

BARLEY, 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

BARLEY, ETC.

Pests:

English Grain Aphid and Russian Wheat Aphid – Best control is obtained before insects begin to roll leaves. Once crop has started to boot, CROSSOVER may provide suppression only. Higher specified rates and increased coverage will be necessary.

Head blight (*Fusarium* spp), Corn Leaf Aphid and Mite species – Suppression only.

Greenbug – Best control is obtained before insects begin to roll leaves. Once crop has started to boot, CROSSOVER may provide suppression only. Higher specified rates and increased coverage will be necessary. See Resistance statement under Directions for Use.

Hessian Fly - Make applications when adults emerge.

Precautions:

- Apply as required by scouting, usually at intervals of 5 or more days. Observe fields closely for early disease symptoms particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. 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 foliage. When applying by air, apply in a minimum of 5 gals. of water per acre.

- For chinch bug control, repeat applications at 3-5 day intervals if needed. CROSSOVER may only suppress heavy infestations and/or migrations.

- Greenbug is known to have many biotypes. CROSSOVER may provide suppression only. In this situation, a second application using an alternative chemistry may be needed.

- 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 allow livestock to graze in treated areas or harvest treated forage as feed for meat or dairy animals within 7 days after treatment. Do not feed treated straw to meat or dairy animals within 30 days after the last treatment.
- Do not apply more than 0.11 lb. a.i. all Tebuconazole containing products (8 Fl. Oz. of product) per acre per season.
- Do not apply more than 0.06 lb. a.i. of all Lambda Cyhalothrin containing products (19 fl. oz. of this product) per acre per season.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

30 days

Rates

[field rates 0](#)

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Restricted Entry Interval

24 hours

Timings

[Rusts: At the earliest sign of rust pustules on foliage.](#)

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

Head blight: When main stem heads have fully emerged (Feekes 10.5) on 50% of the plants..