

# Supplemental Labeling



Dow AgroSciences LLC

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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> Advanced

EPA Reg. No. 62719-591

EPA 24(c) Special Local Need Registration SLN OR-090010  
For Distribution and Use Only in the State of Oregon

Expiration Date: This label valid until December 31, 2012 or until otherwise amended, withdrawn, canceled, or suspended.

### 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> Advanced insecticide before applying. Follow all other applicable directions, restrictions, and precautions on the EPA-registered label.
- Use of Lorsban Advanced according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the container for Lorsban Advanced.

#### Active Ingredient:

chlorpyrifos: O,O-diethyl-O-  
(3,5,6-trichloro-2-pyridinyl)  
phosphorothioate .....40.18%

Other Ingredients .....59.82%

Total .....100.00%

Contains 3.755 lb of chlorpyrifos per gallon.

Contains petroleum distillates.

#### Keep Out Of Reach Of Children

## 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, 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 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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### Restricted Use Pesticide

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.

### Product Information

Lorsban Advanced is an emulsion in water. This product resists washoff once it is dry. Application directions are provided below.

### Application Directions

#### Garden Symphylan

**Preplant:** Apply 2 quarts of Lorsban Advanced 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 Advanced 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 Advanced per acre as a broadcast foliar spray. For **aphids**, apply 1 to 2 pints of Lorsban Advanced 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 1.88 lb ai chlorpyrifos per acre.
- Do not make more than one application of Lorsban Advanced 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 Advanced 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.

### Label Buffer Zones

Follow the Spray Drift Management Program on the Section 3 (main) label for Lorsban Advanced. There are mandated buffer zone restrictions on the label when making applications adjacent to permanent bodies of water such as rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds. These treatment setbacks or buffer zones range from 25 to 150 feet, depending upon application method. These buffer zones must be followed even if the particular body of water is not affected by the court order referred to below. Follow all directions and restrictions on the Section 3 and Section 24c labels.

Application Method	Required Setback (Buffer Zone) (feet)
ground boom	25
chemigation	25
orchard airblast	50
aerial (fixed wing or helicopter)	150

Buffer zones are areas adjacent to certain bodies of water in which the pesticide cannot be applied. Buffer zones should be measured starting from the normal high water mark. The purpose of a buffer is to reduce the probability that pesticides will enter water either through drift or runoff.

### Court Ordered Buffer Zones

The use of chlorpyrifos near certain waterways in Oregon is subject to the January 22, 2004 Order for Injunctive Relief in Washington Toxics Coalition, et al. v. EPA. Because of the court order, buffer restrictions are required when applying chlorpyrifos near specific bodies of water (“affected waterways”). All counties in Oregon contain affected waterways which require buffer zones when using chlorpyrifos except for: Baker, Deschutes, Harney, Klamath, Lake, and Malheur counties. If your application site is adjacent to a stream depicted on the web sites referenced below, then a certain size of buffer zone must be observed. Listed waterways are indicated at: <http://egov.oregon.gov/ODA/PEST/buffers.shtml> & <http://www.epa.gov/espp/litstatus/wtc/maps.htm>.

Generally, the buffers established by the Court are 20 yards (60 feet) for ground application and 100 yards (300 feet) for aerial application. If there are no listed streams or rivers adjoining the application site, then the court order is not applicable to your situation. Please note, on many of the newer chlorpyrifos Section 3 (main) labels, including Lorsban Advanced, there are buffer zone restrictions. Follow the most restrictive buffer zone. For example, if you are making a ground boom application adjacent to an affected waterway, you need to use a buffer zone of 60 feet (court ordered buffer zone), instead of the 25 feet buffer zone indicated on the pesticide label.

## Reducing Runoff

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 with 48 hours.

Runoff and drift of this pesticide from treated areas may be hazardous to aquatic organisms. This pesticide has been detected in Oregon waterways and it has been designated as an Oregon Pesticide of Concern. Information regarding this designation and Oregon's Water Quality Pesticide Management Plan is available at: [http://www.oregon.gov/ODA/PEST/water\\_quality.shtml](http://www.oregon.gov/ODA/PEST/water_quality.shtml)

Riparian buffers or filter strips have been shown to significantly reduce runoff of sediment and contaminants into water bodies. The width of an effective buffer is dependent upon a number of factors such as the slope of the field. For additional assistance on the installation and effectiveness of buffers, consult with your local conservation district, USDA-NRCS office or university extension.

## 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 must 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, must 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 for 1 year (365 days) after the last application of this product. This restriction pertains to, but is not limited to, green chop, forage, 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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Initial printing.