

# 17 November 2020 – Insecticides for Control of Spotted Lanternfly in New York Grapes – Quick Guide

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Visit NYSPAD [www.dec.ny.gov/nyspad/products?0](http://www.dec.ny.gov/nyspad/products?0) to search for label and 2(ee) information.

**Read the pesticide label and 2(ee) for directions, details, and additional restrictions. Must have 2(ee) in possession when applying the material.**

GRAPES									
Product	AI <sup>1</sup>	EPA Reg No.	IRAC Group <sup>2</sup>		Rate/A	REI <sup>3</sup>	PHI <sup>4</sup>	Probable efficacy on nymphs	Probable efficacy on adults
<sup>†</sup> @ Actara (2ee)	thiamethoxam	100-938	4A		3.5 oz	12 hr	5 d	Excellent	Excellent
@ Drexel Carbaryl 4L (2ee)	carbaryl	19713-49	1A		2 qts	48 hr; 144 hr if girdling or cane turning	7 d	Excellent	Excellent
# Imidan 70WP (2ee)	phosmet	10163-169	1B		1.333 lb to 2.125 lb	12 hr	≤ 1.333 lb/A 7 d > 1.333 lb/A 14 d	Excellent	Poor
#@ Dupont Avaunt (2ee)	indoxacarb	352-597	22A		6 oz	12 hr	7 d	Excellent	Poor
@ Brigade WSB (2ee)	bifenthrin	279-3108	3A		8 - 16 oz	12 hr	30 d	Excellent	Excellent
* Brigade 2EC (2ee)	bifenthrin	279-3313	3A		6.4 oz	12 hr	30 d	Excellent	Excellent
* Hero (2ee)	zeta-cypermethrin & bifenthrin	279-3315	3A		5 - 10.3 fl. oz	12 hr	30 d	Excellent	Excellent
#@ Mustang MAXX (2ee)	zeta-cypermethrin	279-3426	3A		4 fl. oz	12 hr	1 d	Excellent	Good
* Sniper Helios (2ee)	bifenthrin	34704-858	3A		3.2 - 6.4 fl. oz	12 hr	30 d	Excellent	Excellent
@ Danitol 2.4 EC (2ee)	fenpropathrin	59639-35	3A		16 - 21.333 fl. oz	24 hr	21 d	Excellent	Excellent
* Swagger (2ee)	bifenthrin & imidacloprid	34704-1045	3A	4A	7.6 - 12.8 fl. oz	12 hr	30 d	Good to Excellent	Good to Excellent
<sup>^</sup> C Aza-Direct (2ee)	azadirachtin	71908-1-10163			1.0 – 3.5 pints	4 hr	0 d	Good	Good
<sup>^</sup> CP M-Pede (2ee)	potassium salts of fatty acids (ins. soap)	10163-324			1-2 gallons (1-2% v/v solution)	12 hr	0 d	Good	Good

\*Rating based on different product with AI.

@Tested on peach only.

# Assumed excellent at high rate per acre.

<sup>†</sup> Not for use on Long Island, NY

<sup>°</sup> Contact only, thorough coverage. No residual efficacy.

<sup>^</sup> Approved for organic use in NY.

<sup>P</sup> May be phytotoxic, follow label restrictions.

<sup>1</sup> Active Ingredient.

<sup>2</sup> Mode of Action, IRAC group code. Rotate between groups to prevent resistance.

<sup>3</sup> Restricted Entry Interval (hr = hours).

<sup>4</sup> Pre-Harvest Interval (d = days).