

on mustard in, they may retain the proper shape for their winter's repose. It should be observed that *white* mustard alone should be sown. The *black* sort can hardly ever be exterminated, for which reason most landlords in England forbid its growth. I have known a vicious tenant anxious to spite the proprietor of his farm, where no such covenant existed, sow the whole of his out going shift with this troublesome crop—profitable enough to him, but the farm lay without a tenant for some years afterwards. In my next I hope to notice the different root crops that are grown here on the fallow shift, and to say a few words on the *bastard*, or *ray* fallow.

ARTHUR R. JENNER FUST.

### Feeding the hay crop.

The following advice taken from the *American Cultivator*, applies to Quebec as well as to the New England states.

Then, better than this is the feeding of the hay crop, or a large portion of it at least, on the home farms of New England. Not perhaps the making of beef, but the manufacture of dairy products of the first class, and the keeping of large numbers of sheep for mutton as the prime, and wool as the secondary object. Taking Maine as a representative State of eastern New England, for it has special advantages for sheep husbandry, if it had today as many sheep per acre of improved land as France it would have more than four millions instead of 434,000; if as many as England, it would have very nearly ten millions. And though New England may not compete with the West in the matter of beef production, it should be supreme in that of mutton growing, for the home market first, and then for the foreign market. And there are possibilities in butter and cheese making, the production of apples for exportation (for our apples are better flavored and bear shipment better than the

apples of the West) and in sheep husbandry, for the redemption of New England agriculture.

Once more, is it too much to expect for the beet-sugar industry that it will be the salvation of the agriculture of old New England? We think not. We have no purpose now to give statistics on this matter. It has been stated over and over again—the enormous quantities of sugar imported into our country, for which gold has to be paid. In New England are found the same general conditions for growing the sugar beets as are found in North Germany; the beets grown here yield richly of sugar, and there can be no question of the success of this industry, provided beets are grown. A new factory for the manufacture of beet sugar has been built at Portland this season, provided with the most approved machinery from Germany, and it is to be started in the present week, under the most encouraging prospects. From every part of Maine the reports from the beet fields indicate that the yield will be an average of fully twenty tons to the acre. In no feature can this enterprise prove a failure, provided sufficient beets are grown; and the growing cannot prove a failure, provided farmers make a point of consuming the pulp by feeding it to farm animals. Men have been found with sufficient faith in this business to build the factory, if farmers will now grow the beets this industry is sure to extend and embrace other sections of New England and the East, until our agriculture is once more put upon a solid basis, and our own country becomes independent of foreign made sugar. And just as the West is coming to the front as the producer of wheat and beef for the world, leaving New England agriculture sadly at a disadvantage in comparison, the beet sugar industry appears as the size of a man's hand in the eastern horizon, and it is to increase (whatever temporary defeats await it) until it reaches gigantic proportions, and saves New England agriculture to our country.

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