

## and Pear Blight.

(Sentinal Farms Note.)

Apple and pear is a specific disease. Some varieties are more susceptible to this than others. There are three places where blight commonly attacks, blossoms, twigs and larger limbs. The names blossom-blight and body-blight are commonly used but it should be noted that these are different forms of the same disease. The cause of blight grows as a fungus in the inner bark tissue and kill individual bacteria are too small to be seen by the unaided eye. They are present by millions in the winter at the edge of the wound on the limbs and trunk. Weather comes in the spring and to the extent that the small drops near the edge of the wound is at this point that the destruction begins.

Other insects are attracted and after their bodies have decayed with it they carry the place to place. In this way bacteria in the blossoms and a few days later the leaves and turn black. In a few other insects in their mouth a few bacteria into the wound and there twig blight is could be avoided by the use of sprays and the cankers ooze comes were eradicated in winter. The cankers are slightly sunken areas of bark separated from healthy tissue by a definite crack. By cutting out it will be found that the wood is brown. To remove the canker a spindle-shaped cut with a sharp knife, always keeping the cut at least a half inch from the edge of the canker. The cut are brought to a sharp point to facilitate healing. After this has been made just deep enough to reach the wood, the adhering shreds of bark are removed and the wood is advisable to wash the wound with a corrosive sublimate solution (a pint of water) which is poured in a glass bottle and sponge. Although canker is very important there are other infections in the spring that need attention. Badly infected trees should be cut down and burned. Apple trees and hawthorns should be cut and they should be in the vicinity of the orchard. It is taken also that any twigs that lighted the past season are cut away as they are evident during the fact that the dead leaves are brown. All suckers or water sprouts should be removed several times a season. The operations must be carried out thoroughly to be gained from them. To reduce the chances of infection the next spring if they are any warm weather occurs. Spring and early summer the make careful inspections of the trees a week walking down the rows breaking off the spurs. Spurs should be broken or cut off below the evident canker. If cut with a tool the end should be swabbed with corrosive sublimate. All these control measures require care and time, but reducing the blight to a minimum. H. Rankin, Plant Pathologist.

read somewhere of an old man whose wit was edged with a sharp edge one morning he met at her door whose husband was

her husband this morning, "you've made a mistake!" he asked, solicitously. "No!" she said. "The doctor said you've made a mistake!"

temperature could never be as high as a hundred and fifty—at least, she added, as an afterthought.

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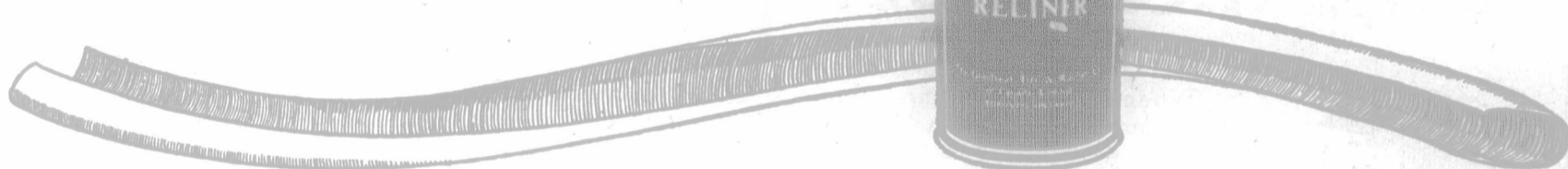
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