

takes the disease, and finally perishes; and that the seeds of the diseased trees produce young trees in which the yellows sooner or later breaks out."

There are two or three infallible indications of the existence of the yellows in a peach tree, and among these may be mentioned,

(1) *The premature ripening of the fruit.* This will be the first observable symptom, and should the tree survive for two or three years, each recurring season will witness a still earlier time of maturity. This symptom may be to a certain extent counterfeited by the work of the larva of *Ageria exitiosa*, which girdles the tree just below the surface of the ground, and which also may prove the death of it. But to the experienced cultivator the next symptom will be unmistakable, viz:

(2) *The spotted fruit.* Whether naturally yellow or purple, the fruit of such trees as are affected with the yellows is invariably dotted with purplish red spots; while the flesh is highly colored about the pit. Such fruit is sometimes shipped into our country in large quantities to be sold to the uninitiated, and the people of our towns and cities should be on their guard against it, for it is insipid and worthless. There is one more symptom which may be depended upon as unfailing, and that is

(3) *The appearance along the branches of long slender shoots, bearing small narrow leaves.* These leaves are usually of a yellowish color, from which characteristic we have the name of the disease.

Among the measures to be adopted by peach growers to prevent the spread of the yellows, we may mention, (1) *the use of the greatest caution in the purchase of both pits and trees.* Not only should the pits of natural trees be chosen for propagating, as possessing most health and vitality, but they should be gathered from trees that are themselves vigorous and healthy, lest a deterioration be setting in which may prove to be the beginning of troubles. By all means should pits be avoided by the planter that have been grown in districts where the yellows are known to prevail; and surely the ominous words sometimes seen in advertisements of pits for sale, viz, "Warranted free from the yellows," should be warning enough to lead the buyer to make sure in this matter.

As for the trees themselves, since they do not exhibit any indication of disease until sometime planted, the buyer needs to enquire carefully into their nativity, and he must not buy from those sections