

two inches thick. This process may reduce the sugar one-fifth, but will add correspondingly to the molasses.

#### Canada Thistles.

Of all the expedients which has been recommended to destroy this troublesome and prolific plant, the following has been found to be the most effectual, as the result is in perfect consonance with the laws of vegetation. The method is, to plough and plant the field where they have obtained a footing with corn, and to go over the field twice a week, as soon as the thistles appear, and carefully cut every one with a hoe, as far under the surface as practicable. In August, they begin to become thin and scattering, and appear of a sickly yellowish hue. The operation may be continued till October. In September the roots will be found on examination, in a state of decay, and of a blackish color. Leaves are as necessary to the growth and being of a plant as lungs are to an animal. Plants cannot grow without the agency of leaves; for it is in these that the food of the vegetable is elaborated, and fitted for its wants. Trees are often killed by caterpillars that destroy the leaves, when the sap is in free circulation, and the plant most in need of their active offices. The ascending sap becomes stagnant, ferments, and destroys the vitality of the plant. Thus with the thistles, by constantly destroying the leaves, before they elaborate, the food collected by the roots, although very tenacious of life, the roots die for want of nourishment. When the thistles are confined to a small patch, a pile of manure left on them a few weeks will effectually destroy them, as will any other covering which excludes the light and air wholly from the leaves.

#### Things which we Want.

WE want more public, and less party spirit—more devotedness to the state, and the interests of the people at large, and less to local interest, individual cupidity, and personal aggrandizement.

We want, for our boys who are destined to till the earth, scientific and industrial schools, that they may acquire, simultaneously, and in the scholastic period of life, a knowledge of the best practices in farming, and of the principles upon which it can now alone be safely and judiciously conducted.

We want more practical business men in our legislative halls as well as upon our farms—men of sound judgment and independent bearing—and who, though they do not talk as much, can think and act as correctly and as promptly, as professional talkers;