

# **CONTROL OF BEET ARMYWORM, FALL ARMYWORM AND CORN EARWORM LARVAE INFESTING SWEET CORN - FLORIDA**

## General Information

## Product Information

Lorsban Advanced insecticide is an emulsion in water for use in listed crops. This product resists washoff once it is dry. Target pests and application rates are provided in the accompanying tables.

## Use Precautions and Restrictions

Insect control may be reduced at low spray volumes under high temperature and wind conditions.

Some reduction in insect control may occur under unusually cool conditions.

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

Do not aerially apply this product in Mississippi.

## Insecticide Resistance Management (IRM)

Lorsban Advanced contains a Group 1B insecticide. Insect/mite biotypes with acquired resistance to Group 1B may eventually dominate the insect/mite population if Group 1B insecticides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by Lorsban Advanced or other Group 1B insecticides.

To delay development of insecticide resistance:

- Avoid consecutive use of insecticides with the same mode of action (same insecticide group) on the same insect species.
- Use tank mixtures or premix products containing insecticides with different modes of action (different insecticide groups) provided the products are registered for the intended use.
- Base insecticide use upon comprehensive Integrated Pest Management (IPM)

programs.

- Monitor treated insect populations in the field for loss of effectiveness.
- Contact your local extension specialist, certified crop advisor, and or manufacturer for insecticide resistance management and/or IPM recommendations for the specific site and resistant pest problems.
- For further information or to report suspected resistance, you may contact Dow AgroSciences by calling 800-258-3033.

## Application Directions

### Broadcast Foliar Application

Apply with conventional power-operated spray equipment using nozzles and spray pressures specified for insecticides. Apply Lorsban Advanced in a spray volume of not less than 2 gallons per acre (gpa) for aerial application equipment (fixed wing or helicopter) or not less than 10 gpa for ground equipment, unless otherwise specified. Increase spray volume to ensure adequate coverage with increased density and height of crop canopy.

Ground Application: Orient the boom and nozzles so that uniform coverage is obtained. The swath width should not be wider than the boom. Follow nozzle manufacturer's specifications 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 (255 to 400 microns). Unless otherwise indicated, a spray volume of 10 gpa or more is needed. For band application, use proportionally less spray volume.

### Aerial Application

Use a minimum spray volume of 2 gpa. Mark swaths by mechanical flagging, permanent markers or GPS equipment.

### Chemigation Application

Apply Lorsban Advanced through properly equipped chemigation systems for insect control in alfalfa, almond (orchard floors only), citrus (orchard floors only), corn (field and sweet), cotton, cranberry, peppermint, sorghum, soybeans, spearmint,

sugarbeet, orchard floors (pecan and walnut), and wheat, or other crops as specified in Dow AgroSciences supplemental labeling. Do not apply this product by chemigation unless specified in crop-specific directions in this label or Dow AgroSciences supplemental labeling. Do not apply to labeled crops through any other type of irrigation system.

Note: Unless otherwise indicated in specific use directions, the application rates for chemigation are the same as those specified for broadcast application.

#### Limitations, Restrictions, and Exceptions

#### CONTROL OF BEET ARMYWORM, FALL ARMYWORM AND CORN EARWORM LARVAE INFESTING SWEET CORN - FOR DISTRIBUTION AND USE ONLY IN THE STATE OF FLORIDA

#### Directions for Use

Apply Lorsban Advanced at the rate of 1 pint per acre as a postemergence broadcast spray in sufficient water to ensure thorough coverage of plants using either aerial (fixed-wing or helicopter) or power-operated ground spray equipment. Use no less than 15 gallons of water per acre for ground spray equipment or at least 3 gallons of water per acre for aerial application. Control may be reduced at low spray volumes. Treat when field counts indicate that worms are or may become a problem.

Chemigation: Lorsban Advanced may be broadcast applied postemergence through sprinkler irrigation systems at specified application rates. See Chemigation Application section on product label for application instructions.

#### Specific Use Restrictions:

- Worker Restricted Entry Interval: Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours unless PPE required for early entry is worn. Refer to the Agricultural Use Requirements section on the product label for further information.
- Preharvest Interval: Do not apply within 7 days of harvest of ears.
- Do not make more than three foliar applications of Lorsban Advanced per season.
- Do not apply more than 3 lb ai chlorpyrifos per acre per season including all applications of chlorpyrifos-containing products.
- Only one preplant application at the maximum of 1.3 lb ai chlorpyrifos per acre per season can be made along with the maximum of three foliar applications at 0.5 lb ai

chlorpyrifos per acre.

- A minimum five-day reapplication interval is required for all repeat applications of Lorsban Advanced used as directed under this supplemental labeling.
- Maximum single application rate is 0.5 lb ai chlorpyrifos per acre.

Method

[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

[when field counts indicate that worms are or may become a problem.](#)