



Fruit Update – 6/12/24

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Apple Scab

More and more secondary scab is showing up around the state. Reports indicate that the infections are either in highly susceptible varieties, at the end of turn rows, and/or for those who ended their primary covers a bit too early. The goal for summer control is to maintain cover, especially around wetting events. A schedule of materials applied every 10-14 days, preferably before a prolonged wetting period, will help to control secondary scab infections. From what I’m reading, the fungicides work in more of a protective capacity. My suggestion is to utilize materials with high efficacy. You’ll need to rotate these materials.

FRAC	Material	Rate	REI	PHI	Efficacy	Notes
M3	Manzate Pro-Stick	3 lb.	24	77	High	DO NOT apply more than 21 lb/A per year. Do not apply to cultivars that will be harvested in 77 days or less.
M3	Penncozeb 75 DF	3.2 lb.	24	77	High	DO NOT apply more than 22.4 lb/A per year. Do not apply to cultivars that will be harvested in 77 days or less.
M3	Dithane F-45 Rainshield	2.4 qt.	24	77	High	DO NOT apply more than 16.8 qt/A per year. Do not apply to cultivars that will be harvested in 77 days or less.
M3	Polyram 80 DF	3 lb.	24	77	High	DO NOT apply more than 21 lb/A per year. Do not apply to cultivars that will be harvested in 77 days or less.
M4	Captan 80WDG	5 lb.	24	0	High	DO NOT apply captan within 10 days of oil. DO NOT apply more than 40 lb./A of Captan 80WDG per year.
M4	Captan 50WP	8 lb.	24	0	High	DO NOT apply captan within 10 days of oil. DO NOT apply more than 64 lb./A of Captan 50WP per year.
M4	Captan 4L	4 qt.	24	0	High	DO NOT apply captan within 10 days of oil. DO NOT apply more than 32 qt./A of Captan 4L per year.
3	Indar 2F	8 fl. oz.	12	14	High	*RM DO NOT apply more than 32 fl. oz./A or 4 sprays per year.
3	Rally 40WSP	10 oz.	24	14	High	*RM DO NOT apply more than 5 lb./A per year.
3	Rhyme	6.5 fl. oz.	12	14	High	*RM DO NOT apply more than 26 fl. oz./A or 4 sprays per year.
3	Cevya	3-5 fl. oz.	12	0		*RM DO NOT apply more than 15 fl. oz./A per year.



Integrated Pest Management Program

Department of Plant Science and Landscape Architecture

11	Flint Extra	2.9 fl. oz.	12	14	High	*RM DO NOT apply more than 10.5 fl. oz./A per year, or more than 4 applications of any Group 11 fungicide per year.
11	Flint	2.5 oz.	12	14	High	*RM DO NOT apply more than 11 oz./A per year, or more than 4 applications of any Group 11 fungicide per year.
11	Sovran	6.4 oz.	12	30	High	*RM DO NOT apply more than 25.6 oz./A per year, or more than 4 applications of any Group 11 fungicide per year.
3 + 9	Inspire Super	12 fl. oz.	12	14	High	*RM DO NOT apply more than 60 fl. oz./A per year.
7 + 11	Luna Sensation	5.8 fl oz	12	14	High	*RM DO NOT apply more than 21 fl. oz./A per year, or more than 4 applications of any Group 11 fungicide per year.
7 + 11	Merivon	5.5 fl. oz.	12	0	High	*RM DO NOT apply more than 22 fl. oz./A per season, or more than 4 applications of any Group 11 fungicide per year.
7 + 11	Pristine	18.5 oz	12	0	Moderate	*RM DO NOT apply more than 74 oz./A per season, or more than 4 applications of any Group 11 fungicide per year.
7	Miravis	3.4 fl oz	12	30	High	*RM Do not apply more than 13.6 fl oz /year

Fireblight

I think I spoke too soon last week when reporting that our state had not seen much fireblight yet. After talking with some of you at yesterday's meeting, and getting the weekly reports from my interns, fireblight is active in multiple orchards. Below I will share the recommendations from Dr. Kerik Cox of Cornell for controlling Fireblight this summer.

Post-Bloom & Summer:

Copper (protectant and organic only) – can cause fruit russet. Only use if you're concerned about losing trees to the disease. Apply on a sunny, dry day. This will only protect against the bacteria already on the plant's surface. As the plant grows, new tissue will not be protected. Repeat applications at a low rate will be needed until terminal bud set.

Pruning – remove strikes/blighted branches promptly on a cool, dry day. Prune into last season's growth (at least 12" into healthy tissue. For younger trees, if 12" is into the main scaffold of the tree → remove and replant.

Rescue Program – apply PhCa (Apogee) 6-12 oz/100 gal, wait 5 days, and prune every two weeks until terminal bud set.

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