



**“Fruit Facts” – Sunday, April 18 2021**

**Apple Scab**

Although in some regions the NEWA scab model is showing a “high risk” of infection for tomorrow, currently the weather station predicts cool temperature and low chance of rain, so I would \*guess\* we are **unlikely to get an infection event until ~Wednesday**. You can also see this if you look more closely at the model – although the red highlighting suggests “Cumulative Risk of Infection!”, if you look at the “daily spore discharge” row above, the predicted discharge for tomorrow-Tuesday is Zero.

As of what I’m seeing now, I would recommend a protectant spray (i.e. Captan, Macozeb, Captozeb) to go on on Tuesday.

Remember to continue to monitor your favorite weather channel, as well as the NEWA model, as predictions can change rapidly!

	Past	Past	Current	5-Day Forecast		Forecast Details		
Date	4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/23
Ascospore Maturity	14%	15%	17%	19%	21%	22%	23%	25%
Daily Ascospore Discharge	<1%	<1%	0%	0%	0%	4%	0%	0%
Cumulative Ascospore Discharge	9%	9%	9%	9%	9%	13%	13%	13%

[Ascospore Maturity Graphs](#)

Infection Events Summary								
	Past	Past	Current	5-Day Forecast		Forecast Details		
Date	4/16	4/17	4/18	4/19	4/20	4/21	4/22	4/23
<a href="#">Infection Events</a>	Combined	Yes	No	Combined	Combined	Yes	No	No

The “infection event” row (blue arrow) looks scary, but the “daily ascospore discharge” row (pink arrow) shows low risk until Wednesday.

**Did you apply a pre-bloom insecticide this year?**

The McArt Lab at Cornell Entomology is looking for apple growers who applied a pre-bloom spray, to participate in a study to pinpoint how spray timing is related to pollinator pesticide exposure (and whether exposure is linked to on-farm or off-farm practices).

Participation would consist of:

- We would come to your farm during bloom, and collect 10 open flowers in your orchard
- We would ask to view your spring spray records, showing specific product(s) and date(s) that insecticides were used.

We would gladly communicate results with you individually later this year, but of course your information would be kept entirely anonymous otherwise. We are not looking to increase restrictions or regulations around spring insecticide applications – but rather to help provide information about what is and what isn’t in your control to help keep your pollinators healthy.

Please reach out to me if you applied a pre-bloom insecticide and would be willing for me to stop off at your orchard during bloom! Phone: 585 797 8368 email: jev67@cornell.edu

**Cherry Bloom Date**

Please make a note of your full bloom dates for both tart cherry and sweet cherry this year! You can use those dates down the line to more precisely predict specifically when your crop is susceptible to infestation by spotted wing drosophila.

**Any questions? Give me a call – Janet van Zoeren 585 797 8368**

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