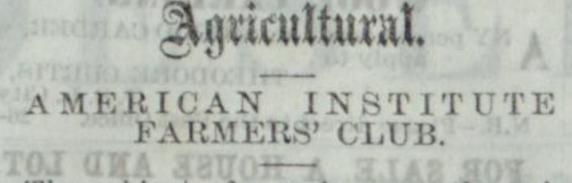
## March 29, 1865.]

THE DESERET NEWS.

the pumps clogged, and the gearing broke, but now all goes on smoothlysave an occasional strike among the workmen-and the work proceeds nearly as fast as it would above ground. The miners dig out the clay, making a cylindrical hole of about six feet and a half in diameter, loading the clay on little cars, which are then run on a tramway to the shaft and thence elevated to the open air. They are followed at a distance of a few feet by the masons who lay the bricks in two courses, packing them into the clay round the lower that there is no chance for future dis- jured. placement.

a mile will have been finished by the both ends, and the whole tunnel be finished by the end of 1866. "We need not further describe the work; it has previously been fully dealt with in our columns. We need only sy that it is being done to the complete satisfaction of the Board of Pubie Works, the members of which coninually supervise the matter. Yet a little while, and we shall have pure water in Chicago, uncontaminated by the fifth which is continually poured into the river."



The subject of pruning was the principal question discussed by the Club today, Jan. 12, and was mainly confined to the propriety of Winter-pruning appletrees. Dr. Ward contended for the practice, and Wm. S. Carpenter against it. Dr. Ward said that he had nothing against Summer-pruning as regards the half of the arch, and filling in with ce- tree, but believes it equally healthy to ment on the upper half. The whole is prune in Winter, when labor is not so thus made compact, and capable of re- valuable; and some of the best fruit-culsisting any pressure short of one of those turists concur in this opinion, includgeneral upheavals which in times past ing Charles Downing. The Doctor has have revolutionized the surface of our observed that when large limbs are cut globe. The whole thing is solid as the away in Summer, the sap flows and rock itself, and there seems no reason scalds the adjoining bark, and causes to apprehend a collapse either outward | it to turn black and decay. Such limbs, or inward. If the work should be fin- cut off in Winter, dry up, and if the tree ished without accident, it would seem is vigorous it soon heals and is unin-

Mr. Carpenter related his experience "The work is now proceeding at the in pruning an old neglected orchard in rate of about ten lineal feet per day of Winter, some of them severely, the retwenty-four hours, the men being work- sult of which was that many trees died, ed in three gangs, each of which takes and he thought it one of the very worst an eight hours shift; so that the job is practices to prune close in Winter. The prosecuted night and day. Nearly half | true way, however, is to keep the young trees in such a condition that they will first of May, at which time the now never need severe cutting at any time. finished crib will be taken out to its His best success has been to prune of 1864, one hundred acres of land were not speak a cross word to Lucy, and destination-two miles from shore-and while the trees were in fruit. It is then unk; the work will then proceed from almost impossible to kill a tree by mutilation. This is proved by trees breaking down while overloaded with fruit. Solon Robison gave some of his experience in pruning, and has come to the conclusion that the best way for us is to recommend all who have old orchards that need pruning, to do it whenever they have time-that trees are just as liable to die from severe pruning at one season as another. in Connecticut, New York and New Jersey, thought there were just fifty-two not be done-that is the first day of each twenty-five hundred pounds per acre. week. But an old unthrifty orchard giving it something to assist growth. A tree that is not growing thriftily canhaps the best months are February, June and July. The trees that are pruned heavily for grafting, had better be done early than late. If I was pruning an old orchard heavily, in Winter, I would leave long spears and cut them off in June. On unthrifty trees the ends heal and sprouts grow. Dr. Ward: It is a nice question to determine when to prune and how much March are good months to prune, though ewelled as much below Shoddy's and I have been successful in August, when fifty thousand dollars! Atroleum's wives and daughters as is trees wanted butlittle pruning. I should object to the recommendation to prune to spears to be subsequently cut away. I prefer to cut close to the trunk at first, with sharp tools. Mr. Ely said that he had always prun-Another gentleman said that he considered it about as safe to cut down an old apple-tree as to cut off several large Mr. Judd said that he had some large limbs cut without injury, and he moved an apple-tree that was fourteen years old, at a cost of \$7, and it continued its growth, but does not give fruit. Upon the whole he thought the moving did not pay; that it would be better to plant new trees, unless the moving could be prepared for in Autumn and done in There is another question, "what are the best, or necessary pruning tools and what is the best substance to cover wounds?" Ward, Robinson, Pardee and others, suggested a paint made of cow-droppings and blue clay, as the best as well as cheapest substance that can be used for the purpose of covering wounds made by pruning or in any other way. A MILLOHAN

west to its production, and of noting or at least makes life uncomfortable, the effect of the peculiarities of the soil when the same knowledge and energies of different localities. Mr. Belcher test- on a smaller farm would have obtained ed the beets grown in different portions | complete success .-- [Manual af Agriculof Illinois, Wisconsin and eastern Iowa, and in all instances, obtained the most gratifying results, so that the entire addaptability of the soil and climate of these States to the cultivation of the sugar-producing beet, and the success of every intelligent effort to produce sugar in paying quantities from it, is away the things till morning, raked out placed beyond all questions.

Aside from this, there has been one grand experiment in this State, conducted at an expense of \$50,000 of which, however, it is an impossibility to obtain any results from the interested parties. The parties are T. Gennert and brothers, of New York city, who, after having visited Europe and given the matter their personal examination, located at Chatsworth, Livingston Co., IIlinois, on the line of the Peoria and Oquawka Railroad, some hundred miles from Chicago. Purchasing at this place twelve hundred acres of land, and erecting a refinery one hundred and fifty feet long and one hundred feet wide, and the main building fifty feet high, supplied with all the appliances for making sugar, these gentlemen prepared to test the matter on a grand scale.

ty of the soil and climate of the North- times. This, perhaps, leads to a failure, ture.

## [CONCLUDED.] "I THOUGHT I WOULDN'T."

"Then I cleared the table, and put the fire and got it a going, and took the baby, and placed it in the cradle. I got some cold water and bathed Lucy's hands and face and smoothed down her hair with my hands, (magnetism, you think? well, no matter,) and placed a wet cloth above her forehead. I asked her if she was better. "Yes," she said with a sweet smile, and fairly went to sleeping while she said so. So I got down a book of travels and forgot all about myself for a couple of hours. Then I looked up, and as I saw little Jimmy sleeping so soundly and pleasantly in his crib, where he had kicked himself out at the top of his bed-clothes; and the baby, too, dozing quietly with her thumb in her mouth; and Lucy reposing so refreshingly, with a half smile on her parted lips, the fire burning brightly, and the rain beating During the fall of 1863 and the spring against the windows, I was glad I did "Yes, of course," said Tom, rather with an idea that he, with all his good temper, had done it, at a time not very remote. But he regained his composure by saying, well, go on, Dick, this is as "I have but little more to say," continued Dick. "I have considered the matter a great deal, and the more I con-"When old Scoldem is insolent with me, when any one jostles me insulting-The beets were harvested, the juice ly, when any tradesman or a fellow craftsman treats me rudely, my first raged and erying to bed. I am glad that I often "think I won't." I feel that I have trumphed when I can say, "I thought I wouldn't." "Dick," said Tom, "can you give me a scrap of paper?" His friend examined his wallet and produced a piece. "Here," said he, "is the back of a letter dropped to-day in the city postoffice; it is addressed to me, and a post mark on it too, but as it is marked 'Paid,' I hope that won't hurt it." "All the better for having your name and date on it," said Tom, who proceeded to the desk, wrote something very carefully on the paper, folded it, and put it away in his pocket-book. The two friends grew old together in their native city. They both became prosperous in their calling, and were noted for their kindness to their workmen and servants, for amenity to the community at large, and for their domestic happiness. They were distinguished by civil honors, and were made depositories of responsible trusts. They remained fast and intimate friends and it was a source of happiness to them that their children intermarried. Thomas died first. In his last will he made a singular provision. "Item. I direct that a certain sealed package, bearing my name shall be delivered to my true and life long friend Richard Felton. It contains a gift which he delivered to me in early life; it has been to me a great source of success, and of domestic happiness. return it to him now; he does not need

GREAT CITY OF GOTHAM.-THE HOW A HOOSIER SEES IT .- FROM A PRAIRIE POINT OF VIEW.-The Prairie Furmer has an interesting Hoosier correspondent, who resides on a prairie six miles from a tree," and who has ist been visiting New York: I came the conclusion that very large formes were anything but desirable, even they should not take to themselves There are but two or three rich mgs. nen in New York city. Any town of ight hundred inhabitants has that many. Go to New York with your marter of a million, and you will feel maller, and be-relatively-poorer, han in Bungtown with twenty thouand. Let your wife and daughters unertake to spread. They find themelves nowhere. They are dressed and d Betty who takes in washing, below heir "get up" in the Bungtown church. Is no use. There is no such thing as king rich in New York city. If you want no one to notice how poorly you b dress, go to New York city. Don't ed in Winter, with success. where to show such dry goods, furs, wels and diamonds as would make all ungtown stare, for they will never be wticed. It does me good to go down limbs, here, I feel so much more contented then I get home. I believe I can honstly say that it does not make me anxous in the least. Nine-tenths of all heir spread is put on for the benefit of ther people's eyes. Hooked my share. was thankful when I went to the pera that the ladies were dressed so me, and whose diamonds sparkled so mely for my gratification. I felt Winter, with a ball of frozen earth. mankful to them for enlivening the madway sidewalks. I said, thank mu (internally) whenever Shoddy's weried coachman drove Shoddy's plendid turnout along the street for me Madmire. I like fine horses. I like to me fine carriages. I like to see liveried sekeys-provided they are not nativeorn Americans, but niggers or Engshmen. I admire handsome brown whe fronts. I den't want the care of -[N. Y. Tribune. ) hem. I don't want to pay the taxes m them. I don't want to live in them, but when I go down to New York I do like to have them there on the avenues, and some good-fellow to keep them clean. New York is a big thing, (vide A. Lincoln). There is a lot of hardworking, scheming, lying, stealing,

prepared, and planted with seed import- leave her sick and alone with a deranged by themselves from Europe. The ed kitchen, a dull fire, a fretful child season was unfavorable, owing to the and a nursing baby. What a brute I excessive drouth, and yet the yield of should have been if I had done it." beets was believed to be about fifteen tons per acre. Mr. Belcher, of the Chi- slowly, for he was just then impressed cago sugar refinery, analyzed some of the beets, and found them to contain twelve and one-half per cent. of crystallizable cane sugar, and three and onehalf per cent, of soluble impurities. Es- interesting as a prize tale." timating that of this twelve and one-Mr. T. Holt who has had experience half per cent. of crystallizable sugar eight per cent. could be extracted, and that is by no means an improbable esti- | sider upon it, the more I think I won't." days in the year when pruning should mate-the yield of sugar would be over

should not be pruned severely and ex- extracted, the syrup boiled to a certain pected to make new growth, without consistency and sent to the St. Louis impulse is to pay him in his kind; but refinery for future treatment, and the when I consider that it will do me no public are not informed of the cost of good to do it, I think I won't." When not be expected to heal over wounds. If raising the beets, or the yield of actual I am annoyed by short comings at I could choose my time I would select working. But, from the pains taken to home, and am tempted to find fault, I it just when the leaf is starting. Per- conceal the result, there can be no doubt ask myself if Lucy is not a good mother but it is one of eminent success. Fsti- and a loving wife, and if I don't really mating that, instead of yielding eight think she meant to do as she might per cent. of the twelve and one-half per | under the circumstances, and the sharp cent. of sugar contained, the beets yield- | expression never forms on my lips, ed only six and one-half per cent., or because "I think I won't." So when but a trifle over one-half of the sugar the children are too noisy, or one of contained,-and their arrangements them is fretful, I think the noise is often must have been very imperfect if they preferable to constrained silence, and did not succeed in extracting that quan- that it is better to take the little fevered tity,-and the yield would be two thou- urchin on one's lap, and take his little to prune-how much an old tree can sand pounds to the acre, worth five hun- fevered hand in yours, and tell him bear. I am satisfied that February and dred dollars; in other words, the one about Gulliver and the Lilliputians, hundred acres yielded a product worth | than to cuff his ears and send him out-

BEET SUGAR .- The Chicago Times reviews at some length the various efforts made in the Western States to produce sugar from beets. Of the most successful experiments the editor says:

During the winter of 1861-62, William mainly dependent on his own labor, he it, but will be glad to receive it." The mysterious package was produced gambling chaps down there, who keep H. Osborn, President of the the Illinois should limit his operations accordingly. It in constant repair, and who are con- Central Railway, and William H. Bel- This error of undertaking too much, and opened. It contained only a crumstantly adding new attractions for us cher, of the Chicago sugar refinery, im- often occasions the waste of many good pled, worn and somewhat soiled scrap country Jakes. Let us be thankful. As ported from Europe several pounds of things, the value of which, in the aggre- of paper, apparently a piece of postmarked letter, which read as follows: the Mussulman told his son, when he best seeds of the best sugar-producing gate, would amount to a good profit on pointed out to him the Parisian dandy, varieties, which they distributed gratu- the whole capital invested in the farm, "July 1, 1806." "My son, fear God and keep his com- itously among the farmers of the North- if the waste were avoided. For want of RICHARD FELTON. mandments, or you may come to look west, with a view of encouraging its means, the farmer is often obliged to IGAIN A STATE Circleton. like that!" culture and ascertaining the adaptabili- sell at low prices, and at unfavorable "I THOUGHT I WOULDN'T

TRANSPLANTING AT NIGHT .-- A friend, in whose power of observation says the Working Farmer, we have confidence, and who is an exact experimenter, informs us that last spring and summer he made the following experiment: 33331-0E1

He transplanted ten cherry-trees while in blossom, commencing at four o'clock in the afternoon, and transplanting one each hour until one in the morning. Those transplanted during daylight shed their blossoms, producing little or no fruit, while those planted during the darker portions maintained their conditions fully. He did the same with ten dwarf pear trees after the fruit was one-third grown. Those transplanted during the day shed their fruit, those transplanted during the night perfected their crop, and showed no injury from having been removed. With each of these trees he removed some earth with the roots. out bornson guivall

A MISTARE OFTEN MADE .-- A mistake not unfrequently made by farmers. is that of undertaking more than their capital will warrant. Profit depends more on thoroughness and quality of cultivation than on the quantity of land put under tillage. If a man has a large capital, can employ a strong force, and has the capacity and industry to direct extensive operations, he can cultivate a large farm, perhaps, to a profit. But if he has only a small capital, and is