

1982 Apple Scab and Cedar-Apple Rust  
 Infection Periods and Fungicide Application Dates  
 Hudson Valley Laboratory, Highland, N.Y.

Protectant schedule	Spray Dates Post-Inf. schedule	McIntosh growth stage	Cumm. % scab spores discharged	Wetting periods			Avg. temp.	Inches rain	Potential Infection Periods		
				Start Date	Time	Duration			Mill's Chart 1°	Chart 2°	Cedar-Apple Rust
April 26		GT	4/15 (2.1%)	April 21	0600	4	47	0.03	-	-	-
		Early TC	4/23 (3.9%)	April 26	1100	24	57	1.06	H	-	Yes
	April 30	TC		April 28	0000	9	43	0.07	-	-	-
May 4		Pink	5/3 (6.9%)	May 3	0600	3	49	0.01	-	-	-
May 13	May 17	Late bloom; 4-5 term. lvs. PF		May 12	1900	15	55	0.02	L	M	Yes
May 24	May 26	6-8 term. lvs.		May 18	1500	4	65	0.02	-	-	-
				May 19	1800	17	64	0.16	M	H	Yes
				May 20	1500	10	66	0.42	L	M	Yes
				May 22	1300	71	51	0.57	H	H	Yes
May 30			5/27 (24.4%)	May 28	2200	20	63	1.43	H	H	Yes
				May 30	0200	6	59	Tr	-	L	Yes
				May 31	0300	15	64	0.51	M	H	Yes
				June 2	0900	9	68	0.57	L	M	Yes
			6/3 (42.1%)	June 3	1900	12	56	0.02	L	M	Yes
				June 5	0200	55	56	4.12	H	H	Yes
June 9	June 9		6/11 (70.1%)	June 7	1900	6	53	0.01	-	-	-
				June 12	2200	38	51	1.38	H	H	Yes
			6/16 (85.9%)	June 16	0000	11	69	0.64	L	M	Yes
				June 19	2130	9	62	0.03	L	M	Yes
				June 21	0530	55	58	0.12	-	-	-
	June 23			June 22	2300	10	58	0.56	-	M	-
				June 28	1600	42	69	0.73	-	H	-

Protectant schedule	Spray Dates	Post-Inf. schedule	McIntosh growth stage	Cumm. % scab spores discharged	Wetting periods			Potential Infection Periods				
					Start Date	Time	Duration	Avg. temp.	Inches rain	Tr	Mill's Chart 2°	Cedar
June 29					July 24	0200	2	57	Tr	-	-	
July 15					July 12	0600	8	75	0.68	-	M	
		July 23			July 20	0400	11	69	1.58	-	H	
					July 27	2000	28	68	1.31	-	H	
					July 31	1800	15	65	0.07	-	H	
August 3					August 2	1900	15	66	0.07	-	H	
					August 5	1300	3	80	0.21	-	-	
					August 9	0100	11	71	1.21	-	H	
					August 9	1500	18	70	0.14	-	H	
					August 11	0500	5	62	0.01	-	L	