

2023 FUNGICIDE DECISION TABLE

Product	Active Ingredient	Group	Labelled activity on apple scab ¹	Activity on scab after petal fall (fruit scab)	Labelled activity on black rot	Labelled activity on flyspeck and sooty blotch	Labelled activity on powdery mildew ²	Compatible with oil	Relatively low risk of fruit injury	Preharvest Interval (PHI)	Re-entry Interval (REI)	Cumulative amount or maximum # of applications ³
Cueva	Copper	M2	✓	X	X	X	X	✓	X	1 d	4 hrs	#10
Manzate / Dithane Rainshield / Penncozeb	Mancozeb	M3	✓	✓	X	X	X	✓	✓	77 d	*12 hrs to 35 d	#4
Maestro / Supra Captan	Captan	M4	✓	✓	✓	✓	X	X	X	*15 to 19 d hand harvesting	*2 d to 24 d	*#2 to #10
Folpan / Follow	Folpet	M4	✓	✓	✓	✓	X	X	X	1 d	*12 h to 6 d	#6
Senator	Thiophanate-methyl	1	Resistance	X	X	X	✓	✓	✓	7 d	12 h	#2
Fullback	Flutriafol	3	Resistance	X	X	X	✓	✓	✓	14 d	12 h	2048 mL / ha
Nova	Myclobutanil	3	Resistance	X	X	X	✓	X (WSP, no tank mix) ⁴	✓	14 d	*12 h to 12 d	#6
Cevya	Mefentrifluconazole	3	Group 3 resistance	X	Suppression	✓	Suppression	✓	✓	0 d	12 h	1.125 L/ha
Inspire Super	Difenoconazole and Cyprodinil	3, 9	Group 3 resistance	?	X	✓	Suppression	✓	✓	14 d	12 h	#4
Aprovia Top	Benzovindiflupyr and Difenoconazole	3, 7	Group 3 resistance	X	X	✓	✓	✓	✓	30 d	When dry	2.57 L/ha
Aprovia	Benzovindiflupyr	7	✓	X	X	X	✓	✓	✓	30 d	12 h	2 L/ha
Fontelis	Penthiopyrad	7	✓	?	X	X	✓	Contains oil	✓	28 d	12 h	4.5 L/ha
Sercadis	Fluxapyroxad	7	✓	X	X	X	✓	✓	✓	0 d	12 h	#4
Kenja	Isofetamid	7	✓	?	X	X	X	✓	✓	20 d	12 h	#6
Excalia	Inpyrfluxam	7	✓	X	X	X	✓	✓	✓	none stated	12 h	#2
Luna Tranquility	Fluopyram and Pyrimethanil	7, 9	✓	✓	X	X	✓	✓	✓	14 d	24 h	#4
Pristine	Boscalid and Pyraclostrobin	7, 11	✓	✓	✓	✓	✓	✓	✓	5 d	*when dry to 12 d	#4
Merivon	Pyraclostrobin and Fluxapyroxad	7, 11	✓	✓	✓	✓	✓	✓	✓	5 d hand harvest	*12 h to 12 d	#4
Scala	Pyrimethanil	9	✓	X	X	X	X	✓	✓	14 d	*12 h to 24 h	#4
Vanguard	Cyprodinil	9	✓	X	X	X	X	✓	✓	0 d	12 h	#6
Flint	Trifloxystrobin	11	✓	✓	X	✓	Resistance	✓	✓	14 d	*12 h to 4 d	#4
Sovran	Kresoxim-Methyl	11	✓	✓	X	X	Resistance	✓	✓	30 d	*when dry to 2 d	#2
Syllit	Dodine	U12	Shifting toward resistance	✓	X	X	X	✓	✓	7 d	2 d	*#2 to #4
Allegro	Fluazinam	29	✓	✓	Suppression	✓	X	X (no tank mix)	✓	28 d	3 d	#5

Notes:

¹ A national survey was conducted in 2011 and 2012 to determine scab fungicide resistance. Scab from 18 orchards was analyzed for resistance to Nova, Inspire, and Flint and from 10 orchards for Equal/Syllit. A shifting population exhibits 33-66% fungal growth.

² A national survey was conducted in 2013 to determine powdery mildew fungicide resistance. Powdery mildew from 14 orchards was analyzed for resistance to Nova, Funginex, Fontelis, Luna, Sovran, Flint, and Pristine.

³ Cumulative amount or maximum # of applications refers to the specific active ingredient. Refer to the label for resistance management restrictions within chemical groups, including limits on # of sequential applications.

⁴ WSP = Water Soluble Packaging. Also, do not use WSP in a tank mix with boron and rinse the tank well before and after boron.

* Refer to the product label for details

Compiled on February 28, 2023 by Michelle Cortens (Perennia) and reviewed by Erika Bent (Agricultural Pest Monitoring) and Danny Davison (Scotian Gold). Last edited on March 27, 2023.

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