

2023 PETAL FALL INSECTICIDE DECISION TABLE

Product	Group	Formulation	Rate	Winter Moth, Green Pug Moth	Stinging bugs: Mullein Bug, Apple Brown Bug	Speckled Green Fruitworm	Obliquebanded Leafroller	European Apple Sawfly	Rosy Apple Aphid, Green Apple Aphid	Plum Curculio and Apple Curculio	European Red Mite
Matador /Warrior /Silencer /Labamba*	3	120 EC/ MS/ 120 EC / 120 EC	83 mL/ha	4			4		1		
Ambush*	3	500 EC	104 mL/ha 200 mL/ha 275 to 400 mL/ha 400 mL/ha	4 4 4 4	4		4 4 4 4		1	✓	
Danitol*	3	30.9 EC	779 to 1559 mL/ha	4		4	4			✓	
Decis*	3	100 EC	75 mL/ha 100 mL/ha	4 4	4		4		1		
Poleci*	3	2.5 EC	300 mL/ha 400 mL/ha	4 4	4		4		1		
Pounce*	3	384 EC	90 to 175 mL/ha 125 to 175 mL/ha 175 mL/ha	4 4 4	4	4	4			✓	
Up-cyde*	3	2.5 EC	280 mL/ha 400 mL/ha	4 4	4	4	4			✓	
Up-cyde + Dipel	3 + 11	2.5 EC + WP	28 mL + 560 mL/ha	4						✓	
Assail/Aceta	4	70 WP	80 to 120 g/ha 80 to 160 g/ha 120 g/ha 120 to 240 g/ha			✓		3	4 4 4 4	✓ ✓ ✓ ✓	
Calypso	4	480 SC	145 to 290 mL/ha 290 to 440 mL/ha		3 3			3	4 4	✓ ✓	
Closer	4	240 SC	100 to 200 mL/ha 400 mL/ha		✓			4	4 4	✓ ✓	
Sivanto Prime	4	200 S	500 to 750 mL/ha						4		
Delegate	5	25 WG	210 to 420 g/ha				3			suppression	
Success	5	480 SC	182 mL/ha				4				
Entrust	5	80 WG	109 g/ha				✓				
Agri-Mek	6	SC	170 mL/ha								3
Versys	9	100 EC	100 mL/ha						✓		
Bioprotec Plus	11	SC	440 mL/ha 1800 to 2500 mL/ha	✓ ✓		✓	✓				
Dipel	11	2X DF	280 g/ha 1125 to 1675 g/ha	✓ ✓			✓				
XenTari	11	WG	500 to 1600 g/ha	✓			✓				
Intrepid	18	240 SC	750 mL/ha	suppression		(4)	3				
Kanemite	20B	15 SC	2.07 L/ha								4
Nexter	21	WP	300 g/ha								✓
Envidor	23	240 SC	750 mL/ha								4
Nealta	25	200 SC	1000 mL/ha								3
Altacor	28	WG	145 to 215 g/ha or up to 285 g/ha for OBLR	(4)		4	4	4			
Altacor MaX	28	WG	73 to 108 g/ha or up to 143 g/ha for OBLR	(4)		4	4	4			
Exirel	28	SC	500 to 1000 mL/ha 750 to 1500 mL/ha	(4) (4)		4 4	4 4	4 4	✓ ✓	✓	
Beleaf	29	50 SG	120 to 160 g/ha 200 g/ha						✓ ✓		
Minecto Pro	6, 28	SC	496 mL/ha				✓	✓			✓
Cormoran	4, 15	EC	700 to 1050 mL/ha 840 to 1260 mL/ha 1050 to 1260 mL/ha		✓ ✓	✓		✓	✓ ✓ ✓	✓	
Acramite	UN	50 WS	851 g/ha								3
Purespray Green Oil	NC	13E	10 L/ha						✓		suppression
Vegol Crop Oil	NC	EC	2% v/v						✓		suppression
Kopa / Opal	NC	EC	8 L in 400 L water						✓		✓
Insecticidal Soap											
Surround	NC	WP	25 to 50 kg/ha				✓	✓		✓	

Note: Products are rated from 1 (poor) to 4 (excellent) when available. Ratings in brackets are not registered but are expected to receive off-target activity. Registration is marked with a "✓", which also signifies control at higher label rates used to control other pests.

*Synthetic pyrethroids are disruptive to IPM programs and their use should be avoided when possible.

Last edited on June 19, 2023 by Michelle Cortens (Perennia) with input on efficacy ratings at original publication from Erika Bent (APM). This publication was compiled by representatives from Perennia using currently available information and it is intended for general information only. Perennia does not offer any warranty or guarantee, nor does it assume any liability for any crop loss, livestock loss, health, safety or environmental hazard caused by the use of a pesticide mentioned in the publication. Always refer to and follow directions on the product label. The publication lists a number of brand name pesticides. It is neither an endorsement of the product nor a suggestion that similar products are ineffective. This information is continuously changing, and therefore it can cease to be current and accurate. Discard old editions each year.

