



Scab and Fireblight Update – 5/6/24

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Scab Update:

Date (2024)	Infection Events	Average Temp (°F) for wet hours	Leaf Wetness (hours)	Hours > 90% RH	Rain Amount
May 4	no	46	10	9	0
May 5	combined	47	20	19	0.51
May 6 Forecast	yes	52	12	13	0.1
May 7 Forecast	no	56	7	7	0
May 8 Forecast	yes	54	5	5	Night: 41% Day: 43%
May 9 Forecast	no	55	6	6	Night: 29% Day: 56%
May 10 Forecast	no	49	7	7	Night: 58% Day: 43%
May 11 Forecast	no	-	0	0	Night: 39% Day: 21%

Date	Ascospore Maturity	Daily Ascospore Discharge	Cumulative Ascospore Discharge
May 4	96%	0%	66%
May 5	97%	16%	81%
May 6 Forecast	97%	<1%	82%
May 7 Forecast	98%	0%	82%
May 8 Forecast	99%	9%	91%
May 9 Forecast	99%	<1%	91%
May 10 Forecast	99%	0%	91%
May 11 Forecast	99%	0%	91%

We have two scab events this week as the weather stands now – one combined event for yesterday/today and one for Wednesday. The ascospore release for yesterday was predicted to be around 16%, fairly significant. Total ascospore discharge is sitting around 81% which suggests the end of primary scab season is in sight.

Fireblight:

Date (2024)	Cougar Blight V8 Daily TRV	Infection Potential EIP value
	Risk Levels: Marginal High Extreme	Risk Levels: Low Moderate High Infection
May 4	106	49
May 5	86	31
May 6 Forecast	63	42
May 7 Forecast	147	77
May 8 Forecast	140	65
May 9 Forecast	141	38
May 10 Forecast	107	19
May 11 Forecast	16	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.

Fireblight risk is looking low at the moment. Unfortunately, there have been some significant shifts in weather predictions, mostly due to temperature. Since temperature is one of the factors the model considers while making predictions, you might have noticed that the models incorrectly predicted infection events. We'll keep a close eye on this as we move forward, but as it stands now, we look good for the coming week.