SUNFLOWER - (BANDED SUNFLOWER MOTH CUTWORMS, ETC.)
[POST-EMERGENCE APPLICATION]

General Information

PRODUCT INFORMATION

BOLTON insecticide is an emulsifiable concentrate for use in listed crops. It resists washoff once dry. Target pests and application rates are listed in crop specific tables below.

USE PRECAUTIONS

Applying at low spray volumes under high temperature and wind conditions may reduce insect control.

Unusually cool conditions may cause some reduction in insect control.

Flood irrigation: To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours following a soil surface or foliar application of BOLTON.

Application Directions

Broadcast Foliar Application

Apply with conventional power-operated spray equipment using nozzles and spray pressures recommended for insecticides. Apply BOLTON insecticide in a spray volume of not less than 2 gallons per acre for aerial application equipment (fixed wing or helicopter) or not less than 10 gallons per acre for ground equipment, unless otherwise specified. Increase spray volume to ensure adequate coverage with increased density and height of crop canopy. See Spray Drift Precautions section for recommendations on droplet size.

Ground Application: Orient the boom and nozzles to ensure uniform coverage. Swath width should not be wider than the boom. Follow nozzle manufacturer’s recommendations for insecticide nozzles with respect to nozzle type, pressure, and spacing.
Broadcast Soil Application

Apply with conventional power-operated spray equipment that will apply the product uniformly to the soil surface.

Use nozzles that produce medium or coarse droplets (235-400 microns). Unless otherwise indicated, a spray volume of 10 gallons or more per acre is recommended. For band application, use proportionally less spray volume.

Aerial Application

Use a minimum spray volume of 2 gallons per acre and follow recommendations for best management practices for aerial application, above.

Marking of swaths by flagging, permanent markers or use of GPS equipment is recommended.

Limitations, Restrictions, and Exceptions

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Postemergence Application

Apply as a postemergence broadcast spray using sufficient spray volume to ensure thorough coverage of treated plants, but no less than 10 gpa for ground spray equipment or 2 gpa for aircraft equipment. Use a higher rate in the rate range when there is increased pest pressure.

Specific Use Restrictions:

- Preharvest Interval: Do not apply within 45 days before harvest.

- Do not apply more than 69 fl oz of BOLTON insecticide per acre after bloom initiation or 96 fl oz per acre per season.

- Do not make more than 3 applications per season of BOLTON or other products containing chlorpyrifos.
- Do not make a second application of BOLTON or other products containing chlorpyrifos within 10 days of the first application.

- Do not allow meat or dairy animals to graze in treated areas.

Notes:

- Seed weevil: To control, apply when field counts indicate 10 to 12 adults per plant for oil crop varieties and 1 to 3 adults per plant on confectionery crop varieties.

- Stem weevil: Optimal treatment time is within 5 to 7 days after adult weevils begin to appear.

- Sunflower beetle: For control of larvae or adults, treat when field counts indicate 10 larvae or 1 to 2 adults per seedling.

- Sunflower moth: To control, make first application during early 1% to 5% bloom stage.

(See table in the label for the maximum use rate per season.)

Method

Broadcast/Foliar Air
Broadcast/Foliar Ground
Pre-Harvest Interval

45 days

Rates

field_rates 0

Restricted Entry Interval

24 hours

Unless PPE required for early entry is worn.

Timings

Post-emergence