

# **APPLE - CONTROL OF SPOTTED WING DROSOPHILA - NEW YORK**

## General Information

### GENERAL INFORMATION

Asana XL Insecticide 0.66 emulsible concentrate contains 0.66 pounds of active ingredient per gallon. For the applications given, mix the required amount of Asana XL in sufficient diluent to provide uniform coverage (Refer to Use Tables). Asana XL may be applied by ground or aerial application equipment. For aerial application use the following directions unless otherwise specified in the label: use a minimum of 2 gallons per acre (gpa) of water, except in tree and orchard crops use a minimum of 10 gpa.

Apply at the recommended rates when insect populations reach locally determined economic thresholds. Consult the cooperative extension service, professional consultants or other qualified authorities to determine appropriate threshold levels for treatment in your area.

### RESISTANCE

For resistance management, Asana XL is a group 3 insecticide. Repeated exclusive use of Asana XL, or other group 3 insecticides may lead to the buildup of resistant strains of insects in some crops.

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of the product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to the product develops in your area, the product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

## INTEGRATED PEST MANAGEMENT

Valent U.S.A. Corporation recommends the use of Integrated Pest Management (IPM) programs to control pests. The product may be used as part of an Integrated Pest Management (IPM) program which can include biological, cultural, and genetic practices aimed at preventing economic pest damage. Application of the product should be based on IPM principles and practices including field scouting or other detection methods, correct target pest identification, population monitoring, and treating when target pest populations reach locally determined action thresholds. Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating specific pest/crop or site systems in your area.

### Limitations, Restrictions, and Exceptions

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##### Application Timing

Applications to protect against Spotted Winged Drosophila (SWD) damage should begin as fruit starts to ripen or when local monitoring indicates the first presence of SWD adults in your area. Repeat applications may be required to protect the crop up until harvest. Post harvest orchard floor applications can also be used to control SWD adults laying eggs on fruit that has fallen to the ground.

Consult your state cooperative extension service, professional consultants or other qualified authorities to determine appropriate action treatment threshold levels for treating Spotted Winged Drosophila in your area.

Precaution: Do not graze livestock on treated orchard floors.

##### Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

##### Pre-Harvest Interval

21 days

Rates

[field\\_rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[As fruit starts to ripen or when local monitoring indicates the first presence of SWD adults in your area.](#)