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NO. 37.

WILL BE DONE OVER AGAIN

hary in the Luetgert Case Fail to Agree and Are Discharged.

WERE OUT SIXTY-EIGHT HOURS

Nine Were For Breaking the Sausage-Makers' Neck, While Three Maintained That He Was Innocent.

out sixty-eight hours. When it became awaiting their entrance. Luetgert was brought in from his cell, and walked road, he will be released, or his senalong in a dazed condition, and fell tence will be very light. tupudly into a chair beside his coun-

look upon the defendant; defendant Roberts and Jesse Langston. look upon the jurors, have you agreed?" Foreman Thosmer replied, "we can-not agree." Luetgert swayed and suddealy fell back into his seat.

There were unmistakeable evidences that the crowd present did not like the for order.

Sketch of the Crime for Which Luctgert Has Meen on Trial. The crime charged against Adolph Luctgert was full of mystery, and this led to the summoning of a large number of witnesses in the case, as a result of which the trial has lasted eight Bradstreet Says Eastern Cities Re

On the night of May 1, 1897, Mrs. Luetgert disappeared. Her relatives husband confirmed these suspicions. case, and Inspector Shank, who took

"The case made out by the pros- States is practically at a standstill. ecution at the trial was wholly circumstantial. Witnesses were callcasions he had threatened to kill her. his sausage factory about 10 o'clock on any preceding period this year and at

the night of her disappearance. get rid of him.

the factory with the steam turned on all | week." night, which was not necessitated by his ordinary work at that time. The defense undertook to prove the following points:

First-That Luctgert had treated his wife kindly and had not threatened her. Second-That she was not at the factory on the night of the alleged murder. Third-That Luetgert's presence in the factory that night was for the purit for an expected purchaser.

days later at Kencsha, Wis.

tions and afterward lost it. Born in | Miss.; 13 at Scranton, Miss.; 1 at Pas-Germany, he came to this country pen- | cagoula. niless, but soon mounted the ladder of success until he was rich. Then, his friendssay, an Englishman, who was a plausible talker, came along and offervarious pretenses and finally disappeared, leaving no trace behind. From that time Luetgert's star seemed to wane, and a few weeks before his wife disappeared he failed in business.

man was Louise Bicknese. She was a the Old Bay Line, are for the purpose The maiden name of the missing wo-

make it \$15,000. Luetgert has made a and very much surprised that the jury I did not kill my wife and do not know where she is, but I am sure that it is only a question of time wife that it is only a question of time until she comes | \$3.15. This will give an idea of the importance of the reduction.

Spain's Turn Now.

London, - (By Cable). - The Madrid correspondent of the Daily Mail says Senor de Lome, the Spanish minister at Washington, has been instructed to national law,

Island Nearly Devastated. Levte, one of the Philippine Islands, has been almost devastated by a eyclone. Many were killed

MERCHANT THIEVES.

Some Sent to the Penitentiary, Others Fined and Sentenced to the Chain-Gang.

ease on record in the South came to an and last week at Dalton, Ga., in the Superior Court, Judge Alonzo Fite presiding. During the past three weeks eighteen robbers, charged with systematically looting cars on the Southern Railway, extending over a period of five years, have been tried and found guilty. The ringleader, Walter Bohannon, was convicted in five cases, and was sentenced by the court to ten years in the Chicago. — (Special). —The Luetgert penitentiary. His gang, Tom Kinne-pary failed to agree. They stood nine man, Ben Bearce, Sam Painter, Lute white, Bill Long and Ed Morris, the the lave been discharged after being latter colored, received sentences from three years to one year. Jim Harris, known that the jury was coming in, the member of the gang who turned crowds about the court he e became away, was not sentenced, and it is denser. Judge Tuthill was in his seat probable that under the recommendation of the superintendent of the rail-

The merchants convicted of receiving It is face was a bluish white, his stolen goods from the robbers are as eyes were sunken and his lips were follows, all prominent in business and The jurors walked in single file, and morth the purious their faces. Luetgert faced the large area to the large area to

The court sentenced all these merchants to pay fines ranging according ing to their ability to pay, from \$1,000 down to \$25, and one year on the chaingang, the latter sentenced to be suspended on payment of the fines and cutcome. Confusion reigned for a few costs. On account of the robberies, of moments and then the bailiff rapped which these suits were the result, the damages to consignors amounting to \$50,000 during the five years tho gang were making their depredations.

THE BUSINESS WORLD,

port a Falling off in Collections. Bradstreet's weekly commercial repert for the past week, says in part: became suspicious, and it was alleged "While the general trade movement is somewhat irregular and there are The police began to investigate the further evidences of falling off in demand, the volume of business concharge of it, soon evolved a startling tinues of large proportions. Speculation in wool has ceased, and demand This theory was that Luetgert had for the staple is less than for weeks murdered his wife and destroyed her past. Cotton goods are dull on the body by dissolving it in caustic potash | weakness of raw cotton, and jobbers in one of the vats at his sausage factory. report dry goods lower than a A pinkish substances was found in the week ago. Interior merchants in the vat and was said to be the residue from | central West have not distributed fall the body. The police also said they stocks as promptly as expected and found two rings and some bits of bone many jobbers at Western centers find in the vat. The rings, according to that they over-estimated the consumpwitnesses for the prosecution, were tive demand when securing fall goods Mrs. Luetgert's and the bones, it was Unseasonably warm weather has intertestified by experts, were those of a fered with the movement of heavy goods woman. On the other hand, witnesses at the West, but rains in Kansas, Oklafor the detense said the rings were not | homa and Nebraska have improved the Mrs. Luetgert's, and some of the ex- agricultural outlook. Relatively agreat perts stated that the bones were not activity in the trade is reported by Kanthose of a human being. In a pile of sas City and Omaha merchants. While refuse in the factory yard were found quarantine regulations have been raised other pieces of bone which were said in Texas and modified in Louisiana, to have been part of a woman's body. | business throughout most of the Gulf

"Almost all the larger Eastern cities report a decreased movement of mered to prove the following allegations: | chandise, and a tendency of collections First-That Luetgert and his wife to fall away, notably Baltimore, owing lived unhappily, and that on several oc. to its Southern connections. The industrial situation continues to furnish Second-That she was seen to enter employment to as many persons as at

higher wages. Third-That Luetgert had gotten up "There are 205 business failures reportsteam in one of the vats and had sent ed throughout the United States this the factory watchman, Frank Bialk, on | week, against 196 last week. There are several errands to a drug store so as to 27 business failures reported from the Dominion of Canada this week, a total Fourth-That Luetgert remained in considerably smaller than that of last | the end came. He was at his home

> THE YELLOW FEVER SITUATION People Leaving Alabama by the Train

Load for Other Points. Up to the 23d at New Orleans there were forty-nine new cases and seven deaths; total cases to date 1,123; total deaths 124; recovered 565; under treatpose of making soap to give the place | ment 434. At Montgomery, Ala , foura general cleaning in order to prepare | teen cases and three deaths. Only one case at Memphis, Tenn. Six new cases Fourth-That Mrs. Luetgert was not | at Mobile, Ala., Dr. Gurteras has found killed on the night of May 1, but was seven cases of fever in Selma, Ala. The seen by a number of persons several disease, it is believed, has been here for a month. There is a general stampede | sia, says that a petroleum spring at Ro-The motive of the crime, as alleged from the town and special trains will by the prosecution, was Luetgert's de- leave for Rome and Atlanta. Surgeon sire to marry his pretty servant girl, General Wyman's reports from yellow Mary Siemmering. The defense de- fever districts show 20 new cases and 1 nied that Luetgert had ever made love | death at Edwards, Miss. ; 5 new cases at | a convict farm near Raymond, Miss.; 6 Luertgert was once the leading sau- new cases at Nitta Yuma, Miss.; 1 case Fage manufacturer of Chicago. He made at Cayuaga, Miss.; 2 at Clinton, Miss.; a great deal of money by his own exer- 7 at Bay St. Louis, Miss. ; 5 at McHenry,

Adopts the Differential Rates.

The Baltimore Steam Packet Comed to buy the factory. He contrived to pany on October 25th, adopted the difget about \$25,000 out of Luetgert by ferential rates, which have been announced by the Seaboard Air Line between Northern and Southern points. Its rates are considerably lower than those maintained at present, and according to the statement of an official of servant in a Chicago family when Luet of equalizing to a certain extent the gert married her. board Air Line is compelled at present made, and the judge will be asked to to operate its express trains. The ac. can Federation of Labor, to be held at Bay Line is similar to that of trunk Representatives, on Monday morning, part: "To the Public—The result of lines between New York and the West, December 13th next. The session is to my trial, is a victory for me because of the disagreement of the jury, but I am very much disappointed ferential rate the fare from Baltimore to Atlanta, by way of the Seaboard and Old Bay Line, is reduced to \$7.70; to

Typhoid Fever Rages.

Typhoid fever is still raging to an alarming extent at the Eastern Kentucky Lunatic Asylum. Dr. Mansfield, a life of Senator B. R. Tillman, of third assistant physician, has been sent | South Carolina. A true life of Tilman henceforth filibustering expeditions to his home in Powell county, suffering be is certainly one of the most unique powerly been remarkly been will be regarded as breaches of inter- from the disease, and some three or characters on the political stage at this four patients have died during the past time. month. The sewerage at the institution is bad, and the existence of the disease is accredited to this.

The most remarkable car robbery Virginia Confederate Veterans Recommend Certain Histories.

BITTER IN DENUNCIATION.

Board of Education Will Make Contracts for the Histories to be Used | in Public Schools.

The Grand Camp of Virginia Confederate Veterans met in Richmond, Va. The history committee met just before the Veterans, and after a long discussion of the question of school histories, the following was adopted:

Resolved, That only such histories as fairly present the principles and facts upon which is grounded ou! American republic be used. In this spirit we would recommend as Virginia histories, those by Mrs. Mary Tucker McGill and General D. H. Maury; and as histories of the United States, those of Mrs. Susan Pendleton Lee, Rev. J. William Jones, Shinn, Hansel series and Holmes, Further, we would suggest for its moral and patriotic influence as auxiliary reading, the admirable life of Gen. Robert E. Lee, by Mrs. Mary Williamson. In our opinion, it might be adopted-such is its clearness and verbal simplicityas a current reader. We desire, also to express our admiration of the recent ut-Southern Railway seems to have paid terance of the grand commander of the John Cussons, in his arraignment of at large, against 86 in 1896, and 89 the South in his "Glance at Current" in '95.

A mass meeting of citizens and educa-tors was held in Lee Camp Hall to exchange views on the school history matter. Next March, the board of education will make contracts for the histories to be used in the public schools of the State for the next four years. Dr. Hunter McGuire presided and addresses ation; later serious drought, rust, scabs. do on grade 90% to 96. were made by him, Col. John Cussons Rev. J. Wm. Jones, Captain Gordon McCabe, John P. McGuire and others. All the speakers were bitter in their denunciation of some of the histories now in use in our public schools, and resolutions were passed protesting against their being continued on the list.

MISS OWENS TO GET \$30,000. She Saved a Wealthy Lady From

Being Run Over by a Car. A special to the Charlotte (N. C.) Observer, from Salisbury, says Miss Mamie Owens, of this city, has received a letter from a Mrs. Strover, of California, in which the latter lady, who is quite rich, says that she has made her will and in it bequeaths \$30,000 to Miss Owens. During a visit to Washington, last year, Miss Owens had the good fortune to save Mrs. Strover from being run over by a cable car. The legacy attests Mrs. Strover's appreciation of the act which probably saved her life.

CAR MAGNATE DEAD.

George M. Pullman Dies Suddenly of Heart Disease.

George M. Pullman, the famous car magnate, died at his home in Chicago, from heart disease.

Mr. Pullman was in apparently good health and had not complained of any ailments. Nobody was present when corner of Eighteenth street and Prairie

Mrs. Pullman was in New York at the time of his death. Mr. Pullman was fifty times a millionaire, was the founder of the town of Pullman, and revolutionizer of railroad traveling.

A SEA OF FLAMES.

Russian Petroleum Springs Catch Fire-- Enormous Loss.

A dispatch from Baku, on the penin sula of Apsheron on the west coast of the Caspian Sea, a centre of the great oil producing regions in European Rusmany, a suburb of Baku, caught fire and spread quickly to other springs in the vicinity until the whole valley was a sea of flames. The fires are still burning. The losses are enormous.

Southern Directors Elected. The annual meeting of the stock holders of the Southern Railway Company was held in Richmond, Va. All the stock was represented. The following directors were elected for the ensuing year: Alexander B. Andrews, Raleigh, N. C.; Jos. Bryan, Richmond, Va.; Chas. H. Coster, Samuel Spencer, Harris C. Fahnstock, Robert M. Gallaway, New York; Wm. M. Finlay, Washington, D. C.; Samnel M. Inman,

Atlanta; Skipwith Wilmer, Baltimore, American Federation of Labor. President Samuel Gompers, by Frank Morrison, secretary, has issued a call to all affiliated unions for the seventeenth annual convention of the Ameri-

Contest for \$400,000. Charles E. Sanford, of New York, and other relatives of the late Josephine W. Sandford, of San Francisco, have begun a contest for her estate of nearly not relatives.

A Life of Tillman.

Mr. A. W. Moore, of Columbia, S. C., announces his intention of writing

New Comet Discovered. A new comet has been discovered by the Lick observatory.

THE DAVIS MONUMENT.

Virginia Veterans Urge Measures to Raise Funds for the Completion. The Grand Camp Confederate Veterans of Virginia met in Richmond, Va. Addresses of welcome were made by Mayor Taylor and Governor O'Ferrall. Maj. N. V. Randolph introduced the sponsors and maids of honor, after which an address was made by General Fitzhugh Lee. The report of Grand Commander John Cussons was then submitted. Among other things the report says: "I wish to call the attention of this grand camp to the importance of inaugurating active measures to raise funds to complete the monument to that true patriot and States, Jefferson Davis. A considerable amount of money is now in hand, but not enough to complete the grand work. I would threfore recommend 'hat some action be taken in the mat-

The report of Quartermaster General Taylor was also read. It shows that the receipts for the year were \$804.13; and the disbursements \$313.18; balance on hand \$490,95.

, A SHORT POTATO CROP.

A Falling Off of 30 Per Cent. From

Last Year, and the Causes. Not since 1802 has the potato crop of the United States proved so nearly a failure, says the American Agricul turist, in its final report of the yield of 1897. Compared with the liberal crop of last year, there is an apparent falling off of nearly 30 per cent. in tonnage, and the quality of the whole crop. The terance of the grand commander of the Confederate Veterans of Virginia, Col. at 64 bushels, taking the country

The resons for the disaster to the potato erop of 1897 are about as varied as a multiplicity of causes could make them. Standing out with more prominence than any other two factors, are insects, etc., have all been prominently in evidence. While the yield in bushel is small, the quality is almost deficient. This is true of most, but not all States. The crop is best in the Northwest. Such portions of Canada as make a specialty of potatoes, notably Ontario and maritime provinces, show a general, but not serious, shortage.

TICKET SCALPING.

Passenger Agents Ask for State and National Legislation.

At St. Louis the American Association of General Passenger Agents met with delegates present representing the principal railroad system, of the United States, Canada and Mexico and adopted resolutions calling attention to the necessity for State and National legislation against the ticket scalping business. State Legislatures that have not already done so are urged to adopt laws confining the steady at 301. sale of tickets to the properly authorized agents of the transportatime that they will require, under suit- white, 2.80. able penalties, the redemption of every

now before that body. Officers for the ensuing year were elected as follows: W. A. Turk, of the Southern Railway, president; Chas. S. Fee, of the Northern Pacific Railroad, vice-president, and Mr. Smith Reed Detroit was chosen as the place for

holding the next meeting. GREAT BRITAIN

Cannot Accede to the Proposition of the American Commission,

London (By Cable)-Lord Salisbury has sent to Ambassador Hay the reply of the British government to the proposals of the American bi-metallic commission, headed by Senator Wolcott. It is a diplomatically worded note. His Lordship says that the government of | Rio dull; Cordova 10@15. Great Britain is not able to re-open the India mints at present. He regrets the inability to accede to the proposals of the American commissioners, Great Britain having as great an interest as the United States and France in securing a stable par exchange for gold and silver, and an enlarged use of

"In these circumstances," continued Lord Salisbury, "the British government does not see the desirability of an international monetary conference, but States.

Special Low Rates. On Monday, October 25th, the dull.

Southern will put on sale special low rate excursion tickets to Nashville. Tenn., account of Tennessee Centennial and International Exposition. These tickets are good returning five days after date of sale and can be routed via Atlanta or Asheville. To those who have never been through the "Land of the Sky" this will afford an excellent opportunity to see the mountain scenery of Western North Carolina and East Tennessee, the trip being | The Democratic State Committee will to operate its express trains. The act of the House of made in daylight. Following is the bring W. J. Bryan into Ohio for the roundtrip rate from points named to Nashville and return on this date: Raleigh, \$9.95; Durham, \$8.80; Bur- the campaign. He follows Senator lington, \$7.10; Wilkesboro, \$7.10; Hanna for three speeches a day. Concord, \$5.55; Charlotte, \$5.35; Gastonia, \$5.15; Greensboro, \$6.05; High Point, \$5.90; Salisbury, 5.55; Besse-mer, \$5.10; Davidson, \$5.35. Rates from points not named can be secured from any agent Southern Railway or \$400,000, which she willed to persons | by writing to R. L. Vernon, T. P. A., Charlotte, N. C.

> Descried by the Governor. On account of the prevalance of yel low fever in Montgomery, Ala., and the fact that all of the towns and cities of the State have quarantined against that porarily been removed to Birmingham. have located there, and are transacting business from this point. The attitude government because of this act

NEW YORK COTTON FUTURES.

LIVERPOOL COTTON MARKET. Liverpool, October 20. - Middling 3 11-16. Futures closed weak. November and December 3 32} 8 December and January..... 3 22 s January and February 3 22 s February and March...... 3 221 8 March and April 3 23 s April and May 3 24 s May and June..... 3 25 s June and July 3 25@20

middling 5 9-16. Wilmington, Oct. 20.-Cotton firm; niddling 54. Savannah, Oct. 20. - Cotton steady; middling 5 9-16. middling 5 15-16.

middling 5%. Augusta, Oct. 20. - Cetton steady; middling 5 13-16 Baltimore, Oct. 20. - Cotton nominal;

middling 5%. Columbia, Oct. 20. - Good middling 5 15-16; strict middling 5 13-16; mid- It is the habit of many tomato dling 5 11-16; strictlow middling 5 9-16; growers as the danger of frost becomes low middling 5 7-16. Charlotte, Oct. 20 .- Strict good mid-

BALTIMORE PRODUCE MARKET. Baltimore, Oct. 20.-Flour-Dull. Family 4 60 to 4 85; winter wheat patents 5 00 to 5 25; spring wheat patents from the vine until near the Christmas 5 00 to 5 25; spring wheat straights holidays. Tomatoes fully grown will

Wheat-Weak. Spot. October and But they are not nearly as good as

October and November 30% to 30% November or December, new or old 305 to 301; January 315 to 313; steamer mixed 281 to 28 1; Southern white corn 31 to 33; do yellow 311 to 32. Oats-Firm. No. 2 white and No. 2 Western 264; No. 2 mixed 23 bid.

ket was firm, with sales of 1,240 barrels, is always done by breaking off the ear The quotations are: Good......44@5

NAVAL STORES. Charleston, Oct. 20. - Turpentine in fit condition for use. The pressure quiet, at 29. Rosin firm; A, B and C, of the ear which this method of judg-1.10; D and E, 1.15; F, 1.20; G, 1.25; ing involves 1 as the stalk and H, 1.35; I, 1.40; K, 1.50; M, 1.60; N, gives opportunity for the smut pores 2.00; window glass, 2.25; water white, to propagate. In too many gardens

Rosin firm. A, B, C and D, 1.25; E and F, 1,30; G, 1.35; H, 1.40; I, 1.55; K, 1.60; M, tion companies, and at the same 1.80; N. 2.20; window glass, 2.45; water bad one. Wilmington, Oct. 20. - Turpentine

used. Congress is also requested to Rosin firm at 1.15@1.20. Crude turpenpass the so-called "anti-scalping" bill | time firm at 1.50@2.00. Tar firm at 1.50. COTTON SEED OIL.

moderately active and a shade steadier preparation for wheat sowing. If the on the improvement in lard products; prime crude, 20@204; butter oil 27 1-2 prime winter yellow 31@32.

decline; showed generally weak under- clover catch next season. Clover tone following disappointing European does not do well if sown on any kind cables, continued heavy movement at of a sod. The reason is that newly Rio and Santos, apathy with spot buy- turned sod holds the furrow up, and ers and indifference with outside speculators; closed dull and unchanged to 5 points decline; sales 8,000 bags, including December 6.25@6.30; January 6.30; March 6.60; July 6.70; spot coffee at first a very slender hold on the

New York, Oct. 20. - Raw, nominal; fair refining, 3 15-16; cenirifugal, 96 test, 3 13-16; refined, quiet. MONEY MARKET.

New York, Oct. 20. - Money on call 4.845 for demand and at 4.817 to 4.83 will be pleased to consider any other for 60 days. Posted rates 4.824@4.834 practical suggestions from the United | and 4.85}. Commercial bills 4.81. Silver

Powder Mills Blown Up.

hurt. The cause is unknown.

Bryan to Follow Hanna, last four days of the last few week of

In Behalf of Redwine.

Senator A. O. Bacon, of Georgia, is

Trades' Council Called. The governor and all the State officers promises to be a great labor meeting.

A New York contemporary remarks of Birmingham is such that yellow fever that "\$40,000 taken in at a prize fight cannot live there, and was selected by inside of an hour doesn't indicate hard

THE MARKETS.

New York, Oct. 20.-Cotton closed dull; Middling upland, 63-16; Middling Guif. 6 17-16. Futures closed steady.

OTHER COTTON MARKETS. Charleston, Oct. 20. - Cotton quiet; In a wet season much of the pollen blown by winds to fertilize the silk of the corn plant is washed off and destroyed. The consequence is that in such years there is much defective Norfolk, Oct. 20. - Cotton steady; corn. We have noticed also that most of this poorly filled corn is slow to Memphis, Oct. 20. - Cotton easy; ripen. Probably the rain chills the ear, filling it with moisture and preventing it from drying out, as corn

middling 64. New Orleans, Oct. 20. - Cotton steady;

Hing, 5 90; good middling, 5%; middling $5\frac{3}{8}$; tinges, $5@5\frac{1}{4}$; stains, 5. Market weak.

4 80 to 5 05.

blight and rot, as a result of extremes November 95\(\frac{1}{4}\) to 95\(\frac{1}{4}\); December 95\(\frac{1}{4}\) to fruit that is ripened on the vine, which of weather conditions. Excessive rainto 95\(\frac{1}{4}\); steamer No. 2 red 89\(\frac{1}{4}\) to 90; apparently continues to perfect the Cultivator. fall here and there; a failure of germin- Southern wheat by sample 90 to 961; fruit even after its roots have been pulled from the ground.

smut is much more prevalent on sweet corn than on that grown in the field for feeding. Not only are the stalks of sweet corn more tender

Charleston, Oct. 20. - The rice mar. but the harvesting of the sweet corn

Fair......41@42

Savannah, Oct. 20. - Turpentine,

ticket or part of ticket that may be not | no change and nothing doing.

New York, Oct. 20. -Cotton seed oil @28; prime summer white 26 1-2@27; New York, Oct. 20. - Options opened steady with prices unchanged to 5 points

first crop of clover was cut off and the sod was plowed late, so as to let the second growth attain good size, there would invariably be failure of the as it rots down the soil above naturally falls, leaving the clover above it to perish. The young clover plant has leaves it high and dry in the air, and,

is steady at 2@21 per cent. Last loaned at 24 and closing offered at 2@24 per cent. Prime mercantile paper 41@41 per cent. Sterling exchange is easier with actual business in bankers' bills at 4.841 to certificates 57@57\}. Bar silver 58\chi. Mexican dollars 44\chi. Railroad bonds firm. Government bonds firmer. State bonds

At Acton, Mass , two mills, compris- it, which is, that as breeling stock a part of the plant of the American should never be made fat, corn or Powder Co., has been blown up by an cornmeal is not the proper food to explosion of gunpowder. Nobody was give them, unless their other food is

A special from Columbus, O., says:

in Washington on a mission of mercy. He is to present before President Mc-Kinley a petition largely signed by many of the best known people of his State, praying for the pardon of Louis Redwine, the ex-cashier of the defunct Gate City Bank, of Atlanta.

A call has been issued from St. Louis, Mo., by H. W. Steinbiss, secretary of the Building Trades' Council, for a general convention of councils to be held in that city on Dec. 20th. It good supply of milk then and after-

the governor as the temporary seat of | times." No; it indicates a hard town.

THE

The Tassels of Corn.

Ripening Tomatoes Under Cover.

mato vines with a little earth attached,

and throw them with their unripe

fruit into some building where the

unripe tomatoes will gradually turn,

and the smaller ones increase in size

and finally ripen also. In this way it

is possible to have tomatoes fresh

color if picked and laid on the shelf.

Smut on Sweet Corn.

Everyone has noticed the fact that

and juicy than those of the field grain,

when it is in its most succulent con-

dition. Of course a single case of

'smut propagates rapidly under such

conditions, especially if the picker

feels of each ear to judge whether it is

gives opportunity for the smut pores

sweet corn is grown in succession. It

not for the smut, the practice of grow-

Clover.

that clover rarely succeeds when sown

on a newly turned clover sod. The

saying had its origin in the days when

plowing under clover was the usual

plowing was early enough for the

clover to be entirely rotted, the clover

seed grew readily enough. But if the

soil. Any falling down of the soil

of course, is fatal to it. - American

Feeding Breeding Stock.

Every farmer's son soon learns that

there is no food that has a better

reputation for fattening animals than

Indian corn or some of its products.

He does not need the chemist's anal-

But there is another lesson which

than a proper healthy growth.

going to the other extreme.

corn meal twice a day.

bog hay, will not be apt to accumulate

too much fat on her ribs or inside,

where it will interfere with the grow-

ing calf, if she has a liberal feed of

The trouble is that she will not be

likely to get as much meal as she

needs to repair the wastes of her

system, and she will be more apt to

grow too lean than too fat for bring-

ing forth a good calf and having a

or other hay and roots should have

Cultivator.

fodder.

It is often a saying among farmers

corn meal.

Just so with the brooding sow. If in a warm pen with nothing to do but to eat and then lie down in the straw to sleep, if her feed is corn meal and milk she will soon be too fat for breeding a good litter of good pigs. Turned out in the pasture to eat what grass she will, and exercise herself in rooting out boulders and stumps, she will be in much better condition, and produce stronger and more vigorous pigs. Nor will a little corn be likely to hurt her, if given before she farrows, and liberal feeding after the pigs are a

out producing in its nature than

week old will not hurt her or them. The same caution might be applied to mares, to sheep, or to the humbler domestic animals and to poultry. In will do in dry weather, - Boston Culall cases avoid the two extremes of too much and too little food, too fat or too lean breeding stock, and with good food, good care and exercise It is the habit of many tomato keep the animals strong, healthy and vigorous, the males as well as the feimminent to pull up a number of to-

males. The boys should be taught what constitutes a good food ration for the breeding stock as early as they are taught what to give to those that are to be fattened, and the reasons for feeding differently should be made plain.

No tables of formulas for "wellbalanced rations" can properly take the place of a knowledge of the principles of feeding for fat alone or feeding for health and strength .- Boston

Putting in Wheat.

The seed itself is the first essential to success, and it should be selected with the greatest care. No new and untried variety may be safely used for the real crop until it has been thoroughly tested in a smaller way on your own land or in your immediate vicinity. Change of seed by procuring from a different locality, especially from a more northern latitude or from a different soil, is a well established and useful practice which might be followed at intervals of from three to

Only the plumpest and best grain should be reserved for seed, and that should be thoroug ly cleaned by hand, imperfect grains and weed seed being rigorously excluded by repeated action of fan and screen.

All attempts at cleaning smutty seeds are worse than useless as the is not an exhaustive crop, and were it spores will adhere to the grain in spite of all efforts to prevent this, ing it in succession would not be a For this reason wheat for seed should never be used if the thrasher or fauning mill has previously been used for infected grain, and if any suspicion exists, recourse should be had to the well-known "blue-stone" or hot water treatment, one or the other, so as to ensure absolute protection.

The time of plowing must depend largely on the character of the preceding crop, but on general principles, early plowing-the earlier the better -is most satisfactory. During the interval between plowing and sowing, weeds must not be allowed to secure a hold in the field, and an occasional harrowing will not only prevent this difficulty, but also materially improve the condition of the seed-bed, on the character of which results and yield so largely depend.

The matter of fertilizing is next in order. The greater part of the winter wheat area of the country lies within the prairie states, and heavy fertilizing is not yet the practice. This is particularly true as to the use of nitrogenous manures; the plowing under of clove: sod is almost invariably practiced; hence it is seldom necessary to apply nitrogen in the form of fertilizers. Moderate applications of mineral plant-food (potash and phosphoric acids) are, however, almost indispensable to the production of satisfactory crops.

ysis with its percentages of protein If a mixed fertilizer is to be used, and carbo-hydrates to convince him of as is the more common practice, the its value, when used in proper amounts difficulty will be that most mixtures and in proper combination with coarse on the market contain a disproportion of phosphorie acid, more than the crop can possibly utilize, and more he should learn at the same time, but than can be economically purchased which many do not learn, perhaps befor any other effect than that of actual cause their teachers have not learned plant-food. The excess of phosphorie, acid is accompanied by a proportionate deficiency in potash. These two errors of composition should be rigorously guarded against, and a fertilso poor in quality or so scanty in izer containing approximately six per quantity, or other conditions are such cent, of phosphorie acid and four per that corn will not fatten to any more cent. of potash should be selected and insisted on. "If a clover sod has not It is not meant to say that breeding been recently turned under, nor a stock should be kept lean, half-starved good application of manure made to and stunted in size. This would be the preceding crop, about three per cent, of nitrogen should also be pro-The cow that is kept in a cold barn vided in the material used, and an apnights and in the daytime stands in plication of 200 to 500 pounds per yard or pasture exposed to cold winds acre should on an average yield satand rains and snow storms, with isfactory results. scanty feeds of frostbitten grass or

If the purchase of the raw materials and home mixing is to be tried, the following materials would prove most desirable: 150 pounds of raw bonemeal and fifty pounds of muriate of potash. This application should show most satisfactorily on the subsequent

crop of hay. Drilling with the press drill, which also distributes the fertilizer, is the desirable method of putting in, and experience has shown that five pecks of seed per acre will return better vields than either lighter or heavier But the cow that is well sheltered rates of seeding. - H. E. Stockbridge and fed on well-cured, early-cut clover | in Farm, Field and Fireside.

little or no grain, and what she does The first museum of natural history have should be less fattening and less was established in London in 1681,