

FARM AND ORCHARD.

Proper Application and Distribution of Manures.

To Make Wool More Profitable a Demand for Finer Goods is Increasing

—Training Tomato Vines, and by Pruning Them Large Tomatoes Are Produced—Points in Grafting—How Long to Milk Cows—Miscellaneous Items.

Agriculture as practiced by the more advanced farmer of the present day, differs widely from the routine of thirty or forty years ago, various kinds of purchased cattle food and artificial manure being now largely used. These comparatively modern practices, although tending to increase the amount of manure...

For instance, how different must be the condition of the land in regard to manure, immediately available for the present year, from that which would be required for the next year, if the manure is to be used in the form of a top-dressing, after a root crop grown by artificial means, and removed for manure, and after one grown by dung and consumed upon the land, with or without other food in addition.

The gardeners who continue to cling to the old method of allowing tomato vines to sprawl over the ground at random do not, I think, raise as fine tomatoes as those who stake and train them. A certain proportion of them enters into the grain and meat which are sold off the farm; another portion remains in the straw, roots and fodder crops, in due time to be returned again to the land in the form of manure, and a third portion remains in the soil, to be taken up by future crops at a more or less distant period.

My method is very simple. I use the same field for tomatoes every season. At a distance of every ten feet a strong stake is driven into the ground, and these stakes are placed in long rows about two and a half feet apart. The tomatoes are planted in hills along these rows, and kept from spreading strong twine is run on nails from stake to stake, so that a regular fence is formed. On this strong twine the vines are trained the same as grape vines on trellis.

Owners of small fruit gardens may not only enjoy the pleasure of grafting certain trees on their grounds for improving special advantages of growing better kinds than they had before. It is true that some carry this desire for change to the point of overdoing it, and in getting the new and fashionable varieties they re-graft a young tree four times in successive years before either the trunk or the branches get old.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades. It is this that farmers should have their attention drawn frequently, for very many who go into the sheep business think that it is just the same, no matter how grown. They secure good blooded stock, and naturally expect that these high priced animals produce good, salable wool.

great demand. They are not profitable to the sheep grower, and it is the class of sheep raisers that grow this wool whom we always complain from.

There are a few points about wool that even the experienced flockmaster, as well as the beginner, might think about. The fine grade of wool that takes well today is one that has a good fine staple, but is not too heavy. This is the grade most often according to the even development of it. It developed evenly it will resist tension equally. This wool can be woven into any fabric.

Good staple should also be evenly lubricated along its whole length, and this can only be accomplished by giving the animals in perfect health. If growers would stop to think of how much this neglect injures the quality of their wool when placed upon the markets they would give more attention to their animals.

The gardeners who continue to cling to the old method of allowing tomato vines to sprawl over the ground at random do not, I think, raise as fine tomatoes as those who stake and train them.

My method is very simple. I use the same field for tomatoes every season. At a distance of every ten feet a strong stake is driven into the ground, and these stakes are placed in long rows about two and a half feet apart.

Owners of small fruit gardens may not only enjoy the pleasure of grafting certain trees on their grounds for improving special advantages of growing better kinds than they had before.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

There has been a steadily increasing demand of late years for fine grades of wool, and while foreign growers have had a tendency to compete successfully with our own home grown poorer grades of wool, they have practically had no effect upon the price of the finer grades.

fruit without considerable propping and bracing. If more attention was paid by farmers to the breeding of mutton-producing sheep they would realize in the profits a much enlarged prospect for the future of sheep in the United States.

One nursery agent takes the farmer's order through his oiled tongue and pretty picture board as his chief means of inducing the farmer to buy. He delivers the trees and collects, and the honest son of toil does the profanity part afterward.

A strange, new and very disastrous disease has broken out in the Province of Haute-Normandie, in France. There seems to be no record of anything like it hitherto. It attacks the young stock first, but rapidly sweeps nearly all before it, and is spreading north and westward.

The United States, according to the report of the Agricultural Department, is the largest exporter of agricultural products in the world. In the production of a home-fodder supply more liberal than any other people enjoy, she contributes a very large proportion of the surplus agricultural products in the world.

Police Court. Lottery Taxes Reduced—A Limited Calendar Yesterday. In the Police Court yesterday Fong Yook, Ah Sam, Lee Him and Quong Chong, arrested for being in the lottery business, were arraigned, pleaded guilty and were fined \$75 each—a material reduction in rates.

Deputy Auditor Richard Cohn and Assistant District Attorney J. Charles Jones have filed demurrers in the proceeding taken by E. A. Barr to restrain him from drawing the salaries granted them from their appointment by the Board of Supervisors.

Wants His Discharge. Samuel Carson, an insolvent debtor, yesterday petitioned the Superior Court for an order discharging him finally from all his debts and liabilities.

Robbed in a Dive. A man named Henry George, who was intoxicated, complained to the police yesterday that he had been robbed by a colored woman named Cindy of \$20.

EL DORADO DIAMONDS. A Miner at Newtown Finds One Worth Sixty Dollars. There is likely to be a rush of diamond-seekers to El Dorado County.

FOLSOM SCHOOL PICNIC. A Day of Enjoyment in the Beautiful Natoma Grove. The good people of Folsom and vicinity turned out in large numbers on Tuesday at the annual picnic of the public school of that place.

SUPERIOR COURT. Department One—Catin, Judge. People vs. Chin Hane and Hoey Yen Sing. People vs. Robert Wilson—Sentenced to Folsom for three years.

Department Two—Johnson, Judge. People vs. Henri H. Cate—Continued today. People vs. Jack Cullen and Billy Carroll—Continued till May 22d.

Department One—Catin, Judge. People vs. Chin Hane and Hoey Yen Sing. People vs. Robert Wilson—Sentenced to Folsom for three years.

Department Two—Johnson, Judge. People vs. Henri H. Cate—Continued today. People vs. Jack Cullen and Billy Carroll—Continued till May 22d.

Department One—Catin, Judge. People vs. Chin Hane and Hoey Yen Sing. People vs. Robert Wilson—Sentenced to Folsom for three years.

Department Two—Johnson, Judge. People vs. Henri H. Cate—Continued today. People vs. Jack Cullen and Billy Carroll—Continued till May 22d.

WILLIAM LADUE PARDONED. He Was Sentenced to the County Jail for a Year. Governor Markham yesterday granted a pardon to William Ladue, convicted in the Police Court in this city on January 18th and sentenced to six months in the County Jail for battery upon his wife.

Ladue was the keeper of a restaurant at Agricultural Park, and was arrested by Officer Gibson while beating his wife. He is a large and powerful man and resisted the officer at the time of his arrest. Since his conviction Mrs. Ladue has procured a divorce.

The pardon was granted for the reason, the Governor says, that it appears by letters received from reputable citizens, that Ladue had always borne a good reputation prior to the commission of his offense, and that he is a hard-working, sober and industrious citizen; that, at the time of the commission of the offense, he was in the city, but immediately thereafter he always been a hard-working, sober and industrious citizen; that, at the time of the commission of the offense, he was in the city, but immediately thereafter he always been a hard-working, sober and industrious citizen.

CASES CONTINUED. Lagier and Monaghan Will Appear For Trial To-day. In Judge Johnson's court yesterday the case of Henri Lagier, for robbery, was continued till to-day at 10 A. M., and T. J. Monaghan's case will also come up at the same time.

The case of Jack Cullen and Billy Carroll, charged with burglary in entering the warehouse of S. H. Farley, at Twelfth and F streets, and stealing potatoes, had been set for yesterday, but John Cullen's attorney, was not present on account of sickness.

THE SCHOOL CENSUS. Director Sherburn Thinks an Error Has Been Made. Concerning the apparent falling off in the number of school children since last year's census, School Director Sherburn said yesterday he was satisfied there was some mistake.

Wants His Discharge. Samuel Carson, an insolvent debtor, yesterday petitioned the Superior Court for an order discharging him finally from all his debts and liabilities.

Robbed in a Dive. A man named Henry George, who was intoxicated, complained to the police yesterday that he had been robbed by a colored woman named Cindy of \$20.

EL DORADO DIAMONDS. A Miner at Newtown Finds One Worth Sixty Dollars. There is likely to be a rush of diamond-seekers to El Dorado County.

FOLSOM SCHOOL PICNIC. A Day of Enjoyment in the Beautiful Natoma Grove. The good people of Folsom and vicinity turned out in large numbers on Tuesday at the annual picnic of the public school of that place.

SUPERIOR COURT. Department One—Catin, Judge. People vs. Chin Hane and Hoey Yen Sing. People vs. Robert Wilson—Sentenced to Folsom for three years.

Department Two—Johnson, Judge. People vs. Henri H. Cate—Continued today. People vs. Jack Cullen and Billy Carroll—Continued till May 22d.

Department One—Catin, Judge. People vs. Chin Hane and Hoey Yen Sing. People vs. Robert Wilson—Sentenced to Folsom for three years.

Department Two—Johnson, Judge. People vs. Henri H. Cate—Continued today. People vs. Jack Cullen and Billy Carroll—Continued till May 22d.

Department One—Catin, Judge. People vs. Chin Hane and Hoey Yen Sing. People vs. Robert Wilson—Sentenced to Folsom for three years.

Department Two—Johnson, Judge. People vs. Henri H. Cate—Continued today. People vs. Jack Cullen and Billy Carroll—Continued till May 22d.

ONLY 3 DAYS REMAIN TO Test the Free Treatment!

INTERNATIONAL HOTEL, SACRAMENTO, FROM May 1st to 13th.

AS THERE ARE MANY SUFFERERS IN Sacramento and vicinity who are unable to visit the San Francisco Institute, who desire treatment, and so many letters have been received asking for treatment by mail, that it has been deemed advisable to visit Sacramento to give those who desire such examination, advice and treatment as may be indicated in each individual case.

Although the expense will be several thousand dollars, we know that the large number of those who will be cured will more than pay for the cost. We also desire to call attention to our well-equipped Institute. All we ask in return is for each patient to report to the Institute the success obtained by this truly wonderful system.

Not only will the patient be surprised at the wonderful knowledge of disease, their plain, concise explanation of every cause and effect, but the rapidity with which they receive a cure that is permanent, and the Bryant system. It is this system that has cured the surgeon's knife of so many fatal operations in cases of tumors, cancers and other abnormal growths.

Those who desire special treatment, also those who have doctored much with no results, and who are tired of visiting hospitals, will find in this system a permanent cure for all cases taken for treatment.

THE SPECIALISTS FROM THE BRYANT MEDICAL INSTITUTE, Permanently Located at 14 Powell St., San Francisco, Cal.

Will be at the International Hotel, K street, Sacramento, from May 1st to 13th. Free Two Weeks.

NATIONAL BANK OF D. O. MILLS & CO. Sacramento, Cal.—Founded 1850.

Capital and Surplus, \$600,000. CALIFORNIA STATE BANK AND SAFE DEPOSIT VAULTS SACRAMENTO, CAL.

THE OLDEST SAVINGS BANK IN THE CITY, corner Fifth and J streets, Sacramento. Guaranteed capital, \$500,000; paid up capital, \$200,000; \$400,000. Reserve funds, \$50,000.

LOANS MADE ON REAL ESTATE. IN-TEREST PAID SEMI-MONTHLY ON Term and Ordinary Deposits.

THE BOARD OF DIRECTORS OF THE People's Savings Bank have declared a dividend of 5% per annum on term deposits, 4% per annum on ordinary deposits, and 3% per annum on current deposits, payable on and after January 1, 1893.

THE BOARD OF DIRECTORS OF THE People's Savings Bank have declared a dividend of 5% per annum on term deposits, 4% per annum on ordinary deposits, and 3% per annum on current deposits, payable on and after January 1, 1893.

THE BOARD OF DIRECTORS OF THE People's Savings Bank have declared a dividend of 5% per annum on term deposits, 4% per annum on ordinary deposits, and 3% per annum on current deposits, payable on and after January 1, 1893.

THE BOARD OF DIRECTORS OF THE People's Savings Bank have declared a dividend of 5% per annum on term deposits, 4% per annum on ordinary deposits, and 3% per annum on current deposits, payable on and after January 1, 1893.

EVERY PENNY COUNTS! Your Small Change Will Buy a Dollar's Worth Now.

CREDITORS' SALE! OF THE STOCK IN THE RED HOUSE.

PICNIC MILLINERY. Sun Hats, light, airy, graceful forms, that woo the breezes and eclipse Old Sol. A new lot came from our workrooms to the counter to-day.

Sun Hats, light, airy, graceful forms, that woo the breezes and eclipse Old Sol. A new lot came from our workrooms to the counter to-day. Miracles of artistic taste. Nothing to pay for the genius and thought and work of putting them together.

CREDITORS' SALE. N. S. BACHMAN, Manager. Real Estate, Etc. Business Cards.

REAL ESTATE AUCTION. KEYS SPECTER'S HOOF STUFFING. KEYS HORSES' FEET IN NATURAL CONDITION.

STOCK BROKER OFFICE AT A. Nathan's cigar store, 205 K street. WATERHOUSE & LESTER. DEALERS IN IRON, STEEL, CUMBERLAND COAL.

UNION FOUNDRY-IRON AND BRASS Foundry and Machine Shop between N. and O. Castings and Machinery of every description made to order.

Attorneys-at-Law. A. L. HART. TORNEY-AT-LAW—OFFICE, SOUTH-EAST CORNER FIFTH AND J STREETS, ROOMS 12, 13 and 14, Sutter Building.

W. J. KAVANAUGH, Undertaker, No. 513 J St., bet. Fifth and Sixth. ALWAYS ON HAND A LARGE ASSORTMENT of Caskets, Coffins and Shrouds furnished.

EDWIN H. ALSIP & CO., Real Estate and Insurance, 1015 FOURTH STREET. Auctioneer.

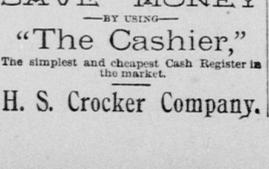
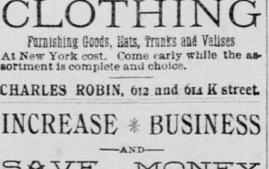
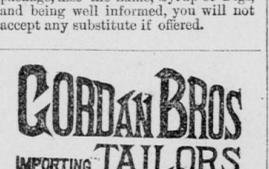
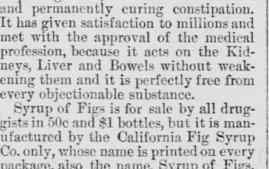
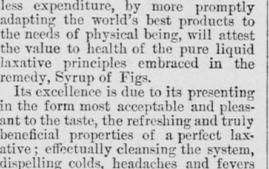
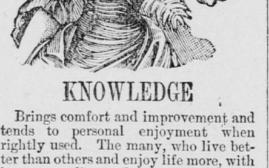
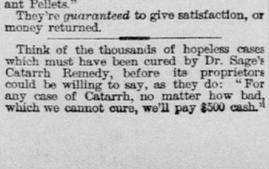
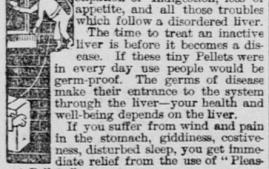
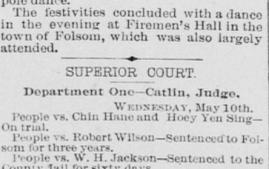
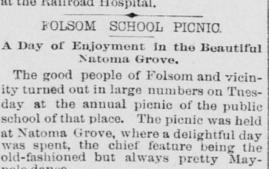
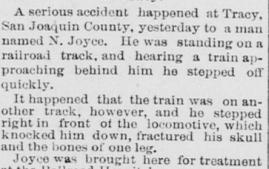
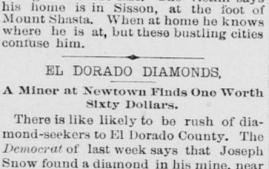
W. P. COLEMAN, Real Estate and Insurance, 325 J STREET. Auctioneer.

COAL WANTED. THE BOARD OF CITY TRUSTEES WILL receive on Friday, 12th of May, sealed proposals for supplying Coal to the City Water Works for one year from May 1st, 1893.

Baby Carriages FROM \$7.50 TO \$45. RUBBER WHEELS. Large Assortment. On Installments if Desired.

FOR PICNICS. Lunch Baskets, 10 cts. Wood Plates, per doz., 5 cts. Canned Meats, Pickles and Olives.

KILGORE & TRACY, CASH GROCERS, N. E. Corner Eighth and J Streets, Sacramento. VEGETABLES. THE FINEST TO BE FOUND IN THE MARKET AT R. A. OLMSTEAD & CO.'S.



2319 N Street. On the premises, at 10:30 A. M. THURSDAY, MAY 11th.

A beautiful new cottage, six rooms, bath, large closets and pantry, all modern conveniences, high basement, high lot, 82x160, with good new fences. Location is one of the best in Sacramento for homes, and is more rapidly building up than any other part of the city.

TERMS—\$500 down, balance in four years at 7 per cent per annum. Good title. Taxes paid to date. Ten per cent to be paid when sale is announced.

EDWIN H. ALSIP & CO., Real Estate and Insurance, 1015 FOURTH STREET. Auctioneer.

W. P. COLEMAN, Real Estate and Insurance, 325 J STREET. Auctioneer.

COAL WANTED. THE BOARD OF CITY TRUSTEES WILL receive on Friday, 12th of May, sealed proposals for supplying Coal to the City Water Works for one year from May 1st, 1893.

Baby Carriages FROM \$7.50 TO \$45. RUBBER WHEELS. Large Assortment. On Installments if Desired.

FOR PICNICS. Lunch Baskets, 10 cts. Wood Plates, per doz., 5 cts. Canned Meats, Pickles and Olives.

Attorneys-at-Law. A. L. HART. TORNEY-AT-LAW—OFFICE, SOUTH-EAST CORNER FIFTH AND J STREETS, ROOMS 12, 13 and 14, Sutter Building.

W. J. KAVANAUGH, Undertaker, No. 513 J St., bet. Fifth and Sixth. ALWAYS ON HAND A LARGE ASSORTMENT of Caskets, Coffins and Shrouds furnished.

EDWIN H. ALSIP & CO., Real Estate and Insurance, 1015 FOURTH STREET. Auctioneer.

W. P. COLEMAN, Real Estate and Insurance, 325 J STREET. Auctioneer.

COAL WANTED. THE BOARD OF CITY TRUSTEES WILL receive on Friday, 12th of May, sealed proposals for supplying Coal to the City Water Works for one year from May 1st, 1893.

Baby Carriages FROM \$7.50 TO \$45. RUBBER WHEELS. Large Assortment. On Installments if Desired.

FOR PICNICS. Lunch Baskets, 10 cts. Wood Plates, per doz., 5 cts. Canned Meats, Pickles and Olives.

KILGORE & TRACY, CASH GROCERS, N. E. Corner Eighth and J Streets, Sacramento. VEGETABLES. THE FINEST TO BE FOUND IN THE MARKET AT R. A. OLMSTEAD & CO.'S.

Sporkmen's Headquarters. HENRY ECKHART, MANUFACTURER and Importer of Guns, Rifles, Pistols, Fishing Tackle, and Sporting Material of every description. Guns, shot-guns, stocks bent, and repairing on guns and rifles a specialty. Send for price-list. No. 525 & Street, Sacramento.