

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 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 ¹	EPA Reg No.	IRAC Group ²	Rate/A	REI ³	PHI ⁴	Probable efficacy on nymphs	Probable efficacy on adults
†@ 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
^c Aza-Direct (2ee)	azadirachtin	71908-1-10163		1.0 – 3.5 pints	4 hr	0 d	Good	Good
^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.

† Not for use on Long Island, NY

° Contact only, thorough coverage. No residual efficacy.

^ Approved for organic use in NY.

p May be phytotoxic, follow label restrictions.

¹ Active Ingredient.

² Mode of Action, IRAC group code. Rotate between groups to prevent resistance.

³ Restricted Entry Interval (hr = hours).

⁴ Pre-Harvest Interval (d = days).