

1980 Apple Scab and Cedar Apple Rust
 Infection Periods and Fungicide Application Dates
 Hudson Valley Laboratory, Highland, NY

Protec- tant	Spray dates Post- infection	McIntosh growth stage	Cumm. % scab spores discharged	Wetting periods		Inches		Infection periods	
				Date	Hours wet	Avg. temp.	rain	Scab	Cedar
April 15		GT-QIG	5%	April 14-15	29	48	0.56	M	No
April 24	April 29 (52 hrs)	TC; 3-4 term. lvs.		April 27-30	65	47	2.58	H	Yes
May 2		Pink Bloom		May 5-6	12	59	0.02	L*	Yes
				May 7-8	12	54	0.12	L*	Yes
				May 9	6	43	0.01	-	-
				May 11	3	58	0.04	-	-
May 9	May 9 (60 hrs)	7-9 term. lvs.	24%	May 12	13	56	0.34	L	Yes
		PF		May 13	7	64	0.02	-	-
				May 13-14	10	59	0.24	L*	Yes*
				May 19-20	6	58	0.01	-	-
May 16		10-11 term. lvs. 12-13 term. lvs.	24%	May 21-22	28	55	0.20	H	Yes
May 28	May 22 (26 hrs)			May 31-6/1	11	62	0.07	L	Yes
				June 2	9	59	0.10	-*	Yes
				June 2	1	76	0.02	-	-
				June 3	10	65	0.08	L*	Yes
June 5	June 5 (102 or 29)		65%	June 7	9	57	0.56	-	Yes
				June 8	10	60	0.05	L	Yes
				June 9-10	11	50	Trace	-	Yes
				June 15-16	9	61	0.33	L*	Yes
				June 20	7	59	0.02	-	-
				June 28-30	37	62	1.88	-	-
				June 30	4	70	0.04	-	-
				July 2	5	70	0.20	-	-
				July 3	6	64	Trace	-	-
				July 4	6	64	Trace	-	-
				July 5-6	10	67	1.09	M	Yes
				July 8	2	69	0.04	-	-
				July 11-12	11	63	0.06	M	Yes
July 2	July 2 (84 hrs)	Term. bud set		July 17	3	73	0.03	-	-

Protec- tant	Spray dates	McIntosh growth stage	Cumm. % scab spores discharged	Wetting periods			Infection periods			
				Date	Hours wet	Avg. temp.	Inches rain	Scab	Cedar	
July 21				July 21-22	12	69	1.57	10	20	M
	July 24 (60 hrs)			July 22-23	12	70	0.22			H
				July 29	6	71	0.23			-
August 18	August 18			July 29-30	13	68	0.01			M

* = borderline infection period.