

APPLE - CONTROL

General Information

GENERAL INFORMATION

NOT FOR USE IN CALIFORNIA

Active Ingredient: Esteem 35 WP Insect Growth Regulator is a wettable powder formula containing 35% active ingredient.

Do not apply this product through any type of irrigation system.

Esteem 35 WP is intended for use in Integrated Pest Management (IPM) or Insect Resistance Management (IRM) programs. Esteem 35 WP will not control insect adults, and it is recommended to be used in combination and/or rotation with other IPM or IRM materials. Contact your local state extension service for details.

Esteem 35 WP acts by suppressing embryogenesis within the insect egg and by inhibiting metamorphosis and adult emergence of target insects. Esteem 35 WP has no activity on adult insects, but hatching of eggs laid by treated adults will be suppressed. Since Esteem 35 WP is an Insect Growth Regulator (IGR) and activity depends on the insects' development, evidence of activity will be slower than typical contact insecticides.

Limitations, Restrictions, and Exceptions

APPLE

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Apply by ground with airblast equipment in a minimum of 50 gals./A.

Thorough coverage is critical for control. It is essential to use adequate water

volume to ensure thorough coverage.

1st Generation Codling Moth: Apply at Biofix plus 100 degree days (this is usually close to petal fall). Make a second application 14 to 21 days later or timed to coincide with peak moth flights. For subsequent applications, if needed, apply other insecticides registered for Codling Moth control. The addition of oil has been shown to increase Codling Moth activity of Esteem 35 WP. Follow local recommendations regarding in season use and rates of oil in your area.

Obliquebanded and Pandemis Leafroller: Apply to the overwintering larvae at pink to petal fall tree growth stage. Esteem 35 WP does not directly control the larvae but inhibits normal pupation and adult emergence.

Esteem 35 WP Insect Growth Regulator may be mixed and/or alternated with commonly used insecticides to comply with local IPM programs and resistance management programs.

- Do not apply within 45 days of harvest.
- Do not exceed 2 Esteem 35 WP applications per growing season.
- Do not exceed 10 oz. of Esteem 35 WP Insect Growth Regulator per acre per season.
- Do not apply earlier than 14 days after last Esteem 35 WP treatment.

MANAGING INSECT RESISTANCE: Repeated use of the same class of insecticides with similar modes of action can lead to the buildup of resistant insect strains. To optimize resistance management practices, Valent U.S.A. Corporation is restricting Esteem 35 WP Insect Growth Regulator to two applications per growing season. Esteem 35 WP may be used in alternation with other IGR materials possessing dissimilar modes of action and/or with other chemical classes of insecticides. Follow local, state, and federal IPM and Insect Resistance Management (IRM) recommendations. Read and follow all product labels before applying any insecticide.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

45 days

Rates

[field_rates 0](#)

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Restricted Entry Interval

12 hours

Timings

[1st Generation Codling Moth: usually close to petal fall](#)