Integrated Pest Management Program
Department of Plant Science and Landscape Architecture

Fruit Update – 5/8/26

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Apple Scab:

Ascospore Maturity Summary — Download CSV

Daily Discharge Thresholds: ≥ 10% | > 20%

Date	Ascospore Maturity	Daily Ascospore Discharge	Cumulative Ascospore Discharge
May 6	88%	29%	59%
May 7	90%	0%	59%
May 8 Forecast	91%	0%	59%
May 9 Forecast	93%	30%	90%
May 10 Forecast	95%	<1%	90%
May 11 Forecast	95%	5%	95%
May 12 Forecast	96%	<1%	95%
May 13 Forecast	97%	0%	95%

We are just coming off a large scab event. Hopefully everyone was covered. Looking forward to next few days, there is another large spore discharge schedule for tomorrow with the coming rain. If you were covered for the last event, make sure to get something on for this coming one. After this week, we will be nearing the end of our primary scab season with approximately 90% of spores released.

Infection Events Summary — Download CSV

Events: Dry | Wet

Date (2026)	Infection Events	Average Temp (°F) for wet hours	Leaf Wetness (hours)	Hours > 90% RH	Rain Amount
May 6	combined	56	15	15	0.01
May 7	yes	49	8	8	0
May 8 Forecast	no	38	2	2	0
May 9 Forecast	yes	56	12	0	0.5
May 10 Forecast	no	55	9	5	Night: 39% Day: 16%
May 11 Forecast	yes	52	20	0	Night: 76% Day: 79%
May 12 Forecast	no	-	0	0	Night: 23% Day: 15%
May 13 Forecast	no	-	0	0	Night: 4% Day: 30%

Fireblight:

Results Table — Download CSV

Forecast Details

Date (2026)	Cougar Blight V8 Daily TRV (Risk Levels: Marginal / High / Extreme)	Infection Potential EIP value (Risk Levels: Low / Moderate / High / Infection)
May 6	37	9
May 7	39	4
May 8 Forecast	31	0
May 9 Forecast	5	0
May 10 Forecast	22	9
May 11 Forecast	20	6
May 12 Forecast	20	3
May 13 Forecast	20	0

* Indicates incomplete accumulation of the 4-day DH total. The DH value may reach "Caution", "High" or "Extreme" levels before spanning the 4-day accumulation cut-off time of Cougarblight.

I've had some calls about fireblight risk. The models have only shown minimal-moderate risk so far this season due to the cooler temperatures. However, if you had fireblight last year in your orchard, you may wish to be more proactive than the models suggest. Our only upcoming risk is this Sunday with the warmer temperatures. Depending on what the rain does Saturday, it may prove to be troublesome for our remaining open blooms.

Wetness Events Table — Download CSV

Events: Dry Wet — Avg Temp (°F): ≤ 60 > 60

Date (2026)	Rain Amount	Dew	Leaf Wetness (hours)	Hours > 90% RH	RH max/min	Avg Temp (°F)
May 6	0.01	yes	15	14	99/76	59
May 7	0.00	yes	8	8	98/35	50
May 8 Forecast	0.00	yes	2	0	90/37	48
May 9 Forecast	0.50	no	12	0	87/75	51
May 10 Forecast	Night: 39% Day: 16%	no	9	3	93/58	60
May 11 Forecast	Night: 76% Day: 79%	no	20	0	86/72	51
May 12 Forecast	Night: 23% Day: 15%	no	0	0	76/45	52
May 13 Forecast	Night: 4% Day: 30%	no	0	0	78/53	52
