

# **SOYBEANS - CONTROL OF SOYBEAN APHID - ILLINOIS, INDIANA, ETC.**

## 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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##### Special Instructions:

- Asana XL Insecticide is recommended for use in tank mix with chlorpyrifos for control of soybean aphid (*Aphis Glycines*) in soybeans.
- Apply Asana XL Insecticide as a broadcast treatment in sufficient water to obtain thorough coverage (minimum of 15 GPA by ground and 2 GPA by air).

##### Precautions

- Do not allow meat or dairy animals to graze in treated areas or otherwise feed treated soybean forage, hay and straw to meat or dairy animals.
- Do not apply more than 3 lb ai per acre per season of chlorpyrifos.
- Do not make more than 3 applications per year of products containing chlorpyrifos.
- Do not apply last two treatments closer than 14 days apart.
- On determinate soybeans do not apply more than one application after pod set.

- Do not make a second application of products containing chlorpyrifos within 10 days of the first application.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

28 days

Rates

[field\\_rates 0](#)

[field\\_rates 1](#)

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Restricted Entry Interval

24 hours

Timings

[N.A.](#)