

Cherry Leaf Spot

Revised 3/5/1999

Approximate number of hours of wetting required for conidial infection by the leaf spot fungus at different air temperatures (a)

Wetting Period (hr) (b)				
Average temperature		Light infection	Moderate infection	Heavy infection
(F)	(C)			
81	27.2	28	43	-
80	26.7	21	35	-
79	26.1	18	30	-
78	25.5	16	27	42
77	25.0	14	24	36
76	24.4	12	21	32
75	23.8	11	19	29
74	23.3	9	18	27
73	22.7	8	16	25
72	22.2	7	15	23
71	21.6	7	14	22
70	21.1	6	13	21
69	20.5	6	13	20
63 - 68	17.2 - 20.0	5	12	19
62	16.6	6	12	19
61	16.1	6	13	20
60	15.5	7	13	20
59	15.0	7	14	21
58	14.4	8	15	22
57	13.8	9	16	23
56	13.3	10	17	24
55	12.7	11	18	25
54	12.2	12	19	27
53	11.6	14	21	29
52	11.1	15	23	31
51	10.5	17	25	33
50	10.0	19	27	35
49	9.4	20	29	38
48	8.8	23	32	42
47	8.3	25	34	46
46	7.7	28	38	51

(a) Adapted from Eisensmith and Jones, 1981. Plant Dis. 65:955-958 and Phytopathology 71:728-732.

(b) The infection period is considered to start when rain begins.