

**\*Labeled Insecticides for Control of Spotted Wing Drosophila in New York Berry Crops**

Compiled by Greg Loeb, Cathy Heidenreich, Laura McDermott, Peter Jentsch, Debbie Breth on May 22, 2013

**RASPBERRIES**

<b>PRODUCT</b>	<b>AI<sup>1</sup></b>	<b>IRAC group</b>	<b>EPA#</b>	<b>RATE/A</b>	<b>REI<sup>3</sup></b>	<b>DTH<sup>4</sup></b>	<b>Product (ai)/acre</b>	<b>Tot apps</b>	<b>Spray Interval</b>	<b>Probable efficacy</b>
<sup>^</sup> @Entrust Naturalyte (2ee)	spinosad	5	62719-282	1.25-2 oz	4 hr	1 d	9 oz (0.45 lb)	3 per crop	6 d	Good to Excellent <sup>#</sup>
<sup>^</sup> @Entrust SC (2ee)	spinosad	5	62719-621	4-6 fl oz	4 hr	1 d	29 fl oz (0.45 lb)	3 per crop	6 d	Good to Excellent <sup>#</sup>
<sup>@</sup> Delegate WG (2ee)	spinetoram	5	62719-541	3-6 oz	4 hr	3 d	19.5 oz (0.305 lb)	6	4 d	Excellent <sup>#</sup>
Brigade WSG (2ee)	bifenthrin	3A	279-3108	8.0-16 oz	12 hr	3 d	2 lb (0.2 lb)	1 post bloom	-	Excellent
Brigade EC (2ee)	bifenthrin	3A	279-3313	3.2-6.4 fl oz	12 hr	3 d	12.8 fl oz (0.2 lb)	1 post bloom	-	Excellent
Danitol 2.4EC	fenpropathrin	3A	59639-35	16 fl oz	24 hr	3 d	32 fl oz (0.6 lb)	2	-	Excellent
Mustang Max Insecticide (2ee)	zeta-cypermethrin	3A	279-3249	4 fl oz	12 hr	1 d	24 fl oz (0.15 lb)	6	7 d	Excellent
Triple Crown	bifenthrin, imidacloprid, zeta-cypermethrin	3A,4A	279-3440	6.4-10.3 fl oz	12 hr	3 d	10.3 fl oz (0.181 lb)	1 post bloom	7 d	Good to excellent
Malathion 5EC (2ee)	malathion	1B	19713-217	3.0 pts	12 hr	1 d	9 pts (6.0 lb)	3	7 d	Good
Malathion 5EC (2ee)	malathion	1B	66330-220	3.0 pts	12 hr	1 d	9 pts (6.0 lb)	3	7 d	Good
Malathion 8 Aquamul (2ee)	malathion	1B	34704-474	2.0 pts	12 hr	1 d	6 pts (6.0 lb)	3	7 d	Good
Assail 30SG	acetamiprid	4A	8033-36-70506	4.5-5.3 oz	12 hr	1 d	26.7 oz (0.5 lb)	5	7 d	Good <sup>#</sup>
<sup>^</sup> Pyganic EC 1.4	pyrethrin	3A	1021-1771	1 pt – 2 qts	12 hr	0 d	-	-	-	Fair to Poor
<sup>^</sup> Pyganic EC 5.0	pyrethrin	3A	1021-1772	4.5 – 18 fl oz	12 hr	0 d	-	-	-	Fair to Poor
<sup>^</sup> AzaSol	azadirachtin	UN	81899-4	6 oz in 50 gal	4 hr	0	-	-	-	Fair to Poor

\*Refer to label for details and additional restrictions.

<sup>#</sup>Adding sugar (sucrose) at 2 lb/100 gallons of water as a feeding stimulant will increase efficacy

<sup>^</sup>Approved for organic use in NY; <sup>@</sup> After two consecutive applications must rotate to different mode of action

<sup>1</sup> AI – Active Ingredient; <sup>2</sup> MOA – mode of action based on IRAC group code; <sup>3</sup> REI – Re-entry Interval; <sup>4</sup> DTH – Days to Harvest.

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