

## Disease Infection Periods during Spring 2001

Date	Hrs Wet <sup>1</sup>	Average Temp. (°C)	Apple Scab <sup>2</sup>	Pear Scab <sup>3</sup>	Cherry Leaf Spot <sup>4</sup>	Grape Powdery Mildew <sup>5</sup>	Notes
15 Mar	58	6.1	High				
23 Mar							Braeburn Pre-Pink
24 Mar	21	10.9	Med	+/+	Low		
27 Mar	40	7.6	High	+/+	Med		
4 Apr							Johnathan Pre-Pink Royal Anne Popcorn
10 Apr	21	6.2	Low	-/-	N		
27 Apr	16	8.3	Low	-/-	N		
30 Apr	13	11.2	Low	+/-	N	Moderate	Grape Bud Break
14 May	50	10.9	High	+/+	High	Severe	
3 Jun	11	9.9	N	-/-	N	Low	
4 Jun	20	10.4	Med	+/+	Low	Severe	
11 Jun	21	10.7	Med	+/+	Low	Severe	
24 Jun	19	9.2	Low	+/+	N	Moderate	
26 Jun	21	15.7	High	+/+	High	Severe	

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.