Agriculture.

USE OF WIND-BREAKS.

Belts of trees-deciduous and evergreen -will break off the wind from a large tract of land, and render the local climate comparatively mild and equable. The effects of a screen of evergreens, particularly in breaking off the wind from houses and grounds, and in modifying the cold of winter, is far greater than one supposes who has had no experience in this matter. It is said by those who have made the experiment, that the expense of planting such trees about a house is soon covered by the saving of fuel occasioned by the shelter they afford. Such belts may not break off all the winds that blow, but they will soften their asperity, and apparently mitigate their coldness.

Experiments of this kind have been tried on sea-shores, and with success. A recent traveller speaks of a certain district in England, on the cliffs of the German Ocean, which had formerly been a bleak, sterile promontory, but is now a beautiful and productive garden. And this transformation was effected by building on the exposed sides, first a "strong high fence of furze bundles or brushwood, and then planting inside of this a thick screen of trees." These trees consisted chiefly of the Norfolk black willow, Scotch elm,larch, and ash: and of evergreens, the Pinus pinaster and Scotch pine. These trees were fringed with such shrubs as the snowberry, alder and barberry.

In visiting several fruit-orchards near Cayuga Lake, last summer, we noticed that two of the very best were shielded on the north and west sides by screens of Norway spruce. A single row of these trees answered the purpose, and they were set out the same year that the orchards were planted.-The American arbor-vitæ (the common white cedar) and the hemlock spruce, would answer an excellent purpose as wind-breaks, the only objection to the latter being the difficulty of transplanting

But enough has been said to illustrate the importance of shelter, and to suggest some of the means by which such protection may be secured. We need it at all seasons of the year, but especially in winter. We need it for the comfort and pleasantness of our homes, for the comfort and health of our labourers and of our domestic animals, and for the complete success of our attempts to cultivate well the earth .- Hearth and

A CHEAP FARM GATE.

Take six pieces of stuff ten feet long, four inches wide, and one inch thick; lay these down on a level piece on the ground, leaving your first bottom space two and three quarter inches wide, the next three inches, the next three and a half inches, the next five and a half inches, and the next, or top space, nine and a half inches wide; then take the same kind of material and nail across the ends with annealed nails; then nail on a cross brace from the upper to the lower corner, also with annealed nails, so that it will fit neatly inside of your end pieces. Now turn your gate over, and nail similar upright pieces across the ends, even with the ones on the opposite side, and one upright piece midway between the ends. This latter is far preferable to putting on a diagonal brace on that side. In such a gate there is no morticing, and, for the weight of it, it is far stronger than any morticed gate that can be made.

A FAMILY COW.

A writer who says his cow gives all the milk that is wanted in a family of eight persons, and from which was made two hundred and sixty pounds of butter in the year, gives the following as his treatment. He says: "If you desire to get a large yield of milk, give your cow, three times a day, water slightly warm, slightly salted, in which bran has been stirred, at the rate of one quart to two gallons of water. You will find, if you have not found this by daily practice, that your cow will gain twenty-five per cent immediately under the to the diet as to refuse to drink clear water unless very thirsty; but this mess she will drink almost any time, and ask for more.

Has already been expended upon this road from Stock Subscriptions and Donations. The Company are entirely free from debt. We unhesitatingly recommend them, and will furnish pamphiets, maps, and all information. drink almost any time, and ask for more. The amount of this drink is an ordinary water-pail full each time-morning, noon, and night."

Be slow to choose a friend, and slower to change him; be courteous to all.

MESSENGER ALMANACK.

October, 1870.

First Quarter, October 1st, 5h, 5m, afternoon,

First Qu Full Mod Last Qua New Mod First Qu	on, orter,	11	9 17 24 31	th, 9h. th, 1h. 1th, 11h 1st, 3h.	28m. 1 59m. 8 1. 21m. 47m.	norning. ifternoon. morning. morning.
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1 Sa. 2 SU. 3 M. 4 Tu. 5 W. 6 Ih. 7 F. 8 Sa. 9 SU. 10 M. 11 Tu. 12 W. 13 Th. 14 F. 15 Sa. 16 SU. 17 M. 18 Tu. 19 W. 20 Th. 21 F. 22 Sa. 23 SU. 24 M. 25 Tu. 26 W. 27 Ih. 28 F. 29 SU. 30 SU. 31 M. 32 Su. 33 SU. 34 M. 35 Su. 36 Su. 37 Su. 38 Su. 39 Su. 30 Su. 31 Su. 32 Su. 33 Su. 34 Su. 35 Su. 36 Su. 37 Su. 38 Su. 38 Su. 39 Su. 30 Su. 31 Su. 32 Su. 33 Su. 34 Su. 35 Su. 36 Su. 37 Su. 38 Su	6 2 4 6 6 6 6 7 6 9 6 10 6 11 6 12 6 14 6 15 6 16 6 22 6 24 6 26 30 6 31 6 33 6 34 6 35 6 36 40 6 41	5 37 5 35 5 33 5 31 5 29 5 27 5 26 5 22 5 22 5 15 5 15 5 15 5 16 6 4 6 4 6 4 6 5 6 4 6 5 6 4 6 6 6 4 6 6 6 6 6 7 6 7 6 7 6 7 6 7 6 7	1 32 2 29 3 15 3 54 4 25 4 52 5 11 5 41 6 28 6 53 7 21 7 54 8 31 9 14 10 6 11 3 morn 0 7 1 16 2 28 3 42 4 58 6 16 7 36 8 55 10 12 11 22 A. 23 1 15 1 56	5 56 6 53 7 47 8 38 9 26 10 11 10 55 11 37 morn. 0 19 1 1 1 43 2 28 3 14 4 2 4 51 5 43 6 35 7 27 8 20 9 12 10 4 10 57 11 51 A. 48 1 46 2 46 3 46 4 45 5 42 6 35	10 19 11 17 morn 0 19 1 22 2 26 3 29 4 39 5 32 6 34 7 34 8 33 9 35 10 34 11 33 A. 28 1 20 2 6 2 47 3 24 3 56 4 26 4 56 5 26 6 0 6 37 7 20 8 10 9 7 10 9 11 13	11 49 morning 0 62 2 12 3 45 5 6 6 0 6 44 7 21 7 54 8 22 8 54 9 23 9 52 10 24 10 58 11 40 A. 32 1 53 3 19 4 38 5 37 6 22 7 6 8 45 8 30 9 13 9 56 10 44 11 34 morning

THE TIDES .- The column of the Moon's Southing gives the time of high water at Pairsboro', Cornwallis, Horton, Hantsport, Windsor, Newport, and

High water at Pictou and Cape Tormentine 2 hours and 30 minutes later than at Halifax. At Annapolis, St. John, N. B., and Portland Maine, 3 hours and 44 minutes later, and at St. John's, Newfoundland, 1 hour earlier, than at Halifax.

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Amaurosis, or Loss of Vision, Chorea, or St Vitus'
ceance, Sluggishness of the Liver, Interrupted and
eble Action of the Heart, Suffocating Feelings
caused by mucous obstructions of the Lungs and Air
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