

# **ORHARD FLOOR - ANT CONTROL IN PECAN**

## General Information

### GENERAL INFORMATION

Lorsban 50W insecticide in water soluble packets is designed for use as a cover or foliar spray to control various pests. The pests controlled are listed in the accompanying table. Generally, Lorsban 50W is compatible with insecticides, miticides, and fungicides commonly recommended for agricultural crops except for alkaline materials such as Bordeaux mixture and lime. Prepare a small amount of the spray mixture and check for compatibility before mixing a large volume of spray.

### General 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 application of Lorsban 50W.
- Chemigation: Do not apply this product through any type of irrigation system.

Handling Precautions for Water Soluble Packets: Do not remove water soluble packet from the overpack except for immediate use. Do not allow packets to come into contact with water prior to use. Do not handle water soluble packets with wet hands or wet gloves. Do not open water soluble packets. Partial use of packets is not allowed. Carefully reseal package containing unopened water soluble packets and protect package from moisture.

### Application Guidelines

#### Broadcast Foliar Application

Apply with conventional power-operated spray equipment using nozzles and spray pressures recommended for insecticides. Apply Lorsban 50W 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 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 gpa or more is recommended. For band application, use proportionally less spray volume.

#### Aerial Application

Use a minimum spray volume of 2 gpa 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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- Apply 2bs/acre (2 1-lb paskets).

- Apply as a ground broadcast spray directed to the orchard floor using ground application equipment that will apply the spray uniformly. Do not allow spray to contact foliage or fruit. Since worker ants cease most of their foraging activity at temperatures above 90°F, best results will be achieved if applied when temperatures are below 90°F.

- Eliminate weed growth that would prevent uniform coverage of the orchard floor by mowing or herbicide treatment. Foliar applications of Lorsban 50W may be made in addition to the orchard floor treatment.

#### Specific Use Precautions:

- To avoid contamination of irrigation tail waters, do not flood irrigate within 24 hours of application of Lorsban 50W.

#### Specific Use Restrictions:

- Do not apply more than 12 lb of Lorsban 50W (6 lb ai chlorpyrifos) per acre per season to pecan orchard floors.

- Do not make more than 5 applications of Lorsban 50W or other products containing chlorpyrifos per season to the orchard floor.

- Do not make a second application of Lorsban 50W or other product containing chlorpyrifos within 10 days of the first application.

- Do not allow livestock to graze in treated orchards.

#### Method

[Broadcast/Foliar Ground](#)

#### Rates

[field rates 0](#)

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#### Restricted Entry Interval

24

#### Timings

[When ant activity becomes evident in the orchard.](#)