

1979 Apple Scab and Cedar Apple Rust Infection Periods
Hudson Valley Laboratory, Highland, New York

Protec- tant	Spray dates Post infection	McIntosh Growth stage	Cumm. % Spores discharged	Wetting periods			Mean temp of	Anticipated scab severity		Cedar apple-rust inf. period
				Date	Rain (in)	Duration (hr)		Primary	Secondary	
April 20		GT		April 13-17	1.10	56	41	L	4 L	No
April 25		HIG	3% - 4/20	April 25	.19	2	57	No	3 H } 12 primary	No 9 CAR
	April 28	TC	8% 4/30	April 26-28	.63	44	58	H	5 H	Yes
May 3		Full pink	12% 5/4	April 28	.34	11	55	L		Yes
May 10		Full bloom		May 3-4	.18	12	57	L	16 secondary	Yes
May 18		Red	30% 5/16	May 12-14	.26	46	60	H	H	Yes
May 28		White		May 16	.01	4	56	No	No	No
	June 7		81% 5/30	May 18-20	.11	48	58	H	H	Yes
	June 21		85% 6/6	May 20-21	.05	4	58	No	No	No
June 7			95% 6/12	May 23-25	3.34	67	58	H	H	Yes
	June 19			May 26	.10	8	52	No	No	No
	July 19			May 28-29	.05	14	55	L	M	Yes
	August 19			May 29-30	.23	16	57	M	H	Yes
	September 19			May 31-June 1	.02	5	59	No	No	No
	October 19			June 3	.03	3	63	No	No	No
	November 19			June 5-6	.95	17	61	M	H	Yes
	December 19			June 7		3	58	No	No	No
	January 19			June 11-12	1.39	22	56	H	H	No
	February 19			June 17-18	.05	12	68	M	H	No
	March 19			June 22-23	.02	11	61	M	M	No
	April 19			June 29-30	.08	9	62	M	M	No
	May 19			June 30-July 1	.13	12	69	H	H	Yes
	June 19			July 2-3	.22	12	63	H	H	Yes
	July 19			July 15-16	.12	28	78	H	H	Yes
	August 19			July 21-22	.60	9	66	M	M	No
	September 19			July 23-24	.13	11	76	M	M	No
	October 19			July 29-30	.01	10	68	M	M	No

CK - grove 3 stages
Notes of Spore counts

GT
HIG
TC
April 28 - 49 hours after wetting
of April 26-28
Full pink
May 6 - 60 hours after
May 3-4
Full bloom
May 14 - 47 hours after May 12-14
Red
May 21 - 69 hours after May 18-21
White
June 7 - 1st frost
17-18 hrs.
secondary inf periods
only about 2" rain in 6 week period
Sprayed trees clean