

THE NOBLE FARMER.

"Agriculture is the most healthy, the most useful, the most noble employment of man."-GEORGE WASH-INGTON.

What hero from the battle strife, With palms of victory crown'd, Fame's clarion-music in his ear From earth's remotest bound; What ruler o'er a nat.on's love In majesty sublime. The first the greatest in the realm, A king in freedom's clime, Returns to rural hunts to watch His ripning green-fields wave? A blessed gladness in his heart That glory never gave.

Who, 'mid his acres broad and green, Where plowshares break the sod, Prefers in sylvan toils to walk With Nature and with God? There was but one who thus retired From conquests, love and pride, For which Ambition hath so oft In madness striven and died. There was but one-dost ask his name? 'Neath fair Italy's sky Go find Cincinnatus' tomb, And heed its answering sigh!

Cheese Making.

The following article on cheese making prepared by a gentleman of California, published in the Sacramento Union, is worthy of the perusal of many of those engaged in that business in this Territory, and if some of them will follow the instructions therein set forth, they will furnish a better article of cheese for market than heretofore:

ant position among the agricultural products cutting or breaking the curd, nor as to how asked how I could keep them through the Maple, Elder, Ash, Buttonball, Butternut, of this State, it is probable that a condensa- long that operation should take. The break- summer and have them of so fine flavor: tion of the various reports on the subject of ing should commence "after the milk has | Recipe For Curing Hams. To one gallon deciduous trees will most probably answer

of Steele Brothers; G. P. Laird & Brother; not to adhere to the fingers." To which and pack them closely in your cask. Sprinkle evergreens will not thrive well, when exposed John Q. Stevens. But one of these from the Stevens, that whey should always be clear and | weight and pour on the brine immediately, | and plantations, of deciduous forest trees are season, three died, and seventy-one were left eration of small lumps, each with a particle the salt as to leave the brine so weak it may are well established. to raise their own calves, and forty-eight were of whey fast within it, and each lump so sour. It would be well to take them up after In forming ornamental plantations, the

should be "renneted" as soon as it comes from and the operation is performed with a tin or wire struck through. When the hams are large I purposes. the cow, or else that it and the cream that rises cutter (ten or twelve inches square and divid- take out the flat bone and cut off the round | For planting streets and side walks, road should be heated to about the same tempera- ed into half or three-quarter inch meshes) socket bone with a chisel, leaving always the sides and avenues; the Box Elder, Maple, Butture as it is when it leaves the udder, say made for the purpose, or with the hand, or large bone. With care I never have failed to tonball, Locust, etc., will most probably anninety-two to ninety-five degrees; and heat with both cutter and hand. applied should never be less than eighty-eight | Now, after the whey is all out, and before | How to Make a Smoke-House. - Having such plantations could be so managed that and seldom over one hundred degrees, except- the curd commences to sour, comes the process given you my method for curing and keeping a long line be planted of one kind—this has ing only under peculiar circumstances. The of cooking or scalding, the principal art in hams, let me add my plan for a smoke-house. in many places in the States been carried greater the degree of heat the sooner the curd which is to raise the heat very gradually, No farmer should be without a good smoke- out to an admirable effect, particularly with comes, but there is danger that it will mature until you see but few, if any, smooth lumps in house, and such a one as will be fire-proof and the different varieties of Maple, Locust and too fast-so fast that it cannot be cleaned of the curd, and when, if it is pressed down in tolerably secure from thieves. Fifty hams other varieties adapted to the location. the whey, and that the whey will be milky the vat or taken between the teeth, it will can be smoked at one time in a smoke-house The mingling of fruit and forest trees toand carry off many of the butter globules with "squeak," and if compressed in the hand, and it seven by eight feet square. Mine is six by gether in order to give shelter and encourage it, and greatly diminish the richness of the suddenly opened, the curd will spring elasticly, seven, and is large enough for most farmers. the healthy growth of good varieties of fruit cheese-as to quote Mr. Stevens: "Experience in the manner of a new piece of silk, or simi- I first dug all the ground out below where the around houses, will most probably be a good has proven that if the milk is set below eighty | lar substance, held in the same way. It sel- frost would reach, and filled it up to the sur- system to adopt. The lone tree and those degrees the whey will be white, and a great dom takes more than half an hour to cook curd face with small stones. On this I laid my that are planted a distance apart never make deal of oily particles will pass off with it, and sufficiently, and the heat may range from brick floor, in lime mortar. The walls are much progress in this country when much exthe same effect follows a temperature much minety-five degrees in cold, to one hundred brick, eight inches thick and seven feet high, posed, and as shelter is so essential, the system above blood heat." The whey should become and twenty in warm weather. Steeles apply with a floor on one side two feet wide. The of close planting may be adopted, until the clear like water.

a large market they buy them in a dry state, cloth. pounds." This discrepancy, we assume, could the five dairies reported average two pounds dollars.

| a better variety is determined upon to take scarcely exist if they were all carefully pre- ten ounces. The Steeles, Lairds and Hutchinscarcely exist if they were all carefully pre- ten ounces. The Steeles, Lairds and Hutchin- pared, at home. Hancocks do not use salt on son & Greene break the curd and mix in the A Prolific Graps-Vine. — A poor woman in the this precaution, many bearing trees have been cloth without water, and then dry them on comfortably; the Hancocks stir the salt in one grape-vine. This bore, in 1857 five thou- better than the seedling stock, at the expense stretchers. For use, they put to each three immediately after scalding, and Stevens does sand bunches of grapes-each bunch weighing of the loss of fruit to the owner for two or

hard when taken out. After this they are re- ly to force them out of the cheese. salted and dried again for second use, but are Having now got our cheese to press, we never so good or strong as at first. Mr. have only room left to say that it may stay Stevens says he makes enough of the liquor at there from twenty-four to forty-eight hours; one time to last him the whole season, and that all the reports agree that annatto boiled keeps it in a cool place, in a stone jar.

and clean, and the other pure and strong, but other insects. all agree that there is sufficient variation in parcels are apparently made precisely alike, to render it absolutely necessary to test, by experimenting on a small quantity of milk, York, in a communication to the Rural New Trees are also necessary, and claim the the strength of each making, before using it in the cheese vat, or otherwise there would be error or a disappointment.

are using are no exception to the rule. The crack and the flies get in. Steels have a very good and economical one. For a number of years I have adopted a "Plant trees and they will grow while you cook their curd by heating water and then | Hams should always be well cured before | It will be well for nurserymen, and those

taining as much salt as it will dissolve, is put not only that the cloths are likely to stick, but for each rennet, letting them stand in it a few also the buttery particles, being fluid from the A days, rubbing them daily, and wringing them heat, the power of the press will be more like-

MANAMAMAMAMA

Alexander Brooks, of Tioga county, New strong currents of sweeping winds. Yorker, in 1859, on keeping hams, says:

great danger of spoiling the curd. Therefore, I tried keeping hams and shoulders in salt, atmosphere to a more healthy, pure state, we conc ude that Mr. Stevens' plan of making and also in grain, but they would dissolve the (particularly in cities) by inhaling the supera large quantity at once should probably salt or mould in the grain. I then tried keep- abundant portion of impure gases, and giving have the preference, as with the strength of ing them in pounded charcoal with no better out pure gases more congenial to the constituyour rennet liquor once known, and with a effect. I next tried dry ashes, but unless the tion. To this may also be added, that ornathermometer (another absolute necessity) in hams were very dry when put up they would mental trees and plantations give a fine feature the milk, there is scarcely a possibility of an taste of the ashes. I then tried sewing them to the improvement of the surrouding country, Almost every cheesemaker has some pecu- several times over, as I had seen them in that of the onward progress and refinement of the liarity about his vat and each thinks his own condition in market; but they did not keep people, while the lone house has no claim on is the best, and our friends whose reports we well-would either mould or the lime would his attention, and marks an isolated spot

It is a tin vat so set in a wooden one that a new method and never failed to keep them are sleeping," was the just and elegant expresliquid will flow under and around it, and the sweet and free from mould or flies. I prepare sion of Sir Walter Scott, and there is no place milk is heated by pouring water between the a sack for each ham. A yard square of good the remark can be better applied, than in this two. Stevens also has similar vats, except sheeting is sufficient for a good sized ham. country where the eye scans over miles of that his outside or wooden one stands on legs After the hams are smoked, and before any mountainous fields and valleys without a and "has a sheet iron bottom, with another flies have infected them, I put them up, one in grove or plantation to relieve the mind from similar piece of metal fastened on in a half a sack. I take sweet hay, and cut it (in a sameness or give a variety or freshness to the circle, with a door at one end and a pipe at cutting-box) about one inch long, and fill in distant scenery. the other, forming a sort of furnace, in which the sack and around the ham, so that the ham To accomplish the desired end, of successel before it has time to cool from the cow," to escape so they will not mould. for final transplanting.

putting the card into it folded in cloths. I have seen several good interested in raising young trees, to import There did not appear to be any difference of recipes in the Rural for curing hams. The the seed of different varieties of hardy forest As cheese is beginning to assume an import- opinion about the proper time to commence following is my method, and I have often been trees from the States, for this purpose. The

cheese-making contained in the last published begun to coagulate," and "the whey shows a of water take one and a half pounds of good a good purpose. The different varieties of volume of "Transactions of the California disposition to segregate," and begins to make salt, one half pound of sugar, and half an evergreens as the Pine, Hemlock, Spruce and State Agricultural Society" will be both useful its appearance around the edge of the vat," ounce saltpeter-to be increased in this ratio other evergreens will also most probably, in and interesting to many of our readers. and the curd has become "tough enough not to any quantity required to cover the hams. time, form a part in ornamental plantations, The reports in the book are from the dairies to whiten the whey," and "sufficiently solid As soon as your pork is cold cut out the hams although at the first beginning, it is likely that Hutchinson & Greene; Hancock Brothers, and directions may be added the further one of Mr. | each layer lightly with fine salt-put on a too much to the sun, etc., but so soon as groves Messrs. Steele Brothers, of Punta Reyes, give not white like milk; butter globules should not and before the juice of the ham has escaped. established, the evergreens may then be any statistics in regard to the number of their be floating on the top of it; nor should infini- It will require from four to six weeks for the mingled in such groups to good advantage. stock and the quantity of cheese made. They tesimal particles of curd be, to any consider- salt to strike through, according to the size of The native forest trees, as the Box Elder, keep hams sweet.

one hundred and three in Winter and one door should be made of wood and lined with trees become too thick when those of an infe-All the parties use calf's rennet to set their hundred and ten in Summer; Lairds, from one sheet iron. For the top I put on joice two by rior quality may be cut down for fire wood. curd, but there is considerable diversity of hundred and four to one hundred and ten; four, set up edgewise and eight and a half To accomplish this end, native plums, peachopinion in regard to the proper manner of pre- Hutchinson & Greene use only ninety-six de- inches from center to center, covered with es, the different varieties of mulberries, may paring it. The Steels and Lairds first fill the grees; Hancocks, one hundred and ten; and brick, and put on a heavy coat of mortar. I be mingled with good varieties of grafted fruit rennets with salt; and then pack them with Stevens, from one hundred and ten in moderate built a small chimney on the top in the center, to serve for a present supply of fruit, until the more salt in air tight cans, until a day or two to one hundred and twenty in very warm arching it over and covering it with a shingle better varieties are in a bearing state, when before they are wanted for use, when a can is weather. After this cooking the whey is roof in the usual way. An arch should be a thinning out may be done as before hinted. opened and the rennets cleaned with as little drained off, either by raising one end of the built on the outside, with a small iron door to Seedling apples, apricots, pears, peach and water as possible, and then put into a keg of vat and opening a gate at the other, or else by shut it up, similar to a stove door, with a hole plum trees may be planted in groups among cold water. Hutchison & Green do not give dipping the curd on to a cross-bar frame, with from the arch through the wall of the smoke- grafted trees, and such trees may be grafted their method of keeping (probably being near small interstices covered by cotton or grass house and an iron grate over it. This arch is at convenient seasons, to form a good collecmuch more convenient and better to put the tion. A few scattering trees, of the Buffalo as wanted,) but when preparing, they soak The breaking up and salting of the curd fire in than to build a fire inside the smoke- berry, Hawthorn, Service berries, etc., may each one forty-eight hours in two quarts of follows next, and here we find more discrep- house, and the chimney causes a draft through be planted to give a sprinkling of native fruit, wine, and then bottle the liquor for use. These ancy than in any other part of the manufac- into the smoke-house. Good corn cobs or until the better kinds are in bearing. gentiemen say that "a good rennet will make ture. The Lairds use three and a half pounds hickory wood are the best materials to make In a new country like Utah, it is a good from three to four hundred pounds of cheese, of salt to each hundred pounds of curd, whilst a smoke for ham. The cost of such a smoke- policy to cultivate such kinds of fruit as come whereas a poor one will not make over fifty Stevens use but one and a quarter pounds, and house as I have described is about twenty into bearing in a short time, and retain it until

their fresh rennets, but clean them with a salt as soon as it is cool enough to handle county of Santa Barbara, California, has but headed down and grafted with varieties no pints of a saturated solution of salt and water. not touch it until it is perfectly cold. All, over a pound-yielding her the handsome sum three years. Stevens has a still different method. He however, agree that after it is salted it should of four thousand dollars. When a girl, on It is unquestionably the desire of every person In preparing for use, a gallon of water con- doubtful propriety, being open to the objections after the laps of seven years such is the result. dispense with fruit altogether,

[For the Deseret News. TREATISE ON HORTICULTURE.

BY EDWARD SAYERS.

PLANTING ORNAMENTAL, FOREST AND FRUIT TREES.

The planting ornamental trees around our in ley is used to too great an extent, to give dwellings, in the street, by the way side, and As each of these dairies is noted for its good skimmed-milk and other poor cheese a rich for shelter for cattle in the pastures is most cheese, it seems that it makes but little differ- yellow color; and that red pepper boiled in the esentially necessary; this kind of improvement ence how the rennet is preserved, or what butter or oil found floating on the whey, is the is also of the greatest importance to the culture particular mode is adopted to prepare the best thing to use on the rind to polish it and of fruit trees, which are often much injured liquor from it, so that the one is kept sound render it impervious to the assults of flies and by the cold cutting winds, early in the spring, when the trees are in blossom; and by such cold blasts a crop of fruit is often lost which the strength of the liquor, even when two Curing, Smoking, and Keeping Hams. might be saved under the more genial protection of ornamental trees to break off the

attention of every intelligent person for their special use of modifying the surrounding up in coarse cloth and white washing them and are a sure guide to the intelligent traveler, devoid of congenial association.

a little dry wood soon produces the necessary cannot touch the bag. Tie a cord around the fully planting ornamental trees, it will be heat." The Lairds use steam, and have open end and hang them up in the smoke- necessary that young seedling trees are raised perforated steam boxes the length of the vat, house or some cool, dry place, and they can in nursery rows, and transplanted out the whilst the Hancocks, who "do not warm the be kept any length of time; the bag and hay following seasons, in rows from 2 to 3 feet milk at any season because the rennet is add- will keep away the flies and allow the moisture apart, in order to make good, handsome plants

wild Black Cherry, Chesnut, Lime and other

bad during the year 1859 two hundred and able extent, suspended like insects through it; the hams. It will be necessary, perhaps, to Maple and Cottonwood and other hardy variesixty-one cows calved; of these one hundred nor, on the other hand, should the curd be allow- add a little salt on top of the hams; sometimes, ties, will answer a good end to plant in groves and sixty-three were milked through the ed to get so far the start as to become a conglom- if they are very large, they absorb so much of to shelter better varieties until the young trees

brought up otherwise, making one hundred and seperate and distinct from any other that to they have been in a week or two, and examine planters should have an eye to the future as nineteen calves raised. The dairy work re- get the whey out each must be broken by them, and if necessary add a little more salt. well as the present. In the first place, no quired the labor of nine men at wages averag- itself. The cutting and breaking necessarily Great care should be taken not to salt too tree can be considered as ornamental but such ing \$27 per month. The produce was 59,887 takes an indefinite period, as all the whey much, as by doing so you lose the flavor of the trees as will be adapted to the climate and pounds of cheese, yielding \$14,931 77, or with- must be gotten out, and with as little friction ham, and but just enough should be used to location, and form a healthy and free growin a fraction of 25 cents per pound; \$712 41 as possible on the curd, and before the latter keep them. As the ham absorbs the salt from ing tree. The second consideration should be, worth of butter, and \$841 50 worth of hogs. | becomes sour-from three quarters of an hour | the brine it should be fed by adding a little | that the trees planted will serve some useful The reports are unanimous that the milk to an hour and a half is the usual time required; salt on the top, and the hams should be well end, as timber, fire wood, and other useful

swer the best purpose, and it will be well if

prefers rennets from calves only four or five be put to press as soon as possible after it is leaving Monterey for her present home, she to have good fruit, but it is much better to have days old-(who eats the veal?)-and salts and | cold-some of them even commencing to press | picked up a vine cutting to drive her mule. | rather inferior varieties for a while, until the dries them without any scraping or washing. before it is cold; though this seems to be of This cutting she planted on her arrival, and good varieties are in a bearing state, than to