

Disease Infection Periods during Spring 2000

Date	Hrs Wet ¹	Average Temp. (°C)	Apple Scab ²	Pear Scab ³	Cherry Leaf Spot ⁴	Grape Powdery Mildew ⁵	Notes
24 Mar							Peach popcorn
5 Apr							Cherry popcorn
11 Apr							Braeburn apple prepink
12 Apr	18	12.0	Med	+/+	Low		
14 Apr	30	9.2	High	+/+	Med		
15 Apr							Rome apple prepink
20 Apr							Grape Bud break
21 Apr	21	9.4	Med	+/+	Low	Severe	
24 Apr	12	8.0	N	-/-	N	Low	
28 Apr	16	8.4	Low	-/-	N	Moderate	
1 May	16	10.4	Low	+/+	N	Moderate	
2 May	10	9.9	-	-/-	N	Low	
4 May	13	8.3	-	-/-	N	Low	
7 May	15	11.5	Low	+/+	Low	Moderate	
9 May	58	7.6	High	+/+	High	Severe	
27 May	10	13.6	Low	-/-	Low	Moderate	
29 May	10	8.7	-	-/-	N	Low	
6 Jun	39	13.7	High	+/+	High	Severe	
11 Jun	34	12.7	High	+/+	High	Severe	
23 Jun							Grape Bloom

1 Wet hours begin with rain and end with 8 hours drying time. Monitored with a Luft Agro-Meteorological station (HP-100); however, calculations for infection period done by hand.

2 High = high infection period, Med = moderate infection period, Low = low infection period, N = no infection period based on an ascospore model.

3 Pear scab infection periods according to Villalta /or Spotts. + = conditions were right for a minimal infection period. - = no infection period identified.

4 High = high infection period, Med = moderate infection period, Low = low infection period, N = no infection period. Infection periods based on model from Michigan. ? = unknown infection period since the model has no information for temperatures below 46° F.

5 Infection periods based on ascospore release and infection from the Gubler-Thomas (UC-Davis) grape powdery mildew forecasting program.