

# **COMMERCIAL SEED TREATMENT - SWEET CORN - SLURRY TREATMENT**

## 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

##### Commercial Seed Treatment

Lorsban 50W insecticide in water soluble packets is designed as a preplant slurry seed treatment prior to planting to protect the germinating seeds and seedlings. Treated seed may be stored for up to 14 months without loss of insecticidal effectiveness.

Disperse the required amount of Lorsban 50W in sufficient water to give an applied slurry. Apply using standard slurry equipment by mixing the slurry with the seed using a rotating blender or other suitable mixing equipment that will ensure each seed is uniformly coated. Uniform application to seed is necessary to ensure seed safety and best insect control.

Specific Use Precautions:

- Do not mix the seed and product with bare hands.
- Seed should be sound and well cured prior to treatment.
- Exposed treated seeds may be hazardous to birds and other wildlife.

Dispose of all excess treated seeds and seed packaging by burial away from bodies of water.

Specific Use Restrictions:

- Not for on-farm use.
- Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.
- Do not use treated seed for human consumption, as feed for livestock or poultry, or for oil purposes.
- Do not allow meat or dairy animals to graze or feed bean hay or pea hay grown from treated seed.
- Label treated seed as follows: THIS SEED HAS BEEN TREATED WITH CHLORPYRIFOS. DO NOT USE FOR FOOD, FEED OR OIL.

STORE AWAY FROM FOOD AND FOODSTUFF.

- Make only one application of chlorpyrifos.
- The purchaser of this product is responsible for ensuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR Part 2.25. Any dye added to treated seed must be cleared for use under 40 CFR Part 180.1001.

Method

[Seed Treatment](#)

[Slurry treatment](#)

Rates

[field rates 0](#)

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Timings

[Preplant](#)