

1978 Apple Scab and Cedar Apple Rust Infection Periods
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| Spray date | McIntosh growth stage | Wetting Period | | | Mean temp (°F) | Anticipated Scab severity | | Cedar Apple rust inf. period |
|------------|--|----------------|---|------------------------------------|----------------|---------------------------|-----------|------------------------------|
| | | Date | Rain (In.) | Duration (hr.) | | Primary | Secondary | |
| April 18 | Green Tip ^{21/0} | Apr 19-20 | 1.32 | 33 | 47 | | S | |
| April 22 | 1/2" Green ^{Apr. 21 26/5} | | | | | | | |
| April 28 | Early TC ^{38/5} | | | | | | | |
| May 8 | Early Pink ^{47/2} | May 4-6 | 0.79 | 33.5 | 46 | | S | |
| May 16 | Full Bloom; 5-6 term. lvs. ^{May 18 51/28} | May 8-10 | .66 | 36 ^{12:18 hr. dry period} | 58 | | S | YES |
| | | May 14-15 | 1.59 | 19 ^{15.5 hr drying} | 53 | | M | YES |
| May 22 | PF; 10-11 term. lvs. ^{May 26 44/43} | May 16-19 | 1.90 | 77 | 57 | | S | YES |
| May 30 | 3/8" fruit; 14-16 term. lvs. | May 24-25 | 1.99 | 29 | 63 | | S | YES |
| | | May 31- June 1 | 6.93 ^{New Paltz last 8.2" during this per. normal in 2.1 to 5.6} | 16.5 | 68 | | S | YES |
| | | June 3-4 | 0.91 | 22 | 65 | | S | YES |

June 5 ^{34/56}

10 primary inf. periods, all severe - but 2 M according to Miller but 1st 2 were light to moderate or nonexistent.
13 secondary inf. periods than May 1.

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|------------|----------------------------------|--------------------------|---------------------|----------------|----------------|---------------------------|-----------|------------------------------|
| | | Date | Rain (in.) | Duration (hr.) | | Primary | Secondary | |
| June 7 | 3/4" fruit; 15-18 term. lvs. | June 7-8 | 0.76 | 17 | 75 | S | S | YES |
| | | June 9 | 0.63 | 6 | 61 | | L | |
| June 16 | 1.25" fruit; 17-20 term. lvs. | June 13 | 0.15 | 11 | 52 | | L | YES |
| | | June 14 ^{22/73} | | | | | | |
| | | June 21 ^{15/84} | 0.93 | 15.5 | 75 | M | S | YES |
| July 6 | 1.75" fruit; 20-24 term. lvs. | July 4 | 0.99 | 16.5 | 56 | | S | YES |
| | | July 14-15 | 0.23 | 17.5 | 69 | | S | |
| July 24 | | July 17 | 0.23 | 6 | 69 | | L | |
| | | July 23-24 | 0.07 | 6.5 | 73 | | L | |
| | | July 27-28 | 0.21 | 12 | 70 | | S | |
| | | July 29-30 | 0.05 | 8.5 | 75 | | M | |
| | | July 31- August 1 | 0.21 <u>1.99</u> | 17 | 67 | | S | |
| | | August 3-4 | 0.26 | 17 | 71 | | S | |
| | | August 5-7 | 1.72 | 41 | 74 | | S | |
| | | August 7-8 | 0.90 | 14.5 | 74 | | S | |
| August 10 | | August 12 | 0.38 | 6.5 | | | L | |
| | | August 24-26 | 1.04 | 40 | 71 | | S | |

3.38 }
 END OF PRIMARY SCAB