious-

from sixteen to nineteen times the A deep chest, which is wide between length of the body, and the large and the fore legs, indicates that he is probsmall intestines combined about twen- ably of robust constitution, with plenty-one times the body length. From ty of lung room for large breathing; these figures it appears that the intes- it also signifies a hardiness that suctines of pigs of the improved breeds are cessfully resists or repels the many longer in proportion to the body than diseases which seem to lie in wait for

dicate that the modern pig can digest A not too long, slightly arched back, his food more thoroughly than his an- broad by being well packed on each side cestors, and also that he can eat a of the spinal column with muscle, larger quantity of food in a given time. which in this part of the body is known as tenderlein, tells of strength in various ways, as well as of added weight.

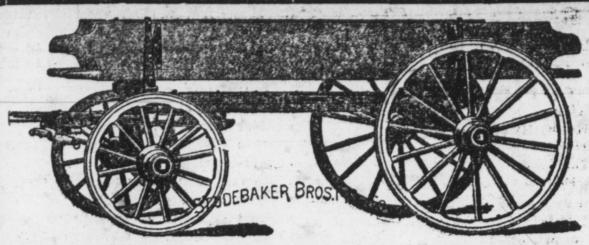
If the top of the rump is built back-Of course there are pigs and pigs, ward quite level, without much slant and, likewise, there are fashions in to the setting of his tail, not too low pigs, as in millinery and other merchan- down, and his thighs are fleshy, full dise. Moreover, wholly aside from the and large, firm and well let down in matter of breeds or types, there are at the twist, with the meat spread thickly least two radically different notions as on well down to the hocks, this gives to what a pig ought to be. Conse- a large ham, and it need not be said queenly, it is rather difficult to state that the ham is a considerable proporthe "points" of a good pig. Indeed, tion of the very highest-priced meat in some say a pig should have no points his carcass. This is an important con-

a sausage. But even this definition Sides of considerable length and might not please the southern "Crack- depth, with an even underline, mean er," for his favorite "razorback" is a a goodly weight of meat, which, if not long-legged, nimble fellow, built pri- extremely fat, is accepted everywhere as a good quality of bacon; but if very The epicures, who are satisfied with fat, makes much of what is known as

Rather short, stocky legs are likely to and small, nor too large and spongy, but amply strong for supporting the carcass at any stage or weight. The ankles should be strong so that the pig stands firmly and walks squarely on short broad feet, without difficulty and without signs of being in any wise crippled. Faulty breeding and a corn diet for generations have tended to faulty, sprawling feet and weakness in the lower limbs of many of the otherwise most perfect swine. These are defects which breeders should strive to overcome by selection, mating and properly balanced diet. Animals so vitally weak fairs 1902-125 pigs ready to ship in June in one part are likely to have kindred weakness in other parts that no careful breeder wishes to possess or prop-

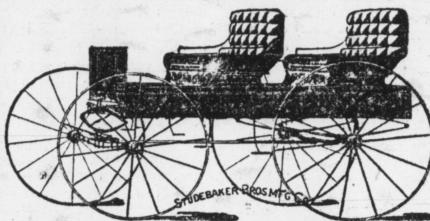
> Abundant hair, lively and somewhat fine and soft, growing out of a pliable skin, which is neither thick nor papery, and free from mangy conditions, tell the story of robust health, vigor, thrift and active circulation.

The ideal pig should not be too sleepy and sluggish, nor, on the other hand, restless and uneasy. Free action and a bright, sprightly manner are signs of good digestion and good health. If he is a comfortable, good-natured, friendly fellow, wide awake, disposed to visit with his owner, instead of running away from him, and has the reasonable prices. They are good ones. other points mentioned, he can scarcely fail to be a joy to his possessor, and approximate, in the eyes of many of us, a thing of beauty .- F. D. Coburn.



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SHEEP---GOATS

FRINGED TAPE WORM OF SHEEP. The South Dakota Experiment Station has just issued a bulletin on the ally found in the small intestines. Of drenching sheep in different positions. the symptoms it says attention is call- If the animal was drenched while ed to the fact that lambs which should standing, almost the entire quantity be doing well are unthrifty, scour and of the dose went into the fourth or true soon begin to gradually die. A more stomach. If it was placed on its careful examination will show that the haunches, the fluid passed partly into mucus membranes of the eyes are pale the fourth stomach and partly into the and bloodless; and, as the animal be- first. If it was placed on its back, alpears thin and emaciated, and the skin first stomach or paunch. These tapehidebound. Soft swellings appear un- worms being found principally in the vasations; the gait becomes feeble, the most favorable results are to be often large.

"We are indebted to Bulletin No. 19 of the other compartments of the stomthe Bureau of Animal Industry for the ach is largely lost. But the most usual following description of the Hutcheson method of drenching is as already demethod of treatment:

crust. The owner is cautioned against or three hours if necessary. guessing at the weights and measures, solution, which will kill his animal, or after receiving the copper sulphate. too weak a solution, which will fail to be effective. If a smaller quantity than the above is desired it can be made up per sulphate to two quarts of water.

before dosing.

(c) Size of Dose-

Age of animal. spoonful		
[21] [22] [22] [23] [24] [25] [25] [25] [25] [25] [25] [25] [25		100
For a lamb 3 months old	.1	2-3
For a lamb 6 months old	.2 1	1-3
For a sheep 1 year old	.3 2	
For a sheep 11/2 years old	.4 2	2-3
A sheep 2 yrs old and over.	.41/2 3	
Mile does should be seened		- 1-

The dose should be measured off in serve as a graduate.

is more satisfactory, the popular meth-

GOATS.

R. H. LOWERY, CAMPSAN SABA.
Texas. Breeder of Registered Ampora Goats. Correspondence solicited.

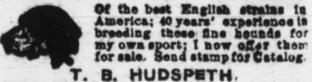
A MGORA GOATS—WRITE TO H. T. FUONS
(The German Fox), Marble Falls, lex.

SHEEP.

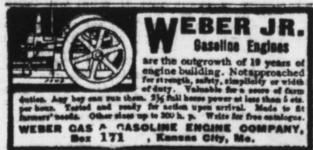
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od of drenching is with a long necked bottle. The assistant places the sheep on its haunches, taking its forelegs in the left hand and steadying the head with the right hand. The bottle is then fringed tapeworm of sheep, which is inserted in the sheep's mouth and the applicable in its information and ad- solution slowly poured down to prevent vice everywhere this trouble occurs choking. For the same reason do not The bulletin states that there the mor- raise the nose above the height of the tality sometimes runs high in the flocks eyes. In this connection it is of interest from this cause; that the worm is usu- to note the results obtained by Stiles in comes more seriously affected, it ap- most the entire dose passed into the der the throat or in the neighborhood intestines, it is quite evident from of the neck, owing to the seros extra- Stiles' experiments in drenching that the body under-sized, and the head expected by drenching the animal in a position, inasmuch as that portion of As a treatment the bulletin says: the dose which otherwise passes into scribed.

(a) To prepare the mixture dissolve (e) Overdose-If after dosing, any of one pound avoirdupois of good contmer- the sheep seem to be suffering from an cial powdered blue stone, slulphate of overdose, indicated by lying apart from copper, in two imperial quarts (2 2-5 U. the flock, not feeding, manifesting a S. qts.) of boiling water. When the painful excited look and a spasmodic blue stone is thoroughly dissolved, add movement in its running, walking with 6 1-2 imperial gallons (7 4-5 U. S. gals. a stiff gait, or purging with a dirty or 31 1-5 U. S. ats.) of cold water, mak- brownish discharge, take the affected ing in all 7 imperial gallons (8 2-5 U.S. animal from the flock to a shady place gals.) of water. Use only blue stone of and dose with laudanum and milk. For uniformly blue color. Avoid that which a lamb four to six months old give a is in conglomerate lumps with white teaspoonful of laudanum in a tumbler patches and covered with a white of milk. Repeat half the dose in two

After Treatment-The animals should for this is sure to result in too strong a not be allowed water for several hours

SHEEP IN SOUTH AMERICA.

A correspondent of the American on the proportion of one ounce of cop- Sheep Breeder in South America writes:

"That some of the people are alive (b) Preparation of the Animal-Fast to the advantage of using good blood will Enjoy our Meals. Prices Reasonable. the sheep twenty to twenty-four hours was shown by prices paid at the sales of imported stock. One thousand dollars in gold was paid for the best sheep and \$7000 for the prize bull, and, many others brought nearly as big prices.

> "In sheep the Lincolns are the most popular. There were some shown at the above-mentioned show of 400 pounds weight and one only eleven months old weighed 300 pounds.

"Rambouillets are practically the onbettle plainly marked with a file, to ly Merino sheep in this country and there are some very good specimens of (d) Dosing-While a drenching tube the breed here. There are a few Shropshires and Oxfords, but the two first named breeds dominate the trade almost exclusively.

"Of course full blood stock is only owned by the large estancieros who live near Buenos Ayres; the small farmers and renters are as yet paying no at-

tention to flock improvement. "Scab has a firm hold on the Argentime sheep but it is being battled bravely. Fully \$4,000,000 is spent annually for dips here. Various authorities estimate the sheep of the Argentine Republic to number from 100,00,000 to 120,-000,000, a very considerable portion of the republic's wealth. It is being recognized here that the shepherd's welfare is the public's welfare."

SHEEP ARE GOOD MIXERS.

periment Station, says that there are 600 kinds of weeds and grasses growing in the agricultural states, and of these sheep eat 550, horses eat 82 and cattle eat 56. He says sheep relish most weeds and do well on them, therefore, every farm of a quarter section should have at least a flock of twenty-five sheep to help keep down the weeds, and that small flocks pay their way on most farms in this way. He adds:

"Less labor is required in handling sheep than almost any other kind of stock. During a large portion of the year they will take care of themselves and at the same time utilize the weeds and other wastes found on so many farms. True it is that at certain seasons of the year they must be given food, care and attention. This is especially so at lambing time. The successful flockmaster is the one who watches the old and young very closely at this season of the year.

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To out of town buyers: If you come to see us and buy a Vehicle, we will pay your R'y fare not to exceed \$5.00. FIFE & MILLER.

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The difference between the cost of the Dandy Windmill and the inferior kinds represents what you pay for insurance

Against Loss by Storms, Breakages, Wear and Worry

And it is the cheapest premium you ever paid. No other windmill will stand so hard a storm, require so few repairs, or wear so long as the Dandy. Who is unwilling to pay a small extra price for such immunities?

Our stock of material for complete windmill jobs was flever so complete as now, and our facilities for serving you acceptably are unequaled in Texas.

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.... Absolutely First-Class

The Place to Eat — The Finest in the Southwest. EASY OF ACCESS-IN EUROPEAN HOTEL.

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Blacklegoids afford the latest and best method of vaccination against blackleg—simplest, safest, surest. They are always ready for use; no filtering, measuring or mixing is necessary. Accuracy of is always assured, because each Blacklegoid (or pill) is exactly sufficient for one inoculation. Administration with our Blacklegoid Injector is easy. The operation need not consume one minute. Blacklegoids are sold by druggists; ask for them. Our newly printed eight-page folder on the "Cause and Nature of Blackleg" is of interest to stockmen. Write for it; it is free.

> PARKE, DAVIS & CO. DETROIT, MICH. hes: New York, Kansas City, Baltimore, New Orleans, Chicago; Walkerville, Ont.; Montreal, Que.; London, Eng.

Save Your Eyesight MY WAY IS THE NEW WAY.

In the treatment of Cataracts, Granulated Lids and any eye affliction. My treatment of Ear, Nose and Throat ailments is simple, successful and scientific.

CONSULTATION FREE

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I have given years specially to treating Eye, Ear, Nose and Throat Troubles. After making a diagnosis of your case will tell you truthfully regarding your condition. If you cannot call in person write me.

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375 Main St., Maccabee Bldg.

DALLAS, TEXAS.



Write To-day For Catalog & Prices

PROCESS STEEL & WIRE CO. Dept. 18, DALLAS, TEXAS.

THE JOURNAL.

PUBLISHED WEEKLY BY FOCK AND FARM JOURNAL CO. fied by present conditions.

UNDER THE EDITORIAL AND BUSINESS MANAGEMENT OF SELDEN R. WILLIAMS.

OFFICES:

DRT WORTH. ANBAS OITY,

SCOTT-HAROLD BUILDING NEW RIDGE BUILDING

TERMS: \$1.00 PER YEAR IN ADVANCE.

WEDNESDAY, JULY 15, 1903.

for a display of minerals.

and "whey."

speaker who puts an audience to sleep Kansas City and and St. Joseph for stroyed the Amalekites. tion, from which all the pith has been five months under consideration 306,374 which should have been utterly de- how. Offices in 16 cities. Established eliminated by an overflow of verbiage. head were sent from these two mar- stroyed, to sacrifice unto the Lord thy 1893. A. A. ROTTNER & CO., 500 Real and to the point speeches are appre- ters are steadily being rehabilitated. clated, but the man who talks for five For the crop year up to June 2, the

THE AGRICULTURAL OUTLOOK.

the bureau of statistics of the Depart- show, however, that for the full crop over the enemies of Israel as he had WATSON, Dallas, Tex. ment of Agriculture show the acreage year the volume of receipts will un- grown great in the estimation of those of corn planted to be about 89,800,000 acres, a decrease of about 4,200,000 acres, or 4.5 per cent, from the area planted last year, as revised in Decem-

The average condition of the growing crop on July 1 was 79.4, as compared with 87.5 on July 1, 1902, 81.3 at the corresponding date in 1901, and a tenyear average of 89.8.

The average condition of winter wheat on July 1 was 78.8, as compared bushels of grain received, including with 82.2 last month; 77 on July 1, 1902; flour and meal reduced to bushels, for 88.3 on July 1, 1901, and a ten-year average of 78.2.

The average condition on July 1 of spring and winter wheat combined was 80, as compared with 82.9 on July 1, 1902, and 91.1 on July 1, 1901.

The amount of wheat remaining in the hands of farmers on July 1 is estimated at about 42,500,000 bushels, equivalent to about 6.3 per cent of the crop last year.

The average condition of the oat crop on July 1 was 84.3, as compared with \$5.5 one month ago, 92.1 on July 1, 1902, 83.7 on July 1, 1901, and a ten-year average of 87.8.

The average condition of barley is \$6.8, against \$1.5 one month ago, 93.7 on July 1, 1902; \$1.3 at the corresponding date in 1901, and a ten-year average of 87.3.

The average condition of winter rye is 90.2, as compared with 91.2 on July ford Cattle Breeders' association. At-1, 1902, 93.6 at the corresponding date in torney General Hamlin filed a bill told me that her father paid every 1901, and a ten-year average of 89.

The average conditon of spring rye 1901, and a ten-year average of 87.5.

The acreage of flax is about 500,000 acres, or 13.5 per cent less than that and the bill dismissed. Judge Tuley cluding the cattle from which he has of last year, and the condition is 86.2. The acreage of tobacco is about 7000

acres, or 7 per cent greater than that of last year, and the condition is 85.1.

sweet potatoes, is about 49,000 acres, that a young lady gets when away to amount realized, and was told that he or 16.6 less than that of last year. The college, average condition of potatoes on July The Carr-Burdette college of Sher-1 was 88.1, as compared with 92.9 on man, Tex., in location, building, home July 1, 1902; 87.4 at the corresponding furnishings, and personal attention dents. A postal to Mrs. O. A. Carr will

By careful perusal of the above statistics it will be seen that the bullish condition of the grain market is justi-

INTERNAL COMMERCE ACTIVE. Internal commerce conditions, as shown by the Department of Commerce and Labor through its bureau of statistics, compare favorably with the corresponding period of last year. For the month of May, receipts of live stock at Entered at the postoffice at Dallas, Texas, as five Western markets have been larger second class mail matter. than either of the two preceding arrived, compared with 2,461,868 head in which I hear? Nevada, the least populous state in April, and 2,346,410 head in March of the Union, has put to shame some of the current year. The usual course of her larger and most wealthy sisters, trade is in the other direction, and She has appropriated the sum of \$125,- these larger receipts may be partly ac- the Lord thy God; and the rest we 000 for an exhibit at St. Louis Exposi- counted for by the excellent condition have utterly destroyed. tion, of which \$70,000 will be set apart of pasturage throughout the producing sections, owing to the more prolonged period of rainfall. For five months he said unto him, Say on. In Chicago an ordinance has gone in- ending with May this year 12,581,790 to effect requiring that all skim milk head of stock had been received at wast little in thine own sight, wast cans, so the purchaser may know ex- and St. Joseph. For the corresponding actly what he is getting. The law is a period in 1902 a total of 12,502,506 head just one, which forcibly illustrates the were reported, showing that this sea- journey, and said ,Go and utterly defact that sentiment in favor of pure son is fully up to that of 1902 in this stroy the sinners the Amalekites, and sale, within two miles of county seat, a food has been gaining strength in the branch of trade. In 1901 the receipts large cities, where dwellers have grad- amounted to 13,213,926 head. If the live ually learned to distinguish the differ- stock trade be taken as an index to ence between butter and "oleo," milk economic conditions generally it would seem that a firm and even level the sight of the Lord? of prosperity had been maintained with dency to make public assemblages dull This view is confirmed by comparison with an address of several hours' dura- feeder and country demand. During the Farmers' meetings and institutes often kets, whereas in 1902 only 237,588 head God in Gilgal. suffer from this class of orators who, were sent, and in 1901, 272,196 head. though well meaning, have never devel- These figures indicate that the feeding oped the faculty of expressing their flocks of the stock-raising sections ideas in terse, clear sentences. Short tributary to the large slaughtering cen-

invited to "speak in public on the with 211,656,605 bushels in 1902, and 213,stage, 'especially during hot weather. 083,037 bushels in 1901. These figures

> The weekly average shipments of flour from Minneapolis for the first twenty-two weeks of the current year was 325,561 barrels compared with 299,-658 barrels in 1902, and 273,285 barrels

> At the North Atlantic seaboard the four ports of Boston, New York, Philadelphia and Baltimore report 106,250,012 five months ending with May. Last year's receipts were 80,238,432 bushels, being a gain of 25,811,580 bushels.

> Inspected receipts of grain at Portland, Me., for five months were 5,890,-756 bushels, of which 1,378,865 bushels came from American sources, and 4,-511,891 bushels from Canadian sources.

> The total available supply of cotton on May 31 this year was 10,567,508 bales. bales from the Atlantic states.

RECEIVER IS DISCHARGED.

aside the order appointing a receiver following item from a Utah correfor the assets of the American Here- spondent: Is 88.3, as compared with 89.3 on July 1, removed its offices to Kansas City on hay, he also gave every tenth dollar. 1902, 93.3 at the corresponding date in June 1. An order was entered appoint- Also with his cattle. he gives oneing the dismissal of the bill.

HOME ATTENTION. .

If there is anything that is attractive The acreage of potatoes, including and inviting, it is the home attention

is very essential to the comforts of stu- lets.

SUNDAY SCHOOL LESSON.

JULY 26.

SAUL REJECTED AS KING. 1 Samuel 15:13-23. Authorized Version.

13. And Samuel came to Saul: and Saul said unto him, Blessed be thou of the Lord: I have performed the commandment of the Lord.

14. And Samuel said, What meaneth then this bleating of the sheep in months, a total of 2,512,501 head having mine ears, and the lowing of the oxen

> brought them from the Amalekites: for the people spared the best of the sheep and of the oxen, to sacrifice unto

> 16. Then Samuel said unto Saul, Stay, and I will tell thee what the Lord hath said to me this night. And

17. And Samuel said, When thou must be shipped and sold from red Chicago, Kansas City, Omaha, St. Louis thou not made the head of the tribes king over Israel? 18. And the Lord sent thee on a

fight against them until they be con-

19. Wherefore then didst thou not obey the voice of the Lord, but didst fly upon the spoil, and didst evil in Texas.

20. And Saul said unto Samuel, Yea, One of the things which has a ten- at least fair prospects of continuance. I have obeyed the voice of the Lord, railway shipping point. Address BOX 121, and have gone the way which the Lord Palestine, Texas. sent me, and have brought Agag the and uninteresting is the long-winded of the movement of livestock from king of Amalek, and have utterly de- CASH FOR YOUR FARM-We can

sheep and oxen, the chief of the things Send description and we will show you

22. And Samuel said, Hath the Lord as great delight in burnt offerings and

fat of rams. 23. For rebellion is as the sin of witchcraft, and stubbornness is as REMEMBER, we have more choice hours and does not say anything that total receipts of wheat at eight mar- iniquity and idolatry. Because thou farms listed, and are selling more than the memory will retain, should not be kets were 228,519,561 bushels, compared hast rejected the word of the Lord, he any other agent. ROBERTSON & hath also rejected thee from being WATSON, Dallas, Tex.

> sight of the source of this power and Address BOX 88, Fort Gibson, I. T. when commanded to destroy the IF YOU want to buy cheap railroad to untruthfulness, perhaps dishonesty, at least in not telling the whole truth. He sought to excuse his sin by showing the good use that was to be made letter writing when wordly wisdom,

Samuel who had brought to Saul the mission that he had been chosen king, now comes and says "that because thou hast rejected the word of the FOR SALE—Farms, ranches, irrigable lands; electric light and ice plant, doing Lord he hath rejected thee from being king." We see that the selfishness and tion cheerfully given. year, which were 10,360,617 bales, as well as 9,815,674 bales in 1901. The sources obedience and consideration Real Estate Agents San Saha Toronto as 9,815,674 bales in 1901. The sources obedience and consideration Real Estate Agents San Saha Toronto as 1,815,674 bales in 1901. for the forms and ceremonies. If the 2,804,083 bales from Texas, 3,513,806 heart is not right, the life will reflect 640 ACRES, Lipscomb County, well wa-2,804,083 bales from Texas, 3,513,806 heart is and disappointments will graded cattle; 3-room house, farm implebales from the Gulf states and 4,034,545 its shadows, and disappointments will graded cattle; 3-room house, farm implements, etc.; \$4200. A. C. HAMILTON,

THE MORMON TITHING SYSTEM. After listening to arguments last the Mormon church receives from Friday Judge Tuley at Chicago set tithing may be gained through the

Yesterday a Mormon young woman against the association several weeks tenth load of hay for tithing when he ago, in which he alleged that it had brought it from the field. During the ceased to do business in Ilinois and had winter, when he sold the remaining ing a receiver for the organization. A tenth of what he has, and the next motion was then made to have the or- year he tithes the same stock over der appointing the receiver vacated again, giving one-tenth of all, thus indenied that part of the motion involv- paid tithing for many years plus the increase. This man is in moderate circumstances, yet he pays \$500 a year tithing. He asked the officials if, having once tithed his hay and stock, he must again tithe them when any were sold by giving one-tenth of the must do so. Is it any wonder that this organization is so abundantly provided with the "sinews of war?"

date in 1901, and a ten-year average of surrounds one with hove-likeness that bring you full particulars, with book-

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

The Texas Stock Journal: The Texas Farm Journal;

Kansas City Farm Journal.

The combined circulation of the three Journals secures by far the largest circulation in the Southwest.

RANCHES.

15. And Saul said, They have FOR SALE-Mountain ranch, all stock, machinery and vehicles. Pery Ault, Dil-lon, Col.; \$4500.

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

FARMS.

FOR SALE-We have improved farms, stock farms and stock ranches, also several large tracts of land suitable for colonization purposes in McCulloch, Brown. Coleman and Concho counties. For further particulars and prices address W. T. MELTON & CO., Brady, Tex., or MELTON & COUCH, Brownwood, Tex.

1200 ACRES in Jack county, Texas, for flourishing railroad town. Nearly all tillable land, both timber and prairie; fenced and improved, and splendidly adapted for a fine stock ranch. For full particulars address BOX 145, Jacksboro,

FOR SALE-Tract of choice East Texas fruit land, unimproved, convenient to

sell your farm, home or business quick-21. But the people took of the spoil. ly for cash, no matter where located. Estate Trust Building, Philadelphia,

sacrifices, as in obeying the voice of BLACK waxy land farms for sale, and the Lord? Behold, to obey is better will loan you money to help pay for than sacrifice, and to hearken than the you a home. ROBERSON & WATSON, Dallas, Tex.

CHOICE black waxy land farms in cover ten months of the crop year in Saul had proven a great success as Dallas county, in small and large spring wheat section, and eleven an organizer of the people and mili- tracts. If you will let us know just Preliminary returns to the chief of months in winter wheat section. They tary leader. He had won many battles tion to suit you. ROBERTSON

> ONE TRACT of good grass or farming doubtedly exceed those of either 1901 he was leading even to his own estiland, consisting of 720 acres, to let on mate of his power increased. He lost 5 or 10 years' lease; cheap for cash.

> > Amalakites, he failed in the accom- lands for farming or raising of cattle plishment of his commission because in Mississippi or Oklahoma, on easy of disobedience. This disobedience led terms, write to M. V. RICHARDS, land and industrial agent, Washington, D. C.

STENOGRAPHERS.

WANTED - Let of the spoils he had taken contrary to sas City. I will do it promptly and the express command that he should reasonable. Circular typewritten letdestroy everything. A failure to obey ters a specialty. Write me regarding my stenographic work. Stockmen's leteven the written laws of our land ter writing especially solicited. MILthese modern days, is considered DRED R. BROWNE, Stenographic Parlor, 612, New Ridge Building, Kansas City, Mo.

REAL ESTATE.

a fine business: town property. Informa-

Cayote, Tex.

Some idea of the enormous revenue 320 ACRES good land, no brakes, near railroad; \$2 an acre. PANHANDLE ne Mormon church receives from RANCH AGENCY, Hartley, Tex.

FOR SALE-Two sections land, rich loamy soil, fine grass land. Write for par-ticulars R. L. KANE, Dalhart, Tex.

TEXAS, TEXAS, TEXAS-The state of Texas has more than 10,000,000 acres of school land for sale at from one dollar to two dollars per acre, one-fortieth of the price cash and the balance payable forty years after date at only three per cent interest. For further particulars address ASHBY S. JAMES, Special Special School Land Attorney, Austin, Tex.

FOR SALE-Four sections school land, well located for small stock farm. Box 82. Channing, Tex.

BUSINESS CHANCE.

A partner in registered Hereford cattle with experience to run the same; would prefer middle-aged man. I will furnish pasture and a well equipped farm to feed and handle the same. I am obliged to quit work on account of health. Partner must have at least \$10,000. Correspondence solicited. C. T. DeGRAFTEN REID, Ceta, Tex.

When you write to advertisers please mention the Journal

FOR SALE AT A BARGAIN-Two standard bred horses, one a roadster, one a combination trotter and saddler, both young, extra nice animals. Box 5, Coleman, Tex.

FOR SALE-Ten head of Double Stan-dard Polled Durham cattle, acclimated. and a bargain. Address J. E. LUTZ, Vernon, Tex.

FOR SALE—300 steers, 50 two-year-old past, balance one-year-old past. Callahan Co. cattle. Could pasture for a time. R. CORDWENT, Baird, Tex.

800 THREE and four year old well graded steers; 100 two year old, same grade, for sale. Write P. M. GREEN. WOODE, Whitney, Texas.

FOR SALE-About 4500 head of highly graded stock cattle, in classes and quantities to suit purchasers, also about 400 stock horses, at the Las Moras ranch in Menard county. If desired, arrangement can be made to leave the cattle and horses in present pastures on excellent range until fall or next spring. Apply to Max Martin, Masonshrdlu Apply to MAX MARTIN, Mason, Tex., or WALTER TIPS, Austin, Tex.

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

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

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

wanted. A. C. MIDDLETON, Musko- While I am an uneducated man who gee, I. T.

AGENTS WANTED.

Fort Worth, Texas.

SPLENDID INDUCEMENTS to good men or women. Alpha Tau Mutual Benefit Order. Home company. Cheapest life, health and accident insurance. month. Money loaned to members, wheat, Mirror and Farmer, a promitive desired amount of liquid; replace slightly used embracing best makes of POPE. Cameron, Tex.

want a few good salesmen and salesladies in your locality. Our proposition is new and a money maker. Write us at once, giving reference and where last employed. Address STOCK AND FARM JOURNAL CO., Fort Worth, Texas.

MULES.

FOR SALE-24 head of gentle work mules, 5 to 8 years old, 16½ hands high; weight from 1.100 to 1.300 pounds; in fine condition. J. H. ROPER, Itasca. Texas.

MISCELLANEOUS.

Bldg., St. Louis, Mo.

WANTED-Your order for a pair of ing but firstclass work sent out, fit rants the opinion that dollar wheat is allowed to take its natural course. and satisfaction guaranteed. A. H. more than a possibility, and that other The bulletin mentions the fruits infest-BOEGEMAN, Hillsboro, Tex.

BED-WETTING cured regardless of age. Package of Pen-ine, directions and book-let mailed free. MISSOURI REMEDY CO., Dept. 350, St. Louis, Mo.

STOP THAT RATTLING-Tighten your mar the paint; any one can operate. Ma- which wheat products now enter into found in the various apple sections of cures piles; prompt, permanent and own buggy tires. No heating; will not chine complete with 100 aluminum washers sent on receipt of \$2.00. Guaranteed to do the work without taking off wheels. Your money back if not as represented. RAPID TIRE TIGHTENER CO, Station F, Toledo, O.

WANTED-From 10 to 30 sections of good smooth grass land in Northwest Texas, with water. Will pay cash for a bargain, Don't answer unless you have one. Address Box 282, Paris, Tex.

WANTED-To buy oats and wheat at

FARMERS who wish to better their descriptive pamphlet and map of Ma- many millions of bushels short of the heat or soil the fruit, just put it up days. I will mail samples of fruit and ryland, which is being sent out free output of last year and reduce her cold. Keeps perfectly fresh, and costs full directions to any of our readers for of charge by THE STATE BUREAU of charge by THE STATE BUREAU exports, accordingly. Argentina, for almost nothing; can put up a bushel in nineteen (19) 2-cent stamps, which is Address Mr. H. BADENHOOP, Secre- some years a formidable rival of the 10 minutes. Last year I sold directions only the actual cost of the sample, tary, Merchants Nat'l Bank Bldg., Bal- American wheat grower in European to over 120 families in one week; any postage, etc. Francis Casey, Dept. 18, timore, Md.

EDWARDS, 336 Main St., Dallas,



NATIONAL AMERICAN SOCIETY OF EQUITY. Home office, Indianapolis, Ind.

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FARMERS SHOULD UNITE.

retary of the American Society of settled here at the forks of the creek in the year 1855. I am here yet and proud of it. I will say I would like to going method of introducing the bisulbe placed on a slate of the kind you are phide is to bore a hole about one inch after—that is, to let the man that in diameter in the middle of the top AGENTS make \$25.00 per week introduc- raises the truck get value received for ing Milkene, the great milk producer: it, and not the middleman. I have of each box. Under this hole, inside new discovery. Write to-day, MILKENE been a farmer in Texas a long time— the box, fix a small bunch of cotton have boys and girls married on the been a farmer in Texas a long time- the box, fix a small bunch of cotton DO YOU WANT WORK?-Our new prophave boys and girls married on the waste, rags, or almost any absorbant WANTED-Reliable ladies and gentlemen farm and want to see the farmer on to act as agents for our papers. Big mon- the front seat, for he feeds the judges, ey makers. STOCK & FARM JOURNAL, lawmakers, and all others besides. Then why not help a weak and weary use, fit a stopper to the hole outside kindly furnish us reference and where brother who is pulling hard against and the box is ready for use. Place FARM JOURNAL CO., Fort Worth, Tex. all combines?"

tural states and the eastern drougths handling more than one thing when which are scorching everything east of moving from vine to vine. The carthe Alleghanies have clouded somewhat the prospect of bumper crops in in, and poured from, an ordinary galthe United States, but there is still lon oil can such as is used for keropromise of much more food production than will be needed for home consumption and that there will be a demand CONTROL OF THE CODLING MOTH abroad for all that can be spared at Control of the codling moth is the prices that will be very remunerative subject of a bulletin recently issued to the farmers. Indeed, there are ex- by the United States department of perts who, with all the available facts agriculture, the author being C. B. MONEY TO LOAN on farms and ranches before them, predict that while our Simpson of the entomology division. CO., Board of Trade Bldg., Fort Worth, grain crop will be very large, the sur- This topic is one of supreme interest to FOR LEASE-Large livery and sale plus will go to market at record-break- apple growers, it being estimated that stable in heart of Houston, the great OPIUM AND WHISKY HABIT Cured at ing prices. The officials of the agri- over one-fourth of the apple crop of home in four to eight days. No pain. Ad-cultural department at Washington, the country is either totally ruined or over 60 stalls. Apply to GEO. L. PORwhile they refrain from positive state- materially injured by it each season. TER & SON, Houston, Tex. ments, are evidently of the opinion In many large areas this insect that the data they have collected war- would cause a total loss if it were food stuffs will follow this cereal up ed and gives the life history of the inthe scale. Their reasoning runs in this sect, its natural enemies, together with

disastrously that Great Britain will cent of the fruit may be saved." have to look elsewhere for the liberal ruling market price. Write WISRODT supply of wheat and flour she has GRAIN CO., Galveston, Tex. usually received from that country. usually received from that country. I have perries, grapes and peaches a Russia's crop, according to the most year old, fresh as when picked. I used conditions are advised to write for a reliable reports obtainable, will fall the California Cold Process. Do not markets, reports a shortage that will one will pay a dollar for directions St. Louis, Mo. compel European consumers to look when they see the beautiful samples of Largest factory in the Southwest. elsewhere for their supplies. Germany, fruit. As there are many poor people Rape is a good forage crop for sheep

acreage and crop conditions are very unsatisfactory, and the United States is the only country to which she can look to supply the deficiency. Her officials may talk of legislation shutting American wheat from German markets, but her needs will be the best assurance against such enactments. France will not be more than able to care for her own wants in the cereal line. And as dear wheat means an increased demand for other foods it is fair to conclude that nearly everything that comes from the farm will be wanted at an advance. The western former has been on easy street for several years, and there is no hard sledding in sight for him.

DESTRUCTION OF SUCKING IN-SECTS.

The principal pests included in this Selden R. Williams, Fort Worth, Tex., group are such insects as plant-lice. which frequently damage melon and squash vines. The treatment, as suc- toria, Texas. Hiram Miller, Indianapolis, treasurer. cassfully practiced by Professors Garman and Smith, consists in covering Hon. Sid Conger, Shelbyville, Ind., the young vines with small tight box- lake, 125 in cultivation, made 65 bushels Hon. Freemont Goodwine, Williams- es, twelve to eighteen inches in diameter, of either wood or paper, and introducing under each box a saucer con-Arthur Dixon McKinney, Indianapo- taining one or two teaspoonfuls (one or two drams) of the bisulphide of car- MORPHINE, opium and liquor habits ben. The vines of older plants may be There are other officials yet to be wrapped about the hal and gathered in under larger boxes or tubs, and a greater. but proportional amount of bisul-phide used, says an agriculture depart-today to DR. PURDY. Mitchell building. In a letter to George B. Latham, sec- ment bulletin. The covering should be Room 20, Houston, Texas. MULES-Two cars, ones to sixes, car Equity for Texas, Ike H. Story of Kit left over the plants for three-quarters broke mares, one jack, will pay spot writes: "I see in the Journal of this of an hour to an hour, and with fifty cash for good stuff. State prices week something that suits my ideas, to 100 boxes a field may be treated with comparative rapidity.

A slight improvement upon the forematerial capable of taking up somewhat more liquid than it is intended to once and we will send you particulars. it over the plant, being careful to see that the edges set into the dirt all HALF PRICE AND LESS THAN

preventative and remedial measures.

The home demand will be greater The bulletin concludes: The results than ever before, due to the increase in secured against this insect by these population and the variety of forms in methods under the different conditions while the demand from abroad will In the infested sections of the far west, certainly be much greater than ever if no measures are used, from 85 to 100 McKAIN'S MAGIC SALVE-Put up in before. This is due largely to the per cent of the fruit is injured. By an unfavorable crop conditions in other intelligent application of these prevenwheat-raising counties. The drought tive and remedial measure many pracin Australia has affected the crop so tical tests show that from 85 to 98 per

A CHANCE TO MAKE MONEY.

this side of the Atlantic this year. Her hundred dollars 'round home in a few the pasture is wet

MISCELLANEOUS.

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cured at home by a treatment wholly new in method, action and results; no pain, suffering or prostration; you continue your regular work every day; no dreaded

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Discussing the outlook for dollar around; remove the stopper; pour in HALF PRICE for organs taken in ex-For particulars address THOMAS A. nent eastern agricultural journal, says: the stopper and leave the vapor to do this country; never before have such "The western floods which have sub- its work. This oviates the necessity values been offered. Write or call, A CHANCE TO MAKE MONEY-We merged large sections of four agricul- for saucers and saves the trouble of THOS. GOGGAN & BRO., Dallas, Tex., in the South.

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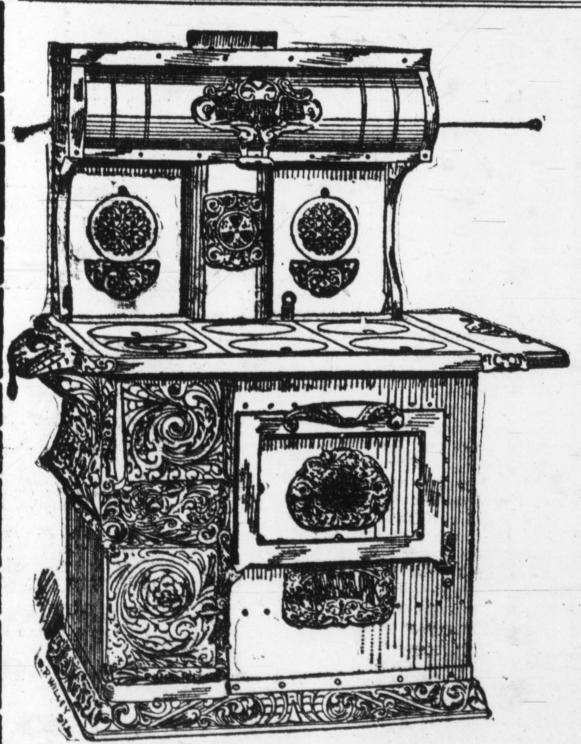
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DAIRY

During warm weather it is well to turn the cows into the pasture at hight.

Milk is made sour by a group of bacteria that grows in the milk and acts on the milk sugar and produces lactic acid. These germs stop growing when the lactic acid reaches the limit of 8 per cent. There is milk sugar left in the sourest milk.

TO KEEP BUTTER IN SUMMER.

on a bench of wood about 18 inches nucleus. to within half an inch of the top, and cells and tubules. delight to the buyer.-Epitomist.

PREVENTION OF MILK FEVER. Some of the breeders of the Island of Jersey have fallen upon a plan which has given very satisfactory results towards the prevention of Milk Fever. A few dairymen in this country have adopted the same plan with

equally as marked results. Yet, the cases reported so far do not cover a sufficient number to demonstrate the entire reliability of the treatment, but are sufficient to warrant a trial.

The treatment consists in simply milking enough milk to ease the udder, at intervals of four to six hours—say one-half pint from each quarter at a milking or four to six quarts in twenafter calving the udder may be milked for work.

ble reports have come, no other meas- degenerate, only the outer part of it. ures were employed in order that a The fat, casein, albumen and milk correct estimate of its virtue might be sugar are formed by this process of obtained. For this reason, the writer partial degeneraton of the cell. The believes that a dose of salts given a water and salts, on the other hand, few hours before calving and then followed by the above treatment will prove very satisfactory in preventing this condition, as a purge by itself, tends to prevent Milk Fever as well as Mammitis.

TYPE IN DAIRY COWS.

I would like to heartily endorse the sentiments, "Form as an indication of dairy propensities." We hear the trash argument that type has not anything to do with performance, coming from the beef breeders, and very seldom from a dairyman.

My experience is that type is all we have to go by, and I firmly believe that I can take Jerseys and in twenty-five years' selection for beef points breed them to the perfect beef form of the Durham, and in the same time can breed the Durham to the perfect dairy type of the Jersey, simply by selection

and nicking. If we cannot judge from type we have nothing to go by. I have had fifteen years' experience in dairying, and I find that every time we try to couple the beef qualities with the dairy we lose in the production, and when the beef men breed their cattle to dairy production they lose their perfect beef type.

I am also confident that a man is just as big a fool to waste good feed on a dairy animal to make beef as he is to waste good feed on a beef animal to make dairy products, and the only person that needs a general-purpose cow is a general-purpose man.—Edgar Silcox in Farmers' Advocate.

THE MECHANICS OF LACTATION.

The exact mechanism of milk-secretion by the cow is very interesting. The epithelial cells with their blood and nerve supply are the important factors in milk-secretion. All other things are subordinate. Upon the development of the cells depend the quality and quantity of the secretion.

The cow must be viewed as a re-

ceptacle into which so much and solid food may be introduced at one end, while from the other end so much milk may be drawn, writes J. J. Repp, a well known dairy expert. Without denying the influence of other things it is safe to conclude that most depends upon the capacity for work possessed by the cells of the gland.

The epithelial cells, which are the working part of the gland, and which line the innumerable little sacs and tubes which make up the gland, are little masses of proteid substances. To keep butter in the summer sea- known as protoplasm, enclosed by a son, pack it in well soaked tubs or fir- thin membranous wall. Near the cenkins, put a little damp salt in the bot- ter of the cells is a small particle of tom and place it in a cool, dry cellar more condensed protoplasm called the

from the cellar bottom, and the same As the time for calving approaches, from the wall. Stone or earthenware these cells multiply rapidly and are does not keep butter well, as the mois- cast off into the acinus. In addition ture from the surronding atmosphere, large white blood cells, called leukoin warm weather, condenses on such cytes, find their way into the acini vessels and soon affects the butter. Put These leukocytes take up fat droplets no salt on or between the layers. Fill which are secreted by the epithelial

place a clean wet cloth over the butter, When calving occurs, watery ma; and pack the edges down with a knife, terials are added to these accumulated and then spread thinly wet salt over cells, and the resulting fluid is known the top of cloth. The above mode of os colostrum. The large leukocytes packing and keeping butter will be with fat droplets within them are a useful to many, and cause a smile of prominent feature of the fluid when viewed under the microscope.

Gradually the character of the secretion changes, until about the end of the fourth day it has the true characters of milk. While at rest, the epithelial cells are small and granular. As activity sets in and advances, the cells become increased in size, the granules disappear, and the cells become filled with secretion.

The outer part of the cell, between the nucleus and the lumen of the tubule, undergoes fatty change and is cast off to constitute part of the solids of the milk. The remaining part of the cell, which contains the nucleus, then immediately undergoes a regenerative process, so that soon the cell ty-four hours. In two or three days is restored to its ful size and capacity

This cycle of degeneration and re-Mammitis has not followed this generation may be repeated a number treatment as one would naturally sus- of times in each cell before it finally dies and is cast off. In the process of In the cases from which such favora- milk secretion the whole cell does not

> are the result of simple transudation, or filtration, from the blood and lymph canillaries which surround the cells.

> As evidence that the formation of casein and sugar are not a mere filtrate, we have the fact that they do not exist preformed in the blood or lymph even up to the point at which these fluids come into contact with the cell. Fat exists in the blood, but only in very small quantities,

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EDITOR'S NOTE. For 40 years the Peaber a fixed fact, and it will remain so. It is as standard as American Gold.

Ag-The Peabody Medical Institute has many imitators, but no equals.—Boston Herald.

WOMANS DEPARTMENT

RAIN AND DUST COATS.

An indispensable article of apparel is a long dust or rain coat for traveling, and much thought has been expended in developing something graceful as well as useful for the purpose. These coats will also be found va! the for chepping or when it rains or threatens to do so. They are generally made of taffeta or cravenetted wool of some kind, though the silks for this purpose as well as for many other purposes are has been a movement in favor of the treated by the process which makes them waterproof. These coats are un- they have been voted down, and these lined, are loose enough to slip on easily over any costume and are very long, some of them having almost a train in the back. The finish is plain, as a rule, but a few of the coats display a little ornamentation. A pretty one has a cape made of three folds, the When there is a large leaf it is outlower two being detachable. The loose lined with the silver or veined with it. sleeves have two folds laid around and The effect is fine. slightly fastened. At the side seams are pockets, excellent and sensible cently seen was of pale French gray things which are almost forgotten by voile. The corsage was trimmed with most women.

but little beyond amusing herself, and erty silk in a delicate shade of eau de few there be who have not stocked up nil. The small turn down collar was with sweaters, golf vests and all sorts made of the same silk, and there were of things in the way of mountain two hanging ornaments in cream silk elimbing frocks, to say nothing of cords to finish the soft lace front, wheeling suits and auto costumes. The last for the present season are more apt to be of crash or heavy unbleached linea than anything, with becoming hats and caps. The approaching cup racht races have evoked a long line of sailor suits with something about each to signify to which boat the wearer's heart leans, and there are many suits with soft green shamrocks embroidered on the sleeves and wide collars. These suits are mostly of duck, though quite a number are of strong Irish linen, bleached or unbleached.

Among the newest of the materials now being made up for auxiliary dresses and suits for the smart set one finds some really exquisite mercerized chevlots, soft and yet so silky that it is almost impossible for one to think they are not at least half silk. A few of these cheviets are plain; other styles have an embroidered design; some are all white or black or in various solid colors or in mixtures.

Some of the all over embroidered batistes in colors make up into beautiful dresses, and there are some all over white ones quite as attractive. A new



GOWN OF FRENCH GRAY VOILE.

wrinkle is the old fashioned embroidholed heavily for the edge.

lierre, valenciennes and white chan- side.

tilly. Some of these dainty thin froeks have fancy shawl shaped capelines made of the same material as the dress and trimmed to match. The point of the shawl reaches down below the waist in the back and also in the front. The dresses can only be made with material forty-four inches wide, as the shawl is precisely square, and is worn doubled, so that both points appear at the back one below the other. Some like to wear this shawl as a fichu, but there are so many of these that one is forced to believe that they will be a fashion in themselves as shawls pure and simple. For several seasons there crape and india shawl, but somehow may be before winter, but they are pretty in the light stuffs.

For fine dinner gowns the black spangled dresses are very fashionable, and are prettiest when the black spangles are picked out with silver ones.

One of the prettiest gowns I have rea double bertha of cream tambour lace Just now lovely woman is thinking of edged with a double ruche of soft libwhich also formed the vest. The skirt was gathered on cords in three tiers falling full to the foot.

HENRIETTE ROUSSEAU.

PUNISHING THE CHILD.

child.

they have occurred at an annoying was laid on each adjective, and steadper. Never give way to temper in cor- fast was the summing up of it all. recting a child. Wait until your feelings are calm.

obeyed. Do not enforce obedience by had learned from a small schoolmate.

which can be carried out immediately. and wear out sooner than the rest of Let punishment follow as closely as the article. I suppose that is what it possible the offense. It is unwise and is done for. This little girl took the unkind to prolong the unhappiness utmost pains with a specimen of the caused by a small fault by suggesting time and labor wasting work, then cara punishment which must of necessity ried it to her mother, expecting high be deferred. Don't deprive the child praise. But her mother said: "Violet, of a promised good time next week be- throw away that stuff, and never do cause of what he has done today. Let you touch any of it again. I won't him begin next week with a calm mind and a clear conscience.

All punishment should be logical, and the reason for things should be explained to a child as soon as it is old enough to understand.

Always expect a child to be good and show great surprise and disappoint. They have more opportunity and ment if he fails.

It is very unwise to suggest naughtiness by such remarks as "She is not going to leave her things around again in disorder, is she?" "He won't be a bad boy and slap his little sister again, will he?"

And, above all, remember this-let the punishment be as light as possible and always make the children feel that you are their friend and good adviser instead of their tyrant.

HELEN CLIFTON.

THE REFRIGERATOR.

Look the refrigerator over every morning and see that the shelves are wiped off. A bit of meat left on the shelves, a few drops of milk or cream ery patterns made so that around the spilled and allowed to sour, will taint bottom of the dress there is a design every other article of food inclosed which has wheels of large dimensions within the chest. Twice a week take encircling smaller wheels, while the everything out and wash the racks istence of the United States and says lower side is scalloped out and button- with warm water that has baking soda dissolved in it. Wash the sides of the White lawn and finer batiste dresses walls, take out the strainer and pour are shown for belated ones or those soda water down to cleanse the pipe, who like to get new gowns from time running a swab, tied to the end of a to time all through a season. These piece of whalebone, up and down the are trimmed with lace in the usual pipe to free it from slime. Wash the quantities, which means all that can be drip pan also very thoroughly, dry the put on, but now there seems to be racks in the sun and leave the refrigrather a fancy for the finer laces, like erator door open to dry and air it in-

THE NEW WOMAN.

ANY women, like Peter Ibbetson, "dream true." More than would own to it have visions more or less prophetic. It is certainly now a time when the human nervous system is developing so that it will be able to catch far finer sounds, far more delicate sight impressions, than the average civilized person is at present able to do. This power is a lost one which animals and to some extent primitive man retain. Women have with their keen nerves the frequent gift of clairaudience and clairvoyance. Several ladies I know receive positive intelligence and inspiration from sources imperceptible to the common outward senses. Sometimes impressions come as astral pictures-again as soundless voices. There is nothing supernatural about it; only a more finely attuned nerve system that catches impressions unperceived before. The real help of these impressions is not, however, the vulgar one of aiding us to gain our coarse and crude material aims, like getting rich or winning a husband. One who depends on the vision for things like this will be led astray by her own foolish auto suggestion. The real help is spiritual and mental. For this vision can be trusted every time. A few mornings ago one of the women I mentioned waked from a sound, sweet sleep and at the moment of doing so perceived some words. To save her life she could not distinguish whether she herself said them or whether something said them to her. It was probably what is called her subconscious mind that spoke the words. They seemed to come as the close of an oration or message of some kind; but Use a little logic in correcting your whatever the source they lingered with her all through the day and many days It is unjust to ignore a child's faults after that like a sweet perfume. The and only occasionally punish them—words were: "Be strong, be true, be probably with undue harshness-when steadfast." A cumulative emphasis time or when you were in a bad tem- fast came last, as though to be stead-Perhaps it is.

Give the child as few commands as possible, but insist that these be rigidly mother by some fine needlework she idle threats, for as the child's intelli- She had done some very delicate hemgence grows it will see that these can-stitching, I think they call it; at least not be kept and will be unmoved by it was that kind where you draw them. The minute the child discovers threads out of a thing at the bottom of that the mother does not mean what a hem and then further make holes in she says respect and discipline vanish. It by means of a thread and needle so If a threat is necessary let it be one that a line around the hem will tear have you ruining your eyesight in that way." Sensible mother! Fortunate Violet to have such a mother!

> I wonder why American college girls do not take to special scientific study. greater advantages than any other women, yet so far they seem content with achieving a high standing in scholarship, the mere committing to memory what other people learned before them without making original research for themselves. That is what the true lover of science does in any department. It is not to the credit of American women that the greatest mathematician of their sex, Mary Somerville, was British; that the woman chemist who has shown herself to possess one of the great brains of her century, Mme. Curie, is a Polish woman resident in Paris. What are our women students about in the United States?

Gourley, M. P., of Nova Scotia, in the Canadian parliament squeals defiance at the American eagle, says, so it is reported, that he detests the very exfurther his loyalist ancestors would rise from their graves should he speak a good word for the Union. There, there, Gourley, M. P.! Don't be too hard on us. Think how a merciful Providence raised up the United States on purpose to keep the British aristocracy out of the poorhouse! Think how it would have to come down and work for its living if Yankee girls did not buy its young fellows for husbands!



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exercised to prevent the solution from plays of pet stock, vehicles, etc. getting into the lungs of the fowls. ery's directions seem a little unsafe, position. Those which contain the different oils of petroleum origin are liable to do serious injury to the plumage and skin. Most of the dipping preparations should first be tried very cautiously. Aside from the proper ar-

POULTRY.

HE BEST-THE BEST BUFFLEGHORNS try displays. Bur Rocks. Eggs for hatching, 2.00 per 15. No stock for sale. I will satsfy you. J. F. HENDERSON, Fort Worth, Tex.

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rangements for removing and cleaning roosts and nest-boxes, providing a good An excess of bone forming materials dust-bath before the window where it usually needed durng the winter. Road dust is best, but if it has not been se-Hens kept in confinement and not cured in the proper season, use sifted

PRIZES AND PUBLIC SALES AT THE FAIR.

magazine, the new season's gowns F. D. Coburn, chief of the Departseen in the various importing houses ment of Live Stock of the Louisiana continue to prove the indispensable Purchase Exposition, has arranged for quality of braids for binding. It a total of over 26,000 prizes in the seems that stylish gowns cannot be classifications for horses, cattle, sheep, properly finished without the essen- swine, poultry, etc., for the World's tial finish which is imparted only by Fair shows next year. These are unthe clever use of mohair braid; for no precedented in amount and are divided other material will give that stylish among twelve breeds of beef and dual hang to a skirt which lends it the air purpose cattle with 2352 prizes, four of distinction and truly Parisian ele- breeds of dairy cattle, 560 prizes; nineteen breeds of horses, 3458 prizes; eleven breeds of swine, 2772 prizes; SHEEP DIP FOR CHICKEN LICE. fourteen breeds of sheep, 2548 prizes: For destroying chicken lice, F. E. 375 varieties of poultry and pigeons, Emery of the Wyoming station recon- 10,300 prizes; fifty-seven breeds of mends that the fowls be dipped in a dogs, 2604 prizes. There are thirtysolution of sheep dip. He estimates two additional prizes for single cows that 10 to 121/2 gallons will be sufficient and herds entered in the dairy demonfor thirty to forty fowls. The plumage stration, five for oxen, fifty-five for should be thoroughly soaked, and care mules and 1310 for the estimated dis-

Provision has been made for five Yards and buildings should be sprayed cash prizes and two honorable mention with the same preparation. Mr. Em- awards in most sections except poultry. The final arrangements of the since sheep dip differs greatly in com- classifications may still further enlarge the numbers of prizes offered.

The general desire of the live stock breeders to have public sales made a a feature of the live stock shows at the World's Fair has met with hearty approval by Chief Coburn, and the lead-

The Louisiana Purchase Exposition will be the first world's fair to provide for the holding of public sales of pure with the judging or other features of the exhibition. Public sales of prize feature of fat stock shows and the leading state fairs, but no opportunity for this popular method of selling

The sales will be under the auspices of the breeders' associations interested and within the period in which the lowing associations have already asked for assignments of sale dates:

Cattle-American Shorthorn Breeders' association, American Hereford Breeders' association, American Aberdeen-Angus Breeders' association, from fine Mammoth Bronze turkeys, American Galloway Breeders' associa-W. Leghorns, White and Barred Rocks, tion; horses-American Percheron Horse Breeders' and Importers' association; swine-American Poland China Record company, National Duroc-Fine Barred Rocks, Hawkins and Jersey Swine Breeders' association, American Berkshire association.

An entirely new departure decided Vacation outings among snow-clad upon as a leading feature of the live stock awards at the Louisiana Purchase Exposition is the premier or sweepstakes championships for each breed. These are intended as grand Go there on the prizes to recognize both the skill of the breeder and the enterprise of the ex-Telephone 221.
At New Exchange Stable. Ft. Worth, Tex. hibitor. It is proposed to give a premier championship award to the breeder making the best showing in each class, the showing to be deter- Luxuriously equipped with observation mined by the largest aggregate amount Pullmans, library-smoking car and awarded to animals bred by the breed- chair cars. 25 STYTES ers represented in that class. The preof the bes mier award to the exhibitor in each class will be made on the same basis.

The large amount to be offered for prizes and the consequent breadth of "A Colorado Summer." the classifications and the world-wide 100 STYLES character of the shows will make the premier championships at St. Louis an exceptional honor, certain to be strongly competed for and highly appreciated by the exhibitors as well as

breeders of the prize animals. The Kansas Improved Stock Breeders' association has appointed a committee of three for each of the various Prices Right breeds of live stock to work for a rep-Stock Yards Harness Company, resentative exhibit of Kansas live stock at the St. Louis World's Fair.



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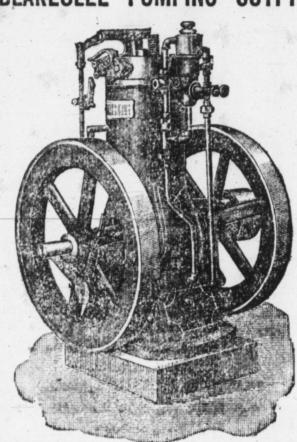
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M. V. RICHARDS, Land and Industrial Agent, Southern Railway

ORGAN BUILDING.

N the United States a woman builder of church organs would be a great novelty. In England, however, such women are not so rare. The skilled worker in the craft gets \$10 a week, which is large wages for Great Britain. Here the pay would be much greater. Why American women have never tried it one cannot understand, for the work is not difficult.

In England the organ builder's trade is apt to run in families and be handed down from father to son or, as in the



DECORATING THE PIPES.

case of Miss Wedlake, well known in London, from father to daughter. Mr. Wedlake was a famous British artificer of church organs. He had a large factory of his own. His daughter desired to learn his handicraft. He desired to have her do so. She could not be apprenticed regularly because, being a woman, the sky would have fallen had she been articled like a boy. But, being a woman, she also had an eye, an ear, a touch and an adaptability to the work of organ building that not one boy in a thousand possesses. There was no law to prevent her learning the business as a rank outsider. Her father was a man liberal far beyond his time on the woman question. He himself taught her and took a fine pride in her progress.

Like a boy, she went into the factory and learned the trade from the ground up. It is a delicate, beautiful work, thoroughly healthful, artistic enough to be inspiring and satisfying.

Since she learned her trade Miss Wedlake has been constantly busy. She has the woman's natural quickness of eye, and long practice has made her accuracy absolutely unerring. Her work is chiefly the construction of bellows and the ornamentation of pipes. orated in white and pale yellow. The come already prepared. Then Miss white. Panels of yellow silk decorate Wedlake leathers and gussets them to- the wall, and the lights are in the form exactly to fit and carefully adjusted to yellow flowers. the wood by hand. There must be no looseness of execution here, for it in yellow and pale old rose. Even the would ruin all. In one of the large piano stool accentuates the empire churches of London-St. Jude's, South idea. Kensington-Miss Wedlake did all the nection who organ bellows work Miss Wedlake's father invented and patented an ingenious piece of mechanism, or silk. which won him the medal at an exposition, but his daughter did the work of making the thing. She herself is inventive and has patented, among other devices, a stove that can be taken apart and cleaned and put together again by the most ignorant of women.

After she has constructed the bellows of her organ Miss Wedlake proceeds to decorate the pipes. In this department she rises to the artistic. She devises first a scheme of ornamentation suited to the subject. The theme is usually of an ecclesiastical or Biblical nature. Then she lays the figures deftly upon the pipes. Miss Wedlake's accomplishments, however, by no means

stop at bellows making and adjusting and pipe ornamentation. She can take to pieces any organ in the world, clean and repair it and set it up again bit by bit. Then she finishes by tuning it.

There is another department in organ construction which requires the most sensitive touch, ear and nerves that belong to human being. This is the "voicing" of the organ. Here, too, woman has excelled. Some years ago there was in England a family of organ builders named Abbey. A daughter of the house became the most skilled of the race in the family trade. This lady, Miss Abbey, chose France as the field of her labors. She went thither and settled and began building at once organs and a business. So skillful was she that in this particular task of voicing an organ she became the marvel of the Frenchmen who were in the same field.

An expert authority sets forth the following qualifications for the organ maker: "A delicate and sensitive musical ear, physique sufficiently strong to lift the less heavy pipes, some simple, cheap tools and about as much skill in their use as is required in very modest wood carving are the equipment necessary to start with in an organ builder's factory. The most difficult and highly paid branch of this industry is reed voicing, not the reeds of harmoniums, but of real organs. This is tedious to learn and takes years to master thor-MARY EDITH DAY. oughly."

EMPIRE RECEPTION ROOM.

Simplicity is the keynote of success in interior decoration. This is particularly noticeable in those rooms which are used for visitors, in which no household paraphernalia is allowed to be in evidence. Such rooms have an airy effect while they are at the same time cheerful.

In the picture we have an empire reception room which is tastefully dec-



WHITE AND PALE YELLOW BOOM.

The blocks of wood for the bellows ornate ceiling and the woodwork are gether. Pieces of white kid are cut of gilt candelabra shaded with pale

The furniture is mahogany covered

A room of this description could be leathering of the main bellows. In con- easily carried out in some of the inexpensive linen empire cretonnes now in vogue instead of the expensive damask R. DE LA BAUME.

HOUSEHOLD BREVITIES.

Wash matting with soft water and salt only.

A little turpentine takes the grease off old furniture previous to repolish-

To add a dash of black pepper to vanilla ice cream is one of the wrinkles of the cooks.

Cool water with a little borax or ammonia in it is preferable to soap and hot water on white paint.

Clean the clogged sewing machine first with gasoline liberally applied from an ordinary machine oil can, then oil as usual.

St. Mary's College College Preparatory School School of Music

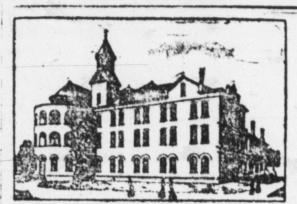
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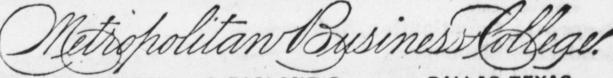
and Southern School of Correspondence, DACUS' BUSINESS COLLEGES 325 Elm St., Dallas, Greenville, Corsicana, Texas, and South McAlister, I. T. Book-keeping or Shorthand taught in 8 weeks or money refunded; \$22.50 each. Penmanship \$10; all \$45. Books included. Special rates on English Branches. Why pay more? Our courses are thorough. Diploma free. Our motto: "Best courses, Shortest time, Least money." Highest indorsements. Attend In Person, or take By Mail. Write either place, and Mention

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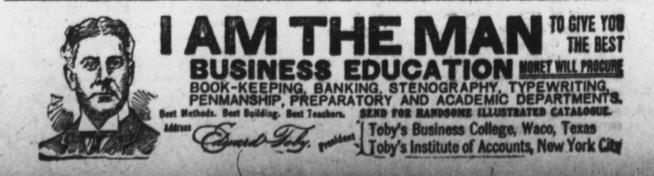
The aim of this School is to combine sound Mental, Moral and Social Training. Pupils may pursue either the Academic or College Preparatory Course, which prepares for any college to which women are admitted. The Diploma from either course admits to the University of Texas. without examination. Tenth Annual Session opens Wed., Sept. 16th 1963. For Manual, Address MRS. CORA B. MULHOLLAND, Principal.



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WARTS ON SHOW CATTLE.

The removal of warts from cattle approach of the fall exhibits:

"and several successful methods were employed in removal of these growths. warts, a Red Poll heifer was selected cultural Society Show in Scotland. on which the warts were so thick that it was impossible to place one's hand on her without coming in contact with different ways on different parts of the animal's body. On her head and shoulders was applied castor oil-well rubafter each application a portion of the wart would scuff off, and in two weeks the warts were entirely cured without acid, applying it with a fountain-pen filler, and soaking the wart up thoroughly after applying grease around the root to keep the acid from eating the flesh. About twelve hours after the operation the warts could be pulled out easily. This was the quicker way, but it caused considerable pain and irritation, and is accompanied by some danger of the acid being dropped mpen the skin and thus causing trou-

THE KIND OF BEEF THAT SELLS. The steer which is the most profitable in the market on the present demand for carcass stuff, says the Provisioner, is the fairly finished beast, 1 bull, 940, \$2.40; 26 cows, av. 696, whose interior is not padded and and \$2.60. W. P. Forrester, Brookin, I. T., whose hide is not cushioned out with fat. The meat of the finished steer is \$2.40. T. M. Barnett, McCurtain, I. T., "food fit for the gods," but the average consumer does not care to render fat or buy a steak which contains a huge filter of suct. He wishes meat, and his 36 cows, av. 815, \$2.70. R. N. Nolan wishes create the market demand for & Co., Holliday, Tex., 23 heifers, av. beef. It is seriously asserted by those 563, \$2.60; 33 calves, \$6.00. R. S. Gowan who ought to know, that the flavored, steers, av. 902, \$3.10. J. L. Cecil, Bellehighly fed beef is not so good as that of vue, Tex., 28 steers, av. 859, \$3.00. Nethe naturally matured and comfortably vil & P., Henrietta, Tex., 29 cows ,av. filled carcass, nor is it as nourishing, 748, \$2.60. J. L. Huggins, Henrietta, there being more stearin than casein or Sansom & Co., Alvarado, Tex., 21 cows, albumen, and more insipidity than av. 889, \$2.80; 17 calves, \$5.50. F. M. flavor in the former than in the latter San som & Bo., Abbott, Tex., 48 steers viand. Let that be as it may, the pres- av. 990, \$4.00. S. H. Teal, Texas, 28 ent grade of good beef sells more read- cows, av. 816, \$2.65. Harrold, East & lly and is more profitable to all con- 230 cows, av. 664, \$2.40. T. J. Smith, cerned than is the meat of the highly Minca, I. T., 24 steers, av. 812, \$3.40; finished prime beef steer. Medium 19 cows, av. 877, \$2.75. O. T. Allen, grade beef is the kind which nature produces on the ranges and flavors Bellevue, Tex., 27 steers, av. 918, \$3.00. with her grasses. The cottonseed meal S. Webb, Bellevue, Tex., 106 steers, av. and the corn man take it at this point 885, \$3.20. R. Hickey, Bellevue, Tex., and sweeten it. The hurried, forced and sweeten it. The hurried, forced Bellevue, Tex., 37 steers, av. 964, \$3.20. growth and fat-stuffing process of the S. F. Cobb, Texas, 26 cows, av. 785, finisher produces a young, sappy flesh, \$2.75. E. C. Leal, Byars, Tex., 42 which is largely devoid of that beefy steers, av. 860, 03.00; 73 cows, av. 725, flavor which the eater of beef desires. \$2.55. Shaillion & D., 12.60. D. H. Wil-The medium finished carcass is not so liams, Tuttle, I. T., 47 steers, av. 952, costly to produce, hence it sells cheaper 78 steers, av. 890, \$3.50. O. Perry, Tutand better in the general market. For tle, I. T., 69 steers, av. 996, \$3.45. W. the special customer and the oleo renderer the fancy prime steer is a neces- cows, av. 802, \$2.60. W. J. Bacon, sity. The great army of meat consum- Colbert, I. T., 25 cows, av. 612, \$2.40; ers seek the other class of animal, and 20 steers, av. 748, \$2.75. J. H. Winters,

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WORLD'S FAIR STOCK NOTES.

Warner M. Van Norden, a prominent intended for the shows has been made stock raiser and financier of New York, a study by Prof. H. M. Cottrell, for- has written to Chief of Live Stock merly of the Kansas agricultural col- Coburn that he will probably make a lege at Manhattan, who is now associ- large entry from his herd of Highland ated with the famous Odebolt farm in cattle at the World's Fair next year. Iowa. Breeders who have exhibited in Mr. Van Norden's cattle are now at the past realize the importance of good his place at Rye, N. Y. With the exappearance in determining the distri- ception of one steer shown at Chicago bution of ribbons. These observations Highland cattle have not been on pubare very timely, in view of the near lic exhibition in America, and the first display of any size of this attractive "We had much trouble with the breed is promised for the World's Fair pure-blood stock, "says Prof. Cottrell, at St. Louis. Mr. Van Norden's herd is headed by a bull whch twice has won In order to experiment on taking off first prize at the Highland and Agri-

Live stock exhibitors in each breed class at the World's Fair will receive several large growths. We tried two a senior champion grize and a junior champion prize for males and females, and a reserve champion award will Indian Territory, 107 steers, 1050, \$3.48; ders was applied castor off—well rub-bed in—twice daily for a week. Shortly follow in the four classes. Competi- Hansley & Brumitt, Addington, 47 bed in—twice daily for a week. Shortly follow in the four classes. Competi- Hansley & Brumitt, after each application a portion of the tion for the senior championships will calves, 137, \$4.10; Hansley & Brumitt, tion for the senior championships will be limited to mature animals, and any pain to the animal in any respect. young males and females only will On the back and hips of the same compete for the junior champion prizes. heifer we used concentrated acetic Prospective exhibitors express themselves as highly pleased with the plan of Chieef Coburn of providing for a more equitable method of awarding championship prizes and thus increasing the number of honors.

SALES AT ST. LOUIS.

Among the sales of quarantine cattle at St. Louis last week the following 31 cows, 786, \$2.65.. J. H. Graham, may be quoted as reflecting the tone Lindsay, I. T., 31 cows, 780, \$2.65. J. H. of the market:

Graham, Lindsay, I. T., 38 cows, 625, of the market:

Shannon & A., Tulsa, I. T., 49 cows, av. 802 pounds, \$2.75; 1 cow, 1280, \$2.75. G. Ellis, Henrietta, Tex., 40 cows, av. 790, \$7.70. M. Pully, Henrietta, Tex., 61 cows, av. 660, \$2.40. C. F. Haglestein, Beggs, I. T., 66 cows, av. 706, 6 calves, \$7.25. Schreiner & Halff, Pearsall, Tex., 46 steers, av. 1100, \$4.00. T. W. Glynn, Indian Territory, 49 steers, av. 1038, \$3.75; 12 steers, av. 930, \$3.30; Bellevue, Tex., 27 steers, av. 854, 27 Tex., 55 cows, av. 889, \$3.00. D. F. Weaver, Alice, Tex., 285 cows, av. 668. McCurtain, I. T., 35 cows, av. 638, 33 cows, av. 648, \$2.50. M. Houston, 16 cows, av. 820, \$2.70. Cole & Hickey, \$2.55. Shannon & B., Henrietta, I. T., L. Derden, Texas, 58 steers, av. 813, \$3.10. Houstn & B., Gonzales, Tex., 26 that is the trade which moves the stuff. Colbert, I. T., 23 cows, av. 802, \$2.60; 26 cows av. 633, \$2.50. Davis Bros., Scullin, I. T., 108 steers, av. 941, 107 steers, av. 919, 55 steers, av. 901, \$3.25. J. D. Orton, Bellevue, Tex., 26 steers, av. 830, \$3.85; 25 cows, av. 758, \$2.85. P. Webb, Bellevue, Karnes City, Tex., 53 steers, av. 877, \$3.35; 52 steers, av. 796, \$3.10. S. Lippencott, Bellevue, Tex., 30 cows, av. 666, \$2.45. F. M. Barnett, McCurtain, I. T., 36 yearlings, av. 428, \$1.75. C. F. Haglestein, Beggs, I. T., 46 cows, av. 572, \$2.30.

SALES AT KANSAS CITY. Some sales in quarantine division at Kansas City last week were as fol-Torpid Liver and Bad Digestion lows: A. Thompson, Elgin, Kans., 17 The natural result is good appetite steers, 1022 pounds average, at \$3.75; and solid flesh. Dose small; elegant- J. T. Carr, Texas, 74 steers, 923, \$3.50; ly sugar coated and easy to swallow. J. Florence, Indian Territory, 74 steers, J. Florence, Indian Territory, 74 steers, 931, \$3.75; J. Florence, Indian Territory, 26 steers, 939, \$3.38; J. Florence, Indian Territory, 28 cows, 770, \$2.66; J. Florence, Indian Territory, 77 calves, 200, \$4.10; B. F. Linsey, Indian Territory, 42 cows, 667, \$2.80; G. O. Walthold, Oklahoma, 31 cows, 837, \$2.70; G. R. Beeler, Indian Territory, 45 cows, 767, \$2.65; C. C. Lee, Elgin, Kans., 52 Kans., 76 cows, 823, \$2.75; C. C. Coates. Elgin, Kans., 198 cows, 636, \$2.90; A. B. Edwards, Texas, 63 calves, 143, \$4.00; Silberstein & Stein, Lawton, Ok., 135 steers, 1298, \$3.80; G. E. Casey, Ballinger, Tex., 123 steers, 1075, \$3.80; C. M. Grant, Wynnewood, I. T., 50 cows, 848, \$2.65; C. M. Grant, Wynnewood, I. T., 10 cows, 760, \$2.65; C. M. Grant. Wynnewood, I. T., 69 calves. 185, \$3.85; E. C. Heath, Ardmore, 40 calves, 170, \$4.25; E. C. Heath, Ardmore, 24 cows, 804, \$2.60; Y. Landrum, Ardmore, 145 cows, 731, \$2.40; B. F.

CAPITAL \$100,000.00

CAPITAL \$100,000.00

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FORT WORTH STOCKYARDS, FORT WORTH, TEXAS. OFFICERS:

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v-----

M. Sansom, C. L. Ware, M. Halff,

Geo. W. Drake, Newoka, I. T., 19 cows,

cows, 903, \$3. A. Johnson, Beruyan,

29 cows, 805, \$2.45. W. H. Eddleman,

Parsons, Tex., 24 steers, 1015, \$3.75. T.

Lachorn, Byers, I. T., 28 steers, 966,

\$3.50. J. A. Felty, Myra, Tex., 26 steers,

926, \$3.25. T. McCorley, Lindsay, I. T.,

\$2.50.. S. S. Walker, Bedrock, Okla., 24

cows, 802, \$2.65. T. McCorley, Lindsay,

I. T., 72 calves, 171, \$4.15. Ben Hamp-

ton, I. T., 20 calves, 180, \$4.25; Ben

John Scharbauer, R. J. Kleberg

Salesmen: M. Sansom, cattle; G. L. Deupree, cattle; A. B. Hamm, hogs. Skip to us at Fort Worth, Chicago, Kansas City, St. Louis or St. Joseph.

No Shipments too large for our Capacity -- None too small for our attention.

Smith, Chickasha, 69 steers, 1040, 938, \$3.25. V. H. Adair, Adair, I. T. \$3.55; J. H. Warrin, Chickasha, 53 25 cows, 758, \$2.25; V. R. Adair, Adair, steers, 573, \$3.25; J. H. Warrin, Chick- I. T., 8 calves, 211, \$4. asha, 22 steers, 1000, \$3.25; Burton, AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS. The Technological College of Texas. 97 cows, 676, \$2.75; Hansley & Brumitt, Tuition free. Necessary college expenses \$150.00 a session. Labor fund for needy Addington, 46 steers, 956, \$3.20. Ed F. students. Minimum age of admission 16. Mann, Chickasha, 83 cows, 7466, \$2.50.

examination if capable. Large additions to equipment. Military training.

AGRICULTURAL DEPARTMENT 777, \$2.40. M. Burdens, Scullin, I. T., 22 cows, 816, \$2.30. M. L. Trout, Scullin, I. T., 59 cows, 813, \$2.45.. L. Math-Lectures, laboratory and experimental work in agriculture, horticulture, animal ews, Scullin, I. T., 16 cows, 720, \$2.25. husbandry, dairying, veterinary science, M. Karrar, Buris, I. T., 27 steers, 927, agricultural chemistry and economic en-\$2.25. M. S. Koch, Buris, I. T., 29

Applicants 18 or more may enter without

ENGINEERING DEPARTMENT. Courses in civil, railroad, mechanical, electrical and sanitary engineering and architecture. Manual training for teach-

TEXTILE SCHOOL. Four years course in textile engineer-ng. Students received next session.

GENERAL SUBJECTS.
Thorough training in English, History, Economics, Mathematics, German, Span-ish, French, Physics, Botany, Chemistry, and Geology. Technical courses required of all students.. For catalogues address J. A. BAKER, Secretary. College Station. DAVID F. HOUSTON, LL. D., President. Hampton, I. T., 44 calves, 291, \$2.75. tion.

L. V. Kayser, Spire, I. T., 56 steers,

Carr-Burdette Student.

Carr-Burdette College • •

Conservatory of Music, Art and Elocution.

Founded and donated by a stockman's daughter fo. the education of Southern Girls. Justly named by competent Northern critics "the Petit Wellesley of the South." Limited to 80 boarders, Music and Art teachers educated in Germany and France. Elocution teacher, specialist, from the best schools of Oratory. Literary teachers graduates of first-class colleges and universities and two studied six years abroad. In location, building, home furnishings, department equipments and faculty. Carr-Burdette is the peer of any boarding school for girls, North or South. We invite rigid inspection. Popular, because Number of rooms already taken. Apply at For brochures containing 53 photo-engravings of interior and exterior of College and for other in-

MRS. O. A. CARR, President,

Department H, Sherman, Texas.

JARVIS COLLEGE.

strictly nonsectarian. Cost of board, room, fuel, light and tuition as low as \$125, per year. Surroundings most attractive and healthful. Location in Hood County, three miles from Granbury and forty from Fort Worth. No whiskey, no saloon, or attendant evils. The faculty consists of scholarly gentlemen and ladies from the best colleges, universities and conservatories. Courses offered: Classical, Scientific. Literary. Preparatory. Normal. Music. Oratory. Art, Bookkeeping. Shorthand and Industrial. Buildings thoroughly repaired. Girls have a home with the president. For catalogue and full information address the president. T. R. DUNLAP. Thorp Springs, Texas.

THE POLYTECHNIC COLLEGE of Fort Worth, Texas.

is a progressive high-grade school for both sexes. It offers many superior advantages. Its location is unrivaled, being high and healthful, and in close street car connection with the leading railroad centre of Texas. Its faculty is composed of 13 competent and experienced teachers. In addition to the regular literary course the best instruction is offered in the schools of Commerce. Music. Art. Oratory and Physical Culture. The military company will be drilled by a commissioned officer from the T. V. G. Proper emphasis will be given to wholesome atheletics. the young ladies will be under the immediate care of the president and his wife. assisted by a competent matron. The co-operative boarding club under the care of Prof. J. F. Sigler, furnishes board at actual cost—about \$8:00 per mo. Motto: thorough instruction under best influences at least cost. For catalog address H. A. BJAZ, M. A., President, Fort Worth, Texas. Station A.



Farmers and Mechanics National Bank

FORT WORTH, TEXAS.

CAPITAL AND PROFITS OFFICERS AND DIRECTORS: W. SPENCER, President.

BEN O. SMITH, Cashier. G. H. HOXIE CORRESPONDENCE SOLICITED.

FT. WORTH, TEXAS

DRS. FRANK MULLINS AND W. C. MULLINS, PRACTICE LIMITED TO DISEASES OF THE

..EYE, EAR, NOSE AND THROAT..

OFFICE: 600 Main St., Scott-Harold Bldg.

FORT WORTH.

The receipts of live stock on the The receipts of live stock on the opening day at the Fort Worth Stock Yards this week were 2000 cattle, 696 hogs and 253 sheep. Prices paid were as follows: Market prices paid today: Steers \$3.85@1.50, cows \$2.35@1.50, bulk selling around \$2.00; calves \$3.00@2.50, bulk selling for \$2.50; bulls and stags \$3.00@1.75, bulk selling around \$2.00; hogs \$5.90@5.04, bulk selling for \$5.80@5.85; sheep \$2.85.

Fort Worth, Tex., July 11, 1903. To The Journal:

The receipts of cattle for the week were 9067 head, as compared with 9566 head last week. The market opened Monday steady to strong with last week's close. On Tuesday, with 3131 head on the market, which was the heaviest run of any day in the week, there was a 10c to 15c decline and the market continued to decline until Thursday, when we had a steady mar-let, which has continued steady until the close of the week. We quote choice fed steers at \$3.50 to \$3.75; choice fed ws \$2.35 to \$2.E5; bulls, stags and en \$1.75 to \$2.75; choice veal calves 25 to \$3.75. We would advise the oper to hold big common calves, k cattle of any kind, thin yearland thin bulls at home, as the of such stuff on this market would dy market next week, under mod-te receipts, and if you have anyig ready to come to market we think for much improvement in the market

Hog receipts for the week were 1751 head, there being 1034 head on the market last week. Notwithstanding the light receipts, our market declined 10c to 20c per 100 lbs from the opening of the week up to Thursday, but since that day we have been able to gain 5c to 10c of this loss back, which makes our market 10c lower than at the close of last week. We are able to get 10c to 20c above Kansas City prices on hogs. Our best hogs are bringing from \$5.65 to \$5.80; medium hogs \$5.50 to

Sheep receipts for the week were To The Journal: 1701 head. We have been able to sell our sheep here this week at good strong have been light. Prices have been prices. Our best 80 lb to 90 lb sheep are selling at from \$3.75 to \$3.85; lighter dications we anticipate no decline in values for good stock \$3.50.

FORT WORTH LIVE STOCK COM-MISSION COMPANY.

KANSAS CITY.

receipts 4500 native and 1550 Texans; \$3.50@3.75; common to fair, \$2.75@3.25. cales, 310 natives and 500 Texans; m: et 10@15c lower. Choice export and dressed beef steers \$4.60@5.20. ry steers \$2.65@3.75, Texas cows \$2.30

JULY 28-29, 1903.

One of the Most Valuable Breeding Herds in America of

HEREFORD CATTLE

On Account of the Sale of LINWOOD FARM,

Made necessary by the ill health of its owner, Mr. Geo. H. Adams. I have been instructed by Mr. Adams to Catalogue and sell his entire Linwood herd of pure bred Herefords, consist-

21 Bulls, including the Celebrated Orpheus, Orpheus 2nd, and Abercrombie.

103 Cows and Heifers

(Over 30 of which have calves by their sides) which were selected from best herds of the

Hereford cows in calf or with calves, 200 High unregistered Pure Bred Yearling Hereford Heifers, 25 Beef Cows. The sale will be held

Linwood Farm.

Linwood, Kansas.

Por Full Particulars and Catalogue Address T. F. B. SOTHAM,

Chillicothe, Mo.

STOCK COMMISSION CO.

The Oldest Commission Company on this Market.

Salesmen: W. D. DAVIS, Cattle. L. RUNNELS, Hogs.

References: FORT WORTH BANKS.

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

We are in the market for all conservative Feed Lot or Steer Loans offered. We hold the record of handling the largest volume of business on this market. We hold the record of selling the highest priced car of steers, the highest priced car of cows and the highest priced car of hogs that ever went over the scales of

Market Reports Free on Application.

receipts 3800; market weak, 15c lower. Heavy \$5.25@5.30, light \$5.17½@5.25, pigs \$5.35@5.421/8. Sheep, receipts 500; steady. Native lambs \$3.00@6.30, Western lambs \$3.00@6.15, fed ewes \$3.00@4.90, Texas clipped yearlings \$3.25@5.05, Texas clipped sheep \$2.50@ 5.00, stockers and feeders \$3.00@3.50.

DIRECTORS

GEO. E. COWDEN.

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GEO. T. REYNOLDS.

V. S. WARDLAW.

CHICAGO.

Chicago, Ill., July 13.-Cattle, receipts 23,000; strong. Texans \$4.00, good to prime steers \$5.00@5.50, poor to w would be about as good a time medium \$4.00@4.90, stockers and feed-any to let it come, as we don't look ers \$2.50@4.50, cows \$1.50@4.25, heif-r much improvement in the market ers \$2.25@5.00, canners \$1.50@2.75, bon. Texas fed steers \$3.35@4.75. Hogs, receipts 52,000; market 20@30c lower. Good to choice heavy \$5.25@5.35, light \$5.40@5.75, bulk \$5.30@5.45. Sheep, receipts 15,000; strong. Good to choice wethers \$3.75@4.00, fair to choice mixed \$3.00@3.50, Western sheep and yearlings \$2.50@4.50, native lambs \$3.00@6.50.

GALVESTON

(Reported by The A. P. Norman Live Stock Company.) Galveston, Tex., July 11. 1903.

values for good stock. Quotations: Beeves, good to choice, \$2.75@3.00; common to fair, \$2.25@2.50. Cows, good to choice, \$2.50@2.75; common to fair, \$2.00@2.25. Yearlings, good to choice, \$2.75@3.00; common to Kansas City, Mo., July 13 .- Cattle, fair, \$2.25@2.50. Calves, good to choice,

SOME OF THE EXHIBITS.

As usual, there were a number of f ir to good \$3.75@4.65, stockers and agricultural and live stock exhibits at feeders \$2.50@3.50, Western steers the college and they were superior to \$3.50@4.75, Texas and Indian Territo- those shown for several years past, owing to the better conditions which @3.00, native cows \$2.25@4.10, native have prevailed this season. Up to this heifers \$2.75@4.20, canners \$1.25@2.30, time Williamson county has had things bulls \$1.80@3.25, calves \$2.50. Hogs, pretty much its own way, but Brazos county, in which the college is situated. finally captured the ribbon, awarded Tuesday and Wednesday, by a committee composed of T. C. Nye. W. M. Kerr and E. L. Cox, through the exhibit of grains, grasses and Irish potatoes from down Georgetown way was especially praised.

The Brazos county display was fa-verably located in the agricultural building and included egg plants, cucumbers, pickles, pears, radishes, peas, beans, tomatoes, potatoes (Irish and sweet), rape, cotton, ribbon cane, syrup from ribbon cane, sugar, mangel wurzel, lettuce, watermelons, cantalopes, artichokes, asparagus, cabbage, collards, parsley, carrots, rye, wheat, oats. corn, buckwheat, milo maize, rice, tobacco, several grasses, alfalfa, onions, strawberres, peppers, beets, radishes, cherries, plums, peaches and possibly some other fruit products, showing the extent to which diversification is practiced on the rich, alluvial soil. Williamson showed up wheat, rye, oats, barley, several varieties of each of these crops, twelve different kinds of baled feed, twenty varieties of corn; a seed collection including 232 kinds of seed, all of which were grown in Williamson county; several varieties of millet, oranges, rice, flax, onlons, okra, tomatoes, potatoes, beans, cabbages, squashes, bests, turnips, peppers, peaches galore, both musk and waterdifferent varieties of wine on exhibition. At San Antonio Fair last fall he had fourteen different varieties on ex-Adams will sell 30 Pure Bred unregistered Dallas he has captured first prize twice. The experimental grass garden prov-

Grade Hereford Cows 31-32 blood or better, in ed of much interest. Experiments calf or with calves at side, 30 High Grade and were there carried on with several different varieties of cotton, corn, sorghum, milo maize, field peas, clovers and alfalfa. Many compliments were passed upon the excellent tilth in which these experimental plats are kept, as well as the other farm grounds.

The college had on exhibition a fine collection of agricultural implements, and Dr. W. E. Hall of Hillsboro showed some superior samples of Texas grown

A. B. Knight of Teneha, Shelby county, showed some very fine tomatoes A. Schattenburg of Boerne, Ken-

dall county, Texas, had an excellent exhibit of pears and apples.

The horticultural department of the Agricultural and Mechanical College had an exhibit of thirty-seven varieties of tomatoes, three varieties of pepper, dill, cabbage, egg plant and parsnips. E. W. Kirgpatrick of McKinney, pre-

sented an excellent bunch of oats, a little over six feet in height.

Several enterprising farmers of Ellis county had an exhibit under the direction of G. A. Hogan of Ennis, consisting of pears, plums, peaches, tomatoes, cantaloupes, onions, okra, figs, grapes, mangel wurzels, cucumbers, cabbage, apples and pears.

An inspection of the dairy barns impressed the visitors with the neatness and order in which everything is kept. Those visitors who are not closely identified with the live stock interests were very much surprised when they were told that the calves never have the privilege of sucking their mothers, but when a few days old are taken from their dams and raised by hand. By removing the calves from their dams when very young a great saving is effected. An experiment carried on at one of the stations very clearly demonstrates this fact. The cost of raising the suckling calves until five months old, as based on the butter fat produced by the cows in the other lot, was \$70.80, or .086 per pound, and they averaged 347 pounds. The cost of raising the other calves on skim milk for the same length of time was \$20.53, or .028 per pound, and they averaged 33 pounds. Counting the value of the calves and the milk produced by their dams as receipts and the cost of feed as expense, the skim milk calves

netted \$50.27 more than the other. A record of each cow is kept daily, and in this way it is an easy matter to tell exactly which cows are remunerative and which ones are not paying for their feed. Those which are not

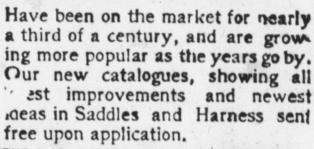
found profitable are sold. Prof. E. J. Kyle, professor of horticulture, stated that he had just established an irrigated garden some threequarters of a mile from the college. On this garden Mr. Kyle will carry on experiments with all of the truck crops. He will compare crops grown on this gram, Kansas City, Mo., for admission garden under irrigation with those on blank and illustrated circular showing the college grounds not receiving irrigation. Mr. Kyle reports a clear profit of \$34.66 off of an eighth of an acre of cabbage and cauliflower in the garden, contest does not close until Sept. 5, cultivated by student labor. He expended \$1 for fertilizer, in the form of nitrate of soda.

Spring experiments with cabbage have given good results, but it proved too hot for cauliflower. Experiments melons. W. B. Wright, an expert wine with egg plants have also proved a sucmaker of Palestine, Tex., had some ten cess. Mr. Klye is now carrying on an experiment with forty-one varieties of tomatoes. Kohl rabbi, an entirely new plant to this section, has given good re-In addition to the registered Herefords, Mr. hibition, and won first prize, and at sults. Likewise experiments with mustard, dill, Brussells sprouts, collards, rouett and a few other truck crops have given satisfactory results. Howell Brothers of Bryan had an excellent exhibit of Red Polled cattle, which are becoming very popular in that portion of the state.

A NEW PIANO CONTEST.

The official market report paper of Kanyas City, the Daily Telegram, is conducting a vote contest, which is open to both ladies and gentlemen. The prizes offered are six in number. The first is a \$475 plane. The other five prizes are proportinoately valuable.

The GALLUP SADDLES



THE S. C. CALLUP SADELERY COMPANY PUEBLO, COLORADO.

PURVEYORS of UPLIC LEASURE # # #

Houston & Texas Central Railway

Places for Recreation Health and Pleasure.

Kingsland, Llano Lampasas, Marlin and Wooten Wells

SUMMER RATES

In Effect Beginning OO JUNE 1st. OO

Try Them

WRITE for ILLUSTRATED BOOKLET.

M. L. ROBBINS, G. P. Agt. WM. DOHERTY, Act's A. G. P. Ast. Houston, Texas.

Any lady of gentleman can try for one of the six prizes without a dollar of expense to themselves by writing the Contest Editor, Daily Drovers' Teleprizes, rules, etc. As there are only five candidac; s entered so far, and 1903, the readers of this paper should have an excellent opportunity of winning one of the prizes.

0000000000000000

One of the most valuable Hereford breeding herds in America will be disposed of at auction July 28 and 20, owing to the sale of the famous Linwood Stock farm, made necessary by the health of its owner, Mr. George H. Adams. This herd has for several years been under the management of George F. Morgan, perhaps the greatest Hereford breeder and importer now living. It consists of 21 booded bulls and 103 cows and heifers-all splendid individuals, which can be recommended without reserve to discriminating buyers. For particulars and catalogue address T. F. B. Sotham, Sale Manager, Chillicothe, Mo.

ATTENTION, JOU RNAL READERS!

Do Not Delay in Forwarding Your Es timates of the Attendance at the Texas State Fair in Dallas-Remem ber That the Early Guessers Possess a Disti nct Advantage.

ing no time in forwarding to the of- for the most correct estimate received realize, and rightly so, that it should the best on the market-made by the not be a difficult matter for a person White-Blakeslee Manufacturing comof average mathematical ability to get nany of Birmingham, Ala. The mani- farm, six miles northeast of Fort pretty close to the actual attendance, fold uses of "power" on the farm or Worth. He sowed fourteen bushels of in view of the figures which the Jour- ranch are so numerous that comment the Tennessee winter variety on fifnal has presented to its readers from is unnecessary. time to time, coupled with the estimate The second correct guess received, or erage of eighty-two bushels to the of Capt. Sydney Smith, the general the one next nearest to the actual at- acre. manager, and other officials of the ex- tendance, will secure a \$60 scholarship position. It should be borne continu- for a young man in the Fort Worth ously in mind that the FIRST correct business college; the third, a \$60 schol- of the Taylor Fair was held last week guess will secure the most valuable arship for a young lady in the Landon under favorable conditions. Owing to premium, hence those who do not delay Conservatory of Music at Dallas; the in filling out the blanks below and third, fourth and fifth, round-trip ticksending them in, accompanied by suf- ets to St. Louis during the great Lou- very complete and creditable, Williamficient cash to pay for renewals or new isiana Purchase Exposition; the sixth subscriptions, will stand relatively the to tenth, Journal sewing machines, best chances of securing the valuable noted for their beauty, durability and premiums, which will positively be dis- light running qualities. The five next and third days. The fair closed with a tributed among the lucky ones as soon in order will each receive a fifty-six- sham battle by visiting militia comafter the State Fair is over as the of- piece decorated china tea set, while panies. ficial totals can be obtained. Every ten Stevens rifles-light, safe and handperson sending \$1 for a new subscrip- some-will be distributed among those tion or renewal is entitled to FOUR whose estimates follow in order of real estate in Texas have come to be GUESSES. Every dollar paid by sub- correctness. The next ten awards will of almost daily occurrence , the sale of northern part of the state is shown by scribers who are in arrears will entibe watches valued at \$5 each, with a tract containing 10,000 acres of land the figures of an elction in Matagorda tle the sender to FOUR GUESSES for guaranteed movements and dust proof zation of a company backed by \$300,- or not there should be a bond issue of each dollar paid, provided a sum is cases. To 500 others whose estimates 000, is worthy of note. The sale of the \$60,000 to defray the expenses of prosent large enough to cover the entire are "within range" the Journal will be land has been made and the enlisting of posed highway and bridge improveindebtedness and extend the subscription one year from date of remittance. Should no absolutely correct estimate be sent, the nearest to it FIRST RE-CEIVED will secure the \$500 piano. Thus, it will be seen, that by the rules of the gift distribution, as formulated several weeks ago, and which will be strictly adhered to, friends of the Journal who act without delay will enjoy a distinct advantage over those who keep putting off action until the morrow. There is no time like the present. It can now be put down as a certainty that Texas will enjoy GOOD CROPS and PROSPERITY this fall. All danger from drouth is now over, and nothing short of an earthquake or a cyclone can keep the farmers and stockmen of the state from carrying fat pocketbooks. Inasmuch as history has never recorded a volcanic eruption in this part of the country, and for the reason that the damages resulting from storms are usually of a local character, it can be seen that the fair attendance is quite certain to be ABOVE, rather than BELOW, the average.

Now, read these figures over carefully. They are certain to convey to the reader a comprehensive understanding of what HAS BEEN in the past, and what is QUITE CERTAIN to occur in the future. Study them closely, then send in four intelligent guesses, accompanied by any amount due the Journal, or a renewal, which will be promptly credited:

In 1858, 16 days' Fair, total attendance 188,080, an average of 11,755

In 1899, 21 days' Fair, total attendance, 274,416, an average of 13,067 daily.

In 1900, 16 days' Fair, total attendance, 279,592, an average of 14,034 daily. In 1901, 16 days' Fair, total attendance 224,540, an average of 14,034 daily. In 1902, 16 days' Fair, total attendance 157.884, an average of 9,240 daily.

1900, you will note, was our big crop year, 10-cent cotton and a big attendonce: 1902 you will note small attendance-drouth and poor crops.

It figures a daily average for the past five (5) years of 13,168, and 16 days' Fair would make an attendance of 16 times 13,168, which equals 210,688. It looks easy, doesn't it? As a mat-

ter of fact, the problem is by no means a difficult one, as the procrastinators may discover when it is too late.

There is not a gift offered in the Journal's unparalleled distribution, which any farmer, stockman or housewife should not feel proud to own. The plano, made and guaranteed by the popular Jesse French Piano and Organ company of Dallas, is a superb instrument, both in tone and finish-one which would grace the drawing room of a mansion. The regular price of this piano is \$500, and sales are made at that figure every day. Just think of it! FIVE HUNDRED DOLLARS. which will be easily earned by some one. WHY NOT YOU?

Failing to win the piano, the esti-

Acting on the theory that the early mator still stands an excellent chance bird is most likely to capture the to secure the suberb \$100 charter Oak worm, the shrewd ones have been los- steel range, offered as a special gift fice of the Journal their best estimates in July. For August the special gift as to the total attendance at the Tex- for best correct or nearest estimate as State Fair in Dallas next fall. They will be a \$250 gasoline engine-one of

> already subscribers, will have their acodical in the Southwest?

them in at once to the Stock and Farm resentative, Mr. W. H. Spang of Terre been unanimous.

My guesses	are:	
1		
2		
3		
4		
Name		
Town		
State		

OATS IN TARRANT COUNTY.

A record for growing oats in Terrant county has been made by J. B. Doty, superintendent of the Alta Vista teen acres of land, and has just threshed 1234 bushels as the net crop, an av-

FAIR AT TAYLOR.

The twenty-second annual exhibition the rainy weather of two weeks ago a postponement had been necessary. This year the live stock exhibits were son county breeders vying with each other in their efforts to make a representative display. Horse races were among the attractions on the second

RICE CANAL ENTERPRISE.

Although sales of immense tracts of been made,

counts extended. Was such a liberal under the name, "Southern Rice Plan- more than 3 to 1. Fill out the attached bank and send ough investigation through their rep- cincts the vote would probably have

Journal Company's office at Fort Haute, Ind., and concluded that the op-Worth, Tex., if you wish to partici- portunities offered for rice investments are sufficiently inviting to cause them to go this distance from home to place their money.

The organizers of the company are among the strong business men of Indiana, and the Texas parties interested in the development of this enterprise are W. C Moore & Co. of Houston, which firm is placing the 10,000 acres to the Indiana organization.

POULTRY ASSOCIATION.

The poultry fanciers of Tom Green county met in San Angelo recently and organized a poultry raisers' association with a membership of thirty-five. J. B. Taylor was elected president, J. C. Skaggs vice president and F. E. Allen secretary.

A committee composed of W. T. Bishop, Silas Keeton and F. Blanchard was appointed to draft rules and regu-

lations. The name adopted for the association is the Tom Green County Poultry Association. The next meeting will be held on July 20, which time the mem-

bership will likely be augmented. There will be a meeting of the Blum Poultry association on the 25th of this month at Blum, Tex., when the follow-

ing subjects will be discussed: 'My favorite breed and why," "My experience in raising little chicks," "The value of the thoroughbred on the farm," "The Leghorn as an all purpose fowl," and "Pests and their ex-

termination." A two days' poultry show is being planned and will be held in November

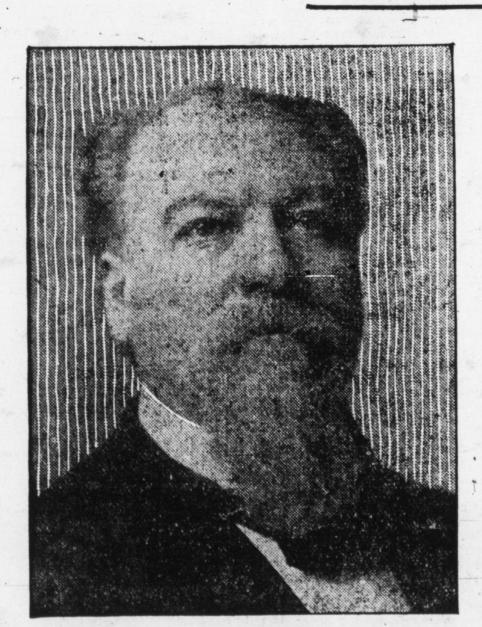
GOOD ROADS ARE POPULAR.

That the good roads movement is as popular in South Texas as in the sent for one year, or those that are the funds to back the company has ments. There were 264 votes cast in favor of the proposition and only 81 The new company will be chartered against it-a majority of considerably

offer ever heretofore made by a peri- tation company." The stockholders of But for the failure of the commisthis company are composed largely of sioners' court to apportion the pro-Indiana people, who have made thor- ceeds of these bonds to the several pre-

DISCASES

That Destroy Manhood.



J. H. TERRILL, M. D., Master Specialist in Diseases of Men.

Persons coming to Dallas for medical treatment are respectfully requested to interview the bank officials and other leading business men in reforence to the best and most reliable specialist in the city.

In announcing myself as a physician of merit, with a reputation as a competient, reliable and trustworthy specialist, I am not endeavoring to gain the confidence of unfortunate men for the purpose of dishonestly getting their money, but I am publishing the facts for the benefit of those who want to be cured and are willing to employ the services of a physician who can give you more than value received for his services. I do not ask any man to deal with me until he has satisfied himself that I can do all that I claim. My diplomas from the leading medical institutions bespeak my qualifications. My financial standing is vouched for by the banks and leading business firms in Dallas. My past record has been one of success. My modern methods are every day proving that they are positively the safest, quickest and most reliable that have ever been practiced for curing

Blood Poison, Stricture, Varicocele, Nervous Decline, Lost Vitality, Weakness, Hydrocele, and all Diseases of the Kidneys, Bladder and Prostate Gland.

NEW BOOK ON DISEASES OF MEN ONLY, FREE; also Work on Chronic Diseases.

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