Integrated Pest Management Program
Department of Plant Science and Landscape Architecture

Fruit Update – 5/16/25

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SAVE THE DATE: The CT Pomological Society and UConn Extension will be holding a **Summer Field Day**.

Date: Tuesday, June 17 Location: Rogers Orchards

Cost: Free

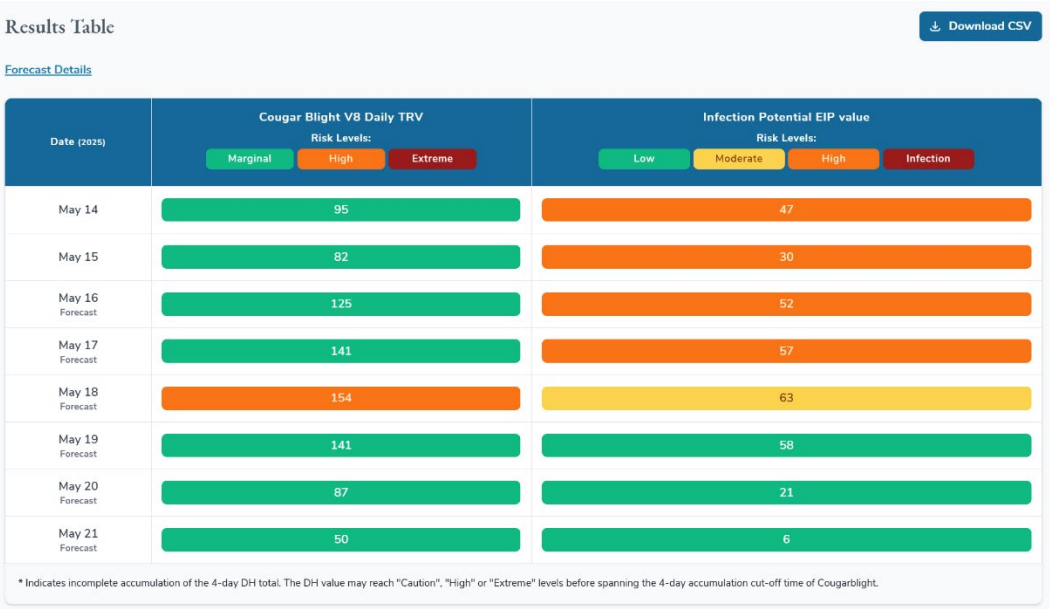
Registration information and additional program information are coming soon.

If you would like to have a vendor/information table or demonstrate equipment, contact Erica at ctpomsoc@gmail.com

An RSVP link will be sent out next week with a schedule of events.

Fireblight:

Below is the predicted Fireblight risk for the coming week. Things look mostly good. If you are out of bloom, then you don't need to worry. However, for those with blossoms still open on late or cider varieties, be aware. You may consider getting a material out on your trees.



Results Table

Download CSV

Forecast Details

Date (2025)	Cougar Blight V8 Daily TRV Risk Levels: Marginal / High / Extreme	Infection Potential EIP value Risk Levels: Low / Moderate / High / Infection
May 14	95	47
May 15	82	30
May 16 Forecast	125	52
May 17 Forecast	141	57
May 18 Forecast	154	63
May 19 Forecast	141	58
May 20 Forecast	87	21
May 21 Forecast	50	6

* 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.

Apple Scab:

The models called the end of primary scab season on May 9, last week. Given the difficulty with management last year, I would recommend that a cover spray go out for the upcoming infection event.

Infection Events Summary

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Events: Dry Wet

Date (2025)	Infection Events	Average Temp (°F) for wet hours	Leaf Wetness (hours)	Hours > 90% RH	Rain Amount
May 14	combined	58	10	10	0.24
May 15	combined	63	24	24	0.24
May 16 Forecast	combined	62	14	14	0
May 17 Forecast	yes	65	20	13	0.1
May 18 Forecast	no	-	0	0	Night: 21% Day: 11%
May 19 Forecast	no	-	0	0	Night: 6% Day: 1%
May 20 Forecast	no	-	0	0	Night: 2% Day: 1%
May 21 Forecast	no	-	0	0	Night: 20% Day: 28%

Infection events, shown in red above, are based on the Revised Mills Table and are calculated beginning with 0.01 inch of rain. The word "Combined" means the wetting event on this day is being combined with another wetting event using the following rule: two successive wetting periods, the first started by rain, should be considered a single, uninterrupted wet period if the intervening dry period is less than 24 hours. **When an infection event is in the 5-day forecast, the actual weather data logged may or may not translate into an actual infection event. Therefore, the table output may change once actual weather data are logged.**

Thinning:

For those looking to thin, I encourage you to utilize the Carbohydrate Thinning Model on the NEWA website. Thinning remains a challenge for many of us. Enter your location, green tip and bloom dates, and then follow the recommendations. The model will tell you whether you are at risk of over or under-thinning and if you need to adjust your rates.

Even though we had some questionable pollination weather, my observations from around the state as well as those from the region suggest that fruit set looks really good. Therefore, thoughtful thinning is recommended.

Results Table

Download CSV

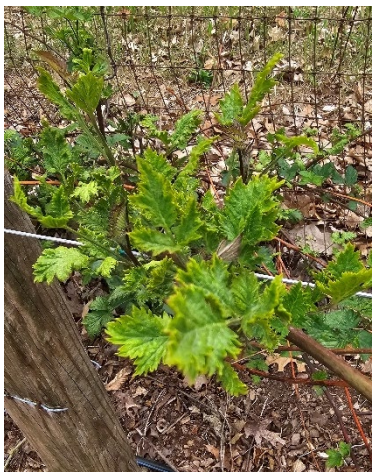
Forecast Details

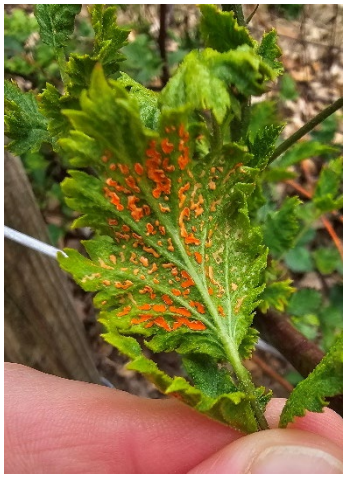
Thinning efficacy: Mild Good Very Good Excessive

Date (2025)	Max Temp (°F)	Min Temp (°F)	Solar Rad (MJ/m2)	Tree Carbohydrate Status (g/day)		Accum 4°C DD since bloom	Thinning Recommendation
				Daily	6-Day weighted average	≥ 200 & ≤ 250	L = Low Risk of Overthinning; C = Caution; D = Danger of Overthinning
May 11	71	43	26.1	23.94	-0.41	140.1	Apply Standard Chemical Thinning Rate (L)
May 12	69	38	25.3	37.43	-13.1	147.8	Apply Standard Chemical Thinning Rate (L)
May 13	70	51	18.5	-5.46	-26.94	159.8	Decrease Chemical Thinning Rate by 15% (C)
May 14	71	55	11.7	-34.34	-33.25	172.9	Decrease Chemical Thinning Rate by 30% (D)
May 15	68	59	8.2	-54.46	-26.14	186.6	Decrease Chemical Thinning Rate by 15% (C)
May 16	73	61	13.8	-41.26	-11.06	201.9	Apply Standard Chemical Thinning Rate (L)
May 17 Forecast	70	60	12.8	-35.83	4.58	216.2	Increase Chemical Thinning Rate by 15% and/or add Regulaid (L)
May 18 Forecast	70	58	23	4.74	-	230	-

Orange Rust:

Orange Rust is a troublesome systemic disease of blackberries. Orange spores/fungal structures will form on the underside of leaves. Although there are materials labeled for rust management, once the disease gets into your plants, they will need to be rouged. Plants with the systemic rust infection will exhibit this stunted, spindly, and often pale/yellow growth habit and will produce few fruits. More information can be found in the New England Guide.





Pricing Survey Results:

I am still compiling the pricing survey results. These will be shared next week. We only had about 13 responses this year.
