

Lorsban^{*} 50-W

Insecticide

IN WATER SOLUBLE BAGS

For control of various insects on certain fruit, nut and vegetable crops

ACTIVE INGREDIENT:	% By Wt.
Chlorpyrifos: O,O-diethyl O-(3,5,6-trichloro-2 pyridinyl) phosphorothioate	50.0%
OTHER INGREDIENTS	50.0%
	TOTAL 100.0%

KEEP OUT OF REACH OF CHILDREN

 **DANGER-POISON** 
PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

STATEMENT OF PRACTICAL TREATMENT Organophosphate insecticide/miticide

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. If exposed, plasma and red blood cell cholinesterase tests may indicate significance of exposure (baseline data are useful). Atropine, only by injection, is the preferable antidote. Oximes, such as 2-PAM/protopam, may be therapeutic if used early; however, use only in conjunction with atropine. In case of severe acute poisoning, use antidote immediately after establishing an open airway and respiration.

FOR EMERGENCY MEDICAL RESPONSE AND HAZARD COMMUNICATION ONLY, CALL 1 (800) 228-5635 EXT. 283.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - POISON

Corrosive. Causes irreversible eye damage. May be fatal if swallowed. Harmful if absorbed through skin or inhaled.

Do not get in eyes or on clothing. Avoid contact with skin. Avoid breathing dust or spray mist. Work to windward to stay out of spray drift or mist.

Keep away from food, feedstuffs, and water supplies.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

NET CONTENTS _____ POUNDS

EPA Reg. No. 62719-221-10163
EPA Est. No. 67545-AZ-1

Gowan[®]

Gowan Company
P.O. Box 5569
Yuma, AZ 85366-5569

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds and wildlife, and extremely toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent aquatic sites. Cover or incorporate spills. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Avoid use when bees are actively foraging or if bees are likely to come in contact with wet or re-wetted treated surfaces. Protective information may be obtained from your Cooperative Extension Service. This product may pose a hazard to certain Federally endangered fish species. Refer to the **ENDANGERED SPECIES RESTRICTIONS** section of this label for any geographic restrictions.

ENDANGERED SPECIES RESTRICTIONS

The use of Lorsban 50-W insecticide in water-soluble bags may pose a hazard to certain Federally endangered fish species.

This product cannot be used on sour cherry trees in the following counties:

Colorado: Delta, Larimer and Mesa

Ohio: Washington

Utah: Emery, Grand, Utah and Washington

Wisconsin: Iowa, Pierce, Richland and Vernon

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read all **DIRECTIONS FOR USE** carefully before using.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours.

Longer restricted entry intervals are required for citrus trees, fruit trees, and tree nuts. See specific use directions.

Certified crop advisors or persons entering under their direct supervision under certain circumstances may be exempt from the early reentry requirements pursuant to 40 CFR Part 170.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

GENERAL INFORMATION

The outer protective package contains five 1-lb. water-soluble bags. Do not allow bags to become wet prior to adding to the spray tank. Wear gloves when handling water-soluble bags. Do not handle with wet gloves. Do not excessively handle water-soluble bags since this may cause breakage. Reseal outer package to protect remaining bags. Bags may become brittle when stored below 32°F. Handle carefully to avoid breakage.

Lorsban 50-W in water-soluble bags is designed for use as a cover or foliar spray to control various pests. The pests controlled are listed in the accompanying tables. Generally Lorsban 50-W 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.

Test compatibility of the intended tank mixture before adding Lorsban 50-W to the spray or mix tank. Add proportionate amounts of each ingredient to a pint or quart jar, cap, shake and let set 15 minutes. Formation of precipitates that do not readily redisperse indicates an incompatible mixture that should not be used.

MIXING DIRECTIONS

Lorsban 50-W mixes readily with water to form a suspension. Do not apply Lorsban 50-W (in water-soluble bags) with liquid fertilizer or oil as a carrier. Fill the spray tank 1/3 full of water. Activate the agitation system. Add the required number of water-soluble bags to the spray tank. Complete filling the spray tank while the bags dissolve and the Lorsban 50-W disperses. For best results, add all Lorsban 50-W in the water-soluble bags to the water before any other tank mix ingredients are added. Before beginning to spray, make sure the Lorsban 50-W has dispersed and the water-soluble bags have dissolved.

Note: Depending on the water temperature and degree of agitation, the bags and Lorsban 50-W should completely be dispersed within approximately 5 minutes from the time they were added to the water. Maintain sufficient agitation during both mixing and application to ensure uniformity of the spray mixture. Lorsban 50-W contains a wetting agent. Additional wetting agents, spreaders or stickers are not necessary and should only be used if previous experience with the combination indicates that undesirable crop safety effects will not occur under current conditions of use.

APPROVED USES

Use Lorsban 50-W at the dosages indicated by application as a foliar spray to control pests listed in the following tables. Where a rate range is listed in the use directions, use the higher rate for more severe infestations. Mix the required dosage in sufficient water to ensure adequate coverage and apply as a concentrate or dilute spray using conventional, power-operated ground spray equipment or by aircraft (fixed-wing or helicopter). For dilute sprays applied to tree fruits and nuts, mix the required dosage in sufficient water to allow for spray to run off. For concentrate sprays, apply an equivalent amount of Lorsban 50-W per acre. Treat when pests appear or in accordance with local conditions. Mow or beat down orchard blooming weed cover tops before applying spray to tree fruit crops to reduce hazard to bees. This step is especially important in relation to early spring cover sprays when morning conditions may be wet from dew. Lorsban 50-W will perform best in an almond or walnut pest control program that includes winter sanitation (removal of mummy nuts) and regular monitoring of target pests. To suppress pecan leaf scorch mite on pecans, use in a preventative program. For best pecan *Phylloxera* control, use two applications 7 to 10 days apart starting at bud swell and ending by early leaf expansion. For ant control on pecans, do not apply where weed growth or other obstructions would impede uniform coverage of the orchard floor. Consult your state agricultural experiment station, certified pest control advisor, or extension service specialist for specific use information in your area.