

1981 Apple Scab and Cedar-Apple Rust
 Infection Periods and Fungicide Application Dates
 Hudson Valley Laboratory, Highland, N.Y.

Spray Dates		McIntosh growth stage	Cumm. % scab spores discharged	Wetting Periods			Potential Infection Periods		
Protectant schedule	Modified schedule			Date	Hrs.	Split	Avg Temp	Inches	Scab
April 8		1/2" Green	1.9	April 5-6	18		50	M	-
April 16		TC	1.0	April 14-	16		46	-	Yes
April 22		Pink	3.0	April 17	9		54	-	Yes
	April 26			April 23-25	34	Y	46	M	Yes
May 5		Bloom	9.8	April 28	15.5		54	M	Yes
May 14	May 14	PF; 3-4 term. lvs.	33.9	April 29	11		55	L	Yes
May 27	May 27			May 1	8		50	-	-
				May 10-13	49	Y	59	H	H
				May 15-16	20		60	H	H
				May 29-30	30		68	H	H
				May 31	4		66	-	-
				June 2	6		58	-	-
			50.4	June 3-4	17		63	H	H
June 5	June 5	12-15 term. lvs.; 1 1/2" frt.	67.4	June 9	8		68	-	-
				June 12-13	15		61	M	H
				June 14	12		61	L	M
				June 14-15	11		61	L	M
				June 15-16	9		71	L	M
				June 20-21	24		66	H	H
				June 21-22	15		77	M	M
				June 25-26	13	Y	73	H	H
				July 1-2	18		70	H	H
				July 2-3	16		70	H	H
				July 4-6	39	Y	69	H	H
July 6	July 6			July 18-19			70	H	H

Protectant schedule	Spray Dates Modified schedule	McIntosh growth stage	Cumm. % scab spores <i>DISCHAREEB</i>	Wetting Periods			Potential Infection Periods		
				Date	Hrs.	Split	Avg Temp	Inches	Scab 1°
July 24	July 24			July 20-21	29		71	0.63	H
				July 21-22	16		70	0.24	H
July 24	July 24			July 26-27	12		73	0.04	H
				July 28-29	12		70	0.46	H
				Aug 3-4	13		69	0.01	H
				Aug 5	5		69	0.01	-
				Aug 8-9	18		75	0.03	H
				Aug 11-12	16		68	0.23	H