

roses when there is a good protection of snow on the ground. The Brinkle's Orange berry is considered to be one of the most delicate flavored of fruits, and is highly remunerative when it does well, the berries selling readily for twenty cents per quart; it requires, however, a convenient market, as it is too soft to carry far. The reds also suffered more or less, and even the Philadelphia was a good deal frost-bitten.

The action of the frost downwards as well as upwards is very peculiar, and it may not be uninteresting to mention a curious fact, which may account for some of the oddities of the vegetable nature. At the end of last August, Mr. Greenfield, of this city, had a Transcendant Crab tree which was apparently in the last stages of existence; in order that he might ascertain the cause of its coming end, he set himself to work to remove the soil very carefully, so as to get at the root of the evil and the roots of his tree at the same time. He was much astonished to find that the severe frost, which almost every one has observed to heave fence-posts, &c., had heaved his tree, and had broken off the small roots or spongioles, so that the tree was unable to assimilate its food, and, like a starving man, died of inanition. This examination has to my mind let in a flood of light on those diseases called "blight," and I feel certain a number of trees might be annually saved from a premature death by the application of a heavy mulch. It also shews conclusively how it is that all trees pass through the severest winters when there is a large amount of snow fall, especially if that snow remains on the ground well into spring. A heavy coating of the "beautiful snow" when it comes early, not only keeps the frost from entering the ground, but should the soil be frozen before it arrives, it keeps more from taking effect; and the warmth of mother earth or the capillary attraction which draws the water from below towards the surface, which is constantly going on, keeps continually reducing the crust from the underneath side, and when spring appears little or no frost is to be found. I have seen a fall of two inches of snow protect ground from six degrees below zero of frost; so that a pliant cane walking-stick could be readily thrust into the earth. There is at the time of writing four feet of snow on the level about here, and there has been good snow roads since the middle of November, consequently if we have anything like an ordinary spring, we anticipate a first class yield of fruits, especially of the strawberry, next season.