

## **CITRUS ORCHARD FLOORS (NOT FOR USE IN MISSISSIPPI)**

### 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

### Citrus Orchard Floors

(Not for use in Mississippi)

Apply as a ground broadcast spray directed to the orchard floor to control foraging ants (excluding fire, harvester, carpenter and pharaoh ants). Do not apply spray to contact foliage or fruit. Apply in a total spray volume of 25 gpa or more using equipment that will apply the spray uniformly to the soil surface. Use a higher rate in the rate range for increased pest pressure. For best results, remove weed growth or other obstructions that might prevent the spray from reaching the soil surface. Foliar applications of Lorsban Advanced or other products containing chlorpyrifos may be made in addition to the orchard floor treatments but must comply with the 10 day re-treatment interval (see Specific Use Restrictions).

Chemigation: Lorsban Advanced may be applied to citrus orchard floors through sprinkler irrigation systems only if the system uniformly covers the soil surface at the base of the tree. Apply at specified broadcast application rates to control listed pests. See Chemigation Application section.

Note: Do not apply in tank mixture with Evik herbicide.

### Pest-Specific Use Directions:

1. Excludes fire, harvester, carpenter, and pharaoh ants.

Application with Dry Bulk Fertilizer: Most dry fertilizers can be used for impregnation with Lorsban Advanced. Apply Lorsban Advanced at the equivalent broadcast rate using a minimum of 200 lb per acre of dry bulk fertilizer.

Impregnation of Dry Bulk Fertilizer: Use a closed rotary drum mixer suitable for blending of dry bulk fertilizer equipped with an internal spray nozzle. Add the dry

fertilizer to the mixer followed by the appropriate amount of Lorsban Advanced. After mixing the dry ingredients to ensure uniformity, add water through the spray nozzle in an amount sufficient to just dampen the mixture (4 to 8 pints of water per ton of fertilizer).

Position the spray nozzle within the mixer to provide uniform coverage of the tumbling mixture of fertilizer and Lorsban Advanced. Addition of water will cause Lorsban Advanced to uniformly adhere to the dry bulk fertilizer.

Apply bulk fertilizers impregnated with Lorsban Advanced immediately, do not store it. Foliar applications of Lorsban Advanced may be made in addition to the orchard floor treatments.

Compliance with any and all federal and state laws and regulations relating to the Lorsban Advanced and fertilizer mixture is the responsibility of the person offering such mixture for sale or distribution.

Specific Use Restrictions:

- Do not make more than three applications of Lorsban Advanced or other product containing chlorpyrifos per year (does not include foliar applications to citrus trees).
- Do not make a second application of Lorsban Advanced or other product containing chlorpyrifos within 10 days of the first application.
- Do not allow meat or dairy animals to graze in treated areas.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

28 days

Rates

[field rates 0](#)

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Restricted Entry Interval

5 days

Timings

[N.A.](#)