

CLIMATIC INJURIES.

BY E. HUTCHERSON.

"In taking up the question of the prospects of the fruit crop of 1893, and damage done by frost last winter, from my observations in the district, so far, no extensive damage has been done, as far as killing of trees is concerned, with the exception of peaches. Some are killed outright, while others, though greatly damaged, may recover. As to the fruit crop, it is too early at the present time to speak authoritatively on the subject. There are three principal causes of fruit failures :

1. Injury to buds during winter or dormant season.
2. Continued rains, and damp weather during blossoming period, thereby preventing bees, flies and insects from doing the work of fertilization.
3. Frost, or continued cold, blasting winds, during setting season, that is just after the blossom has fallen to the ground.

Now supposing the crop is a failure, how can one prove positively to which of the three causes the failure is due ; it may be one, or it may be owing to the whole three combined. So you will readily understand the reason why as yet it is impossible to predict the future outcome of the fruit crop.

In taking up the first clause, injury done buds during winter or dormant season, it is safe to say that peaches, Bartlett pears and apricots will be a short crop ; apples, plums, prunes and cherries are showing good, strong, healthy buds, in large quantities, most trees being completely covered with blossom buds. We have every reason to expect a full crop of the last named fruits.

Small fruits, currants, gooseberries, blackberries and strawberries are showing well, with every prospect of large returns."

Mr. Cunningham expected a good report of Bartlett pears, having formed his opinion from reports from different parts of the Province.

Mr. Hutcherson said his information was from personal experience.

Mr. Hutcherson had about 1,000 two-year old Bartlett pear trees killed.

Mr. Latham always thought that Mr. Hutcherson's trees would be short-lived. A few days since he saw in this city some most healthy, well bloomed pear trees.

Mr. Cunningham said his experience conflicted with Mr. Hutcherson's. He always thought a man ran a great risk in planting pear trees on low land : he never had better promise of a crop than at present.

Mr. Henry said his Bartlett pears had been injured by the hard weather worst on low land. At first appearance of sap he feared much more injury

had been done, but several hundred pears but inside wood be

Mr. Mead said them all. Bartlett when you cut the and goes right into

Mr. Cunningham clean and free from

Mr. Earle, Lytle one or two trees. below zero, with the with earth about on

Mr. Bucherat found inside. He had overthought he knew a water, using soap and lons of water, soap brush and the lye for some of the spots and His name was Joseph using lye. Two years missing had been discovered when he missed they

Mr. Mead had Had washed them to Had cut out spots and an equal portion of warm with a brush.

Mr. Hutcherson spot.

Mr. Arthur had

Mr. Cunningham

Mr. Hutcherson the spot readily and

Mr. Thrift confirmed

Mr. J. J. Wilson, found the best cure was