

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.



Dow AgroSciences

Dow AgroSciences LLC

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Lorsban[®] Advanced

EPA Reg. No. 62719-591

EPA 24(c) Special Local Need Registration SLN WA-090002

For Distribution and Use Only in the State of Washington

Control of Cutworms, Grape Mealybugs, and Scale Insects Infesting Grape

Directions for Use

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of pesticide application.
- Read the label affixed to the container for Lorsban[®] Advanced insecticide before applying. Follow all applicable directions, restrictions, Worker Protection Standard requirements, 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.

Cutworms: Apply Lorsban Advanced at the rate of 1 quart per acre as a banded application to the base of the vines in a spray volume of at least 25 gallons of water using power-operated ground spray equipment. Treat when cutworms first become active and when field counts indicate damaging insect populations are developing or present. Do not apply after bloom stage of growth. Consult your state agricultural experiment station or extension service specialist concerning cutworm control practices in your area.

Grape Mealybugs and Scale (Hard and Soft) Insects: Apply Lorsban Advanced at the rate of 1 to 2 quarts per acre in a minimum spray volume of at least 50 gallons of water per acre using ground equipment only. To obtain thorough coverage, spray all above-ground parts, especially the trunk and cordons, where mealybugs are located. Use the 1 quart rate for normal infestations prior to bloom stage of growth. Use the 2 quart rate for high infestations as a dormant or late dormant application only. If an application is made at the 2 quart rate, a second application is not allowed.

Specific Use Precautions and Restrictions:

- **Restricted Entry Interval:** Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours unless PPE required for early entry is worn.
- **Preharvest Interval:** Do not apply within 35 days of harvest.
- Do not apply more than 2 quarts of Lorsban Advanced (1.88 lb ai chlorpyrifos) per acre per crop growing season or make more than two applications. If the 2 quart application rate is used, only one application is allowed. For prebloom applications, do not apply more than 1 quart (0.94 lb ai chlorpyrifos) per acre.
- **Chemigation:** For use under this SLN label, do not apply this product through any type of irrigation system.
- Applications after budbreak may result in transient leaf yellowing (Concords).
- This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product blooming grapes during the pollination period. Apply as a pre-bloom spray, or apply at the end of the pollination period. Bee colonies used for pollination should be removed from the field being treated prior to the application. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area. Notify beekeepers pollinating crops within 1/4 mile of the field to be treated at least 48 hours prior to the application.
- **Sensitive Areas:** The pesticide should only be applied when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, non-target crops) is minimal (e.g., when wind is blowing away from the sensitive areas).

- Observe the following precautions when spraying Lorsban Advanced adjacent to permanent bodies of water such as rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds. The following setbacks or buffer zones must be utilized for applications around the above-listed aquatic areas with the following application equipment:

Application Method	Required Setback (Buffer Zone) (feet)
ground boom	25
airblast sprayer	50

Making applications when wind is blowing away from sensitive areas is the most effective way to reduce the potential for adverse effects.

Notes

- Tank mixing with Superior-type oil or other pesticides recommended in the Washington State University's most recent pest management guide for grapes is permitted provided the registered labels for all pesticide products are followed.

WSDA Aquatic Advisory: This pesticide is toxic to fish, aquatic invertebrates, small mammals and birds. Lorsban Advanced should not be used under this SLN label where impact on listed threatened or endangered species is likely. You may refer to the WSDA Endangered Species Program web site at <http://agr.wa.gov/PestFert/NatResources/EndangSpecies.aspx>, or contact the Washington Department of Fish & Wildlife, National Marine Fisheries Service (NOAA Fisheries) or US Fish & Wildlife Service for information regarding aquatic species listed as threatened or endangered. Consult the federal label for additional restrictions and precautions to protect aquatic organisms.

WSDA Container Disposal Guidance: Pesticide containers must be properly cleaned prior to disposal. The best time to clean empty pesticide containers is during mixing and loading because residue can be difficult to remove after it dries. Triple rinse (or pressure rinse) the pesticide container, empty all pesticide rinse water into the spray tank, and apply to a labeled crop or site. Recycling cleaned containers is the best method of container disposal. Information regarding the recycling of empty and cleaned plastic pesticide containers in Washington is available on the WSDA Waste Pesticide Program web site at <http://agr.wa.gov/PestFert/Pesticides/WastePesticide.aspx>. Cleaned containers may also be disposed of in a sanitary landfill if permitted by the county. Burning is not a legal method of container disposal in Washington.

Certain uses of chlorpyrifos may be restricted by a U.S. District Court final order. You may refer to the WSDA Endangered Species Program web site at <http://agr.wa.gov/PestFert/natresources/Buffers.aspx> for information regarding pesticides that are impacted by the final order.

Expiration date: This label for Lorsban Advanced expires and must not be distributed or used in accordance with this SLN registration after December 31, 2021.

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