

CUCURBIT VEGETABLES GROUP - POWDERY MILDEW, ETC.

General Information

GENERAL INFORMATION

CROSSOVER is a uniquely formulated emulsifiable concentrate product intended to provide fungicidal and insecticidal properties for the control of the listed diseases and insects on, Corn (Field, Seed, Sweet, Popcorn), Cotton, Cucurbits, Soybeans, Sunflowers, and Barley and Wheat.

Initial and residual control is contingent upon thorough crop coverage. Apply with ground or aerial equipment using sufficient water to obtain full coverage of foliage. Apply in a minimum of 5 gal/acre by air or 10 gal/acre by ground unless otherwise specified in the label. When foliage is dense or pest pressure is high (heavier insect or egg pressure, larger larval stages), use of higher application volumes and/or higher use rates may improve initial and residual control.

For cutworm control, CROSSOVER may be applied before, during, or after planting. For soil-incorporated applications, use higher listed rates for improved control.

RESISTANCE MANAGEMENT

CROSSOVER is a combination Group 3 fungicide and Group 3 Insecticide. Some diseases and insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state agricultural authorities for details.

If resistance to this product develops in your area, this product, or other products with similar modes of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of disease or 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.

Limitations, Restrictions, and Exceptions

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Pests:

Armyworm species, Lygus Bug species and Tobacco Budworm - See Resistance statement under Directions for Use.

Thrips species - See Resistance statement under Directions for Use. Does not include Western Flower Thrips

Precautions:

- Apply the specified dosage in a protective spray schedule to foliage and fruit.
- Apply as required by scouting, usually at intervals of 10 to 14 days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds.
- Apply with ground or air equipment using sufficient water and application methods to obtain full coverage of all plant parts.
- When applying by air, apply in a minimum of 5 gal. total solution per acre. When applying by ground, a minimum of 10 gal. total solution per acre is recommended.
- Use higher application volumes and/or listed rates when foliage is dense, pest populations are high, larvae are large, weather conditions are adverse and/or as plant size increases. Use higher listed rates for longer residual.
- Insects that bore or tunnel into leaves, vines, stems or fruit must be controlled before penetration. Only exposed insects (larvae and/or adults) can be controlled with foliar applications of Crossover.
- For optimum disease and insect control apply using 1 to 2 qts of Velomax / 100 gallons of spray solution.
- This product must have two to four hours of drying time on plant foliage for the active ingredient to move systemically into plant tissue before rain or irrigation occurs. After this period of time this product will be resistant to weathering.

- This product is a combination (Group 3) fungicide, demethylation inhibitor (DMI), and (Group 3) Insecticide.

Restrictions:

- Do not apply more than 0.48 lb. a.i. of all Tebuconazole containing products (34 fl. oz. of this product) per acre per season.

- Do not apply more than 0.18 lb. a.i. of all Lambda Cyhalothrin containing products (57 fl. oz. of this product) per acre per

season.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

7 days

Rates

[field rates 0](#)

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Restricted Entry Interval

24 hours

Timings

[Upon insect populations reaching locally determined economic thresholds.](#)

[Cutworm: Before, during or after planting.](#)