In the Niagara Peninsular Ontion heavy fall rains contributed to high winter mortality of young peach and cherry trees. Loss of trees through crown injury was extensive in poorly drained soils. Otherwise the winter of 1946-46 was favourable for orchard fruits. The minimum temperature of 1950 Francourred in December.

of March 18. Excellent conditions prevailed and growers were able to apply these sprays to good effect. Spring development of the trees was slightly in advance of average. The bloom period for sweet charries, from April 22 to May 4, was fair and moderately cool and no loss from blossom blight occurred; light frosts on April 27-28 caused some browning of the petals, but did not affect the set or development of the fruit.

Sour cherries, peaches, pluns and pears were in bloom April 2d to May list Frost damage was more extensive on sour than on sweet cherries, effecting the set and causing some pitting and malformation especially on Richmond. Stem rot of sour cherries and plums was negligible, a small percentage developing after rain and high humidity on May list

cripally about linear head anotherese well cape delay to their versionals Mature ascospores of Venturia dinaequalis were found on April 9, and a light discharge courred on April 15. The first potential infection period was during the prolonged rain of May 4 when apple bloom was at the full pink stage. The foliage was continually wet for 16 hours but low temperatures of Ac-48 to did not favour scab development. Heavy ascospore discharges, of no importance because of unfavourable moisture relations occurred, one several occasions during bloom. -- On May 15-16, almost occasions continuous rain for 20 hours, with moderate temperatures of 60-629F. allowed abundant infection, which was apparent ten days later. Secondary infections developed Freely in June, foliage seab increasing as mucheas 62% on unsprayed trees and many leaves being completely a overrunt Infection of the fruit was conspicuous at this time especially around the calyxeend, which suggested that it cocurred during the infection tion period of May 15-16 before the protective cally spray was applied. Considerable mid, and late season pin-point infestion developed on the fruit. In partie the granifora force of ance the first for the the factories of

named and a second of sour cherries was of very little importance until a late in the season when a moderate importance descended fails

Late blight of tomatoes developed rapidly and caused severe losses in many plantings during a few days of humid weather in the latter part of August. In some plantings the crop was a total loss. Most severe losses occurred in fields set with southern grown plants. Drier conditions in September checked the spread of the disease.

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due to brown rote at a minimum (G.C. Chamberlain).

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- mary frathering H At Ottawa, Ont., there was permanent snow cover from Nov. 15, but the depth of snow was never more than about 15 in. December was bright and cold with little snow; January was close to average in mean temperature, but was otherwise aproal. The ground cleared quickly in March. temperatures being high almost every day from Mar. 13 when the ground became largely uncovered; a maximum of 78% was recorded on Mar. 284 and the mean temperature for the month was 12° above average. The first and last weeks of April were cool and wet and the first three weeks of May were cool. Consequently the early gain in growth of the same vegetation, was lost a much askin 1945, as the phenological data show. However, there was little damage from late frosts, the most severe being 27°F. on May 3, and planting was not as seriously delayed as in 1945.

A heavy storm gave 3 in of gain on June 17, but otherwise June and July were close to the average in all respects. Late June and mid July were warm and dry, but there was no serious drought. August was cool, cloudy and wet; encouraging many foliage diseases, but spells of warm, dry weather in mid September and early Optober aided harvesting of late crops. From Oct. 10 onward the fall was decidedly wet (D.B.O. Savile). 1949

The main features of the weather in Quebec in 1946 were a rainy and cold spring, a dry and cool summer, and a dry, mild, sunny fall. These conditions resulted in a very low incidence of diseases in most. crops. Seeding was considerably delayed, but the crops matured normally on account of the open falls. The first killing frost occurred Oct. 8. Cereal rusts were virtually absent in some districts and developed late. in all others. Patenting and date 1.5

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enellors on selling Late blight of potatoes was absent in the province except in the Lake St. John district and South Gaspe Co. On tomatoes late blight appeared very laterand the infection was shight throughout the province.

Apple scab was easily controlled at Ste. Anne de la Pocatiere and no ascospore discharge was observed during the whole season in spite of the abundance of perithecia on the leaves (R.O. Lachance).

The summer and early fall were very dry in N.B.; consequently many of the common plant discases were not observed (S.F. Clarkson).

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The spring opened in N.S. with very moist soil, and planting was somewhat delayed on heavy land . April precipitation was above normal; that of May a little below normal. The last ten days of May, and June and July were dry with a total of 4.25 in. in place of a normal of about 7 in. for the period. Crops suffered from drought during July and wilting was apparent even in some apple orchards on light soils. Boron deficient soils caused symptoms to be produced on apples and some root crops. The balance of the season was reasonably favourable for crop production.

Late growth in potato vines created a demand for vine-killing chemicals. No injury or tuber blemish was observed from their use (J.F. Hockey).