

Fruit Production Recommendations 2010-2011

Ontario Ministry of Agriculture, Food & Rural Affairs

Chapter 4: Apples

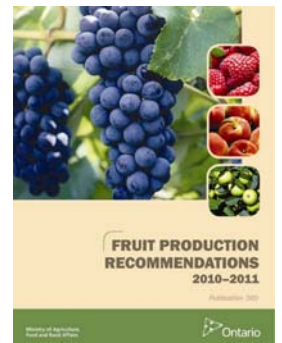


Table 4-12. Relationship of Temperature and Moisture to Apple Scab Infection

Average temp. (°C)	Minimum number of hours of leaf wetness required	
	Primary season (ascospore infection)	Secondary season (conidia infection)
1	40	37
2	34	33
4	27	26
5	21	23
6	18	20
7	15	17
8	13	15
9	12	13
10	11	12
11	9	10
12	8	9
13	8	9
14	7	9
15	7	9
16	6	9
17	6	8
18	6	8
19	6	8
20	6	7
21	6	7

Average temp. (°C)	Minimum number of hours of leaf wetness required	
	Primary season (ascospore infection)	Secondary season (conidia infection)
22	6	7
23	6	8
24	6	9
25	8	11
26	11	14

Adapted from: Stensvand, Gadoury, Amundsen, Semb and Seem, 1997
Phytopathology 87: 1046-1053.

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