

# Supplemental Labeling



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**RESTRICTED USE PESTICIDE**

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

## Lorsban<sup>®</sup>-4E

EPA Reg. No. 62719-220

EPA 24(c) Special Local Need Registration SLN OR-940031  
For Distribution and Use Only in the State of Oregon

**Expiration Date: This label valid until December 31, 2009 or until otherwise amended, withdrawn, canceled, or suspended.**

**For Control of Garden Symphylans, Armyworms, Cutworms, Aphids, Weevils, Lygus, and Spittlebugs Infesting Clover Grown for Seed**

**ATTENTION**

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This label and the federal label must be in the possession of the user at the time of pesticide application.
- Read the label affixed to the container for Lorsban<sup>®</sup>-4E insecticide before applying. Follow all other applicable directions, restrictions, and precautions on the EPA-registered label.
- Use of Lorsban-4E according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Lorsban-4E .

Active Ingredient:

chlorpyrifos: O,O-diethyl-O-(3,5,6-trichloro-2-pyridinyl) phosphorothioate .....	44.9%
Inert Ingredients .....	55.1%
Total .....	100.0%

Contains 4 pounds of chlorpyrifos per gallon.  
Contains aromatic petroleum distillates.

## **WARNING                      AVISO**

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.)

### **Environmental Hazards**

This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Do not apply directly to water, 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 water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters or rinsate. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

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## Directions for Use

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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 applying.

This product cannot be reformulated or repackaged into other end-use products.

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 entry into treated areas during the restricted entry interval (REI) of 24 hours.

**Exception:** If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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 into treated areas that is permitted under the Worker Protection Standard and involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over short-sleeved shirt and short pants
- Chemical-resistant gloves made out of any waterproof material
- Chemical-resistant footwear plus socks
- Chemical-resistant headgear for overhead exposure

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

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## General Information

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Lorsban-4E is an emulsifiable concentrate. Application directions are provided below.

### Application Directions

#### Garden Symphylan

**Preplant:** Apply 2 quarts of Lorsban-4E per acre as a preplant broadcast application to the soil surface. Apply in a minimum of 10 gallons of water per acre to ensure thorough and complete coverage of treated soil. On the day of treatment, incorporate the insecticide into the top 2 to 4 inches of soil using a disc, field cultivator, or equivalent equipment.

**Postplant:** For established plantings, apply 2 quarts of Lorsban-4E per acre as a broadcast foliar spray before spring growth. Apply in at least 40 gallons of water per acre to ensure thorough and complete coverage and penetration.

**Armyworm, Cutworm, Weevil, Lygus and Spittlebug:** Apply 2 pints of Lorsban-4E per acre as a broadcast foliar spray. **For aphids,** apply 1 to 2 pints of Lorsban-4E per acre as a broadcast foliar spray. Mix the specified dosage in sufficient water to ensure thorough and complete coverage of treated areas. Treat when field counts or crop injury indicates that damaging pest populations are developing or present. For best cutworm control, soil should be moist and worms active on or near the soil surface at the time of treatment.

**Specific Use Restrictions:**

- Maximum single application rate is 2 lb ai chlorpyrifos per acre.
- Do not make more than 1 application of Lorsban-4E or any other product containing chlorpyrifos per crop per year.
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Do not apply to clover in bloom. Evening or night time applications when foragers are not present reduce exposure hazards. Consult your cooperative agricultural extension service for additional information concerning protection of pollinating bees.
- Lorsban-4E should not be tank mixed with pesticides, surfactants or fertilizer formulations unless prior use has shown the combination to be non-injurious under local conditions of use.
- Do not apply this product to fields when soil moisture is nearing, at, or exceeding field capacity, and/or when a rain event likely to produce runoff from the treated field is forecasted by NOAA/NWS (National Weather Service), and will occur within 48 hours.
- Certain uses of chlorpyrifos may be restricted by a U.S. District Court final order. You may refer to the Oregon Department of Agriculture web site at <http://oregon.gov/ODA/PEST/buffers.shtml>, or to the EPA web site at <http://www.epa.gov/espp/wtc/maps.htm#wtc6> for information regarding pesticides that may be impacted by the final order.

**Special Crop Use Restrictions:**

The pesticide applicator, the producer of the crop, and the seed conditioner must be aware that use of this product according to this labeling is deemed a nonfeed/non-food use by the Oregon Department of Agriculture and is regulated by Oregon Administrative Rule (OAR) 603-057-0535, Pesticide Use on Crops Grown for Seed. If the applicator of this pesticide is not the producer, the applicator should provide a copy of this labeling to the producer of the crop. Producers of this crop who use this product, or cause the product to be used on a field they operate, should provide a copy of this pesticide label to the seed conditioner.

This pesticide does not have an established pesticide residue tolerance for this crop. Consequently, no portion of this seed crop may be used or distributed for food or feed. This restriction pertains to, but is not limited to, green chop, hay, pellets, meal, whole seed, cracked seed, straw, roots, bulbs, foliage or seed screenings, and to the grazing of the crop field, stubble or regrowth. All seed screenings shall be disposed of in such a manner that the screenings cannot be distributed or used for food or feed purposes, as indicated in OAR 603-057-0535. Additional regulations concerning seed screenings are stated in OAR 603-057-0535.

Any seed from a field treated with this pesticide product shall bear specific and conspicuous container labeling, or if shipped in bulk, on the shipment invoice or bill of lading. The labeling shall contain the following statement:

"This seed was produced using one or more products for which the United States Environmental Protection Agency has not established pesticide residue tolerances. This seed, in whole, as sprouts, or in any form, may not be used for human consumption or animal feed. Failure to comply with this condition may violate requirements of the Federal Food and Drug Administration, the Oregon Department of Agriculture and other regulatory agencies."

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Replaces D06-062-041.

**Revisions:** Added Spanish statement after signal word; deleted Precautionary Statements; revised Environmental Hazards, Ag Use Requirements, General Information, Application Directions, Specific Use Restrictions; deleted Mixing Directions