

Restricted Use Pesticide. Due to toxicity to aquatic invertebrate animals.

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

SUPPLEMENTAL LABEL

This supplemental label expires on February 4, 2019
and must not be used or distributed after this date.

Dimilin® 2L

Insect Growth Regulator

EPA Reg. No. 400-461

**For Use on alfalfa, carrot (not grown for seed),
peach subgroup 12-12B, plum subgroup 12-12C,
peppers/eggplant subgroup 8-10B**

Active Ingredients: (% by weight)

diflubenzuron

N-[[[4-Chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide* 22%

Other Ingredients:..... 78%

TOTAL100%

*Contains 2 lbs. diflubenzuron per gallon.

*U.S. Patent Number: 6,057,370; and 6,376,430B1 and other patents pending.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

THIS LABEL IS IN ADDITION TO THE STANDARD FEDERAL LABEL ON THE CONTAINER

Follow all applicable directions, restrictions and precautions on this supplemental labeling and the main EPA registered label. It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This label and the federal label for this product must be in the possession of the user at the time of the pesticide application.

Read the label affixed to the container for Dimilin2L, EPA Reg. No. 400-461, before applying. Use of Dimilin 2L according to this labeling is subject to the use precautions and limitations imposed on the label affixed to the container for Dimilin 2L, EPA Reg. No. 400-461.

Manufactured for:
MacDermid Agricultural Solutions, Inc.
245 Freight Street
Waterbury, CT 06702-1818

Version 070/020416
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ENVIRONMENTAL HAZARDS

This pesticide is toxic to terrestrial juvenile insects and aquatic invertebrates/mollusks/insects. 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 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 may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination or water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a foliar application.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in reducing immature bee viability.

DIRECTIONS FOR USE

Crops	Pests	Application Rate (fl oz/acre)	Application Timing
ALFALFA AND ALFALFA GROWN FOR SEED	ALFALFA RESTRICTIONS: Do not apply more than 6 fl oz (1.5 ozs a.i.) per acre per season. Do not exceed a total of 2 fl oz per acre per cutting. Do not make more than three applications per year. For use West of the Mississippi River. Preharvest Interval (PHI): Allow at least 1 day after treatment before cutting forage or hay. Allow at least 1 day after the final treatment before harvest of alfalfa seed.		
	Grasshopper Mormon cricket	1 – 2	Apply at early instar stages (majority in the 2nd through 4th instar nymphal stages) of growth. Use a higher rate in the rate range for heavy infestations or advanced growth stage of target pest. Dimilin 2L is not effective in controlling grasshoppers once they reach the adult stage. If a large influx from neighboring fields should occur, the time to reduce that population may not be short enough to maximize extensive foliage feeding; use a tank mix with a knockdown insecticide under these conditions.
	Dilution Rate: Apply Dimilin® 2L as a foliar spray in sufficient water to provide thorough coverage of the foliage. Aerial Application: Apply in 2 to 5 gallons total volume per acre. Ground Application: Apply in 5 to 15 gallons of total volume per acre. Adjuvant Usage: The addition of 1 pint per acre of emulsified vegetable or paraffinic crop oil will aid canopy penetration and minimize water evaporation.		
	CARROT* (NOT GROWN FOR SEED) CARROT RESTRICTIONS: Do not apply this product to carrots grown for seed. Do not apply more than 16 fl oz (0.25 lb 4.0 ozs.a.i.) per acre per year. Do not make more than 2 applications per year. Allow a minimum of 7 days between treatments. Pre-harvest Interval: Allow at least 7 days after treatment before harvest.		
	Carrot weevil*	8	Apply at first sign of larval infestation.
Ground application: Apply Dimilin 2L in sufficient water using 20 to 50 gallons of water per acre. * Not registered for use in California			

Crops	Pests	Application Rate (fl oz/acre)	Application Timing
PEACH SUBGROUP 12-12B INCLUDES: nectarine and peach and cultivars, varieties and hybrids of these. Plum subgroup 12-12C includes: apricot Japanese apricot Chinese jujube plum American plum Beach plum Canada plum cherry plum Chickasaw plum Damson plum, Japanese plum Klamath plum plum prune plumcot sloe cultivars, varieties and hybrids of these	PEACH AND PLUM RESTRICTIONS: Do not make more than two applications per calendar year Do not apply more than 32 fl oz (0.5 lb a.i.) of Dimilin 2L per acre per season. Allow at least 14 days between applications. Pre-Harvest Interval: Allow at least 14 days after treatment before harvest.		
	Peach twig borer	12 - 16	Apply Dimilin 2L at a rate 12 to 16 fl oz/acre (0.1875 lb a.i. to 0.25 lb a.i./acre). Two applications can be made with a 14 day interval between applications. Dormant/delayed dormant: Apply DIMILIN 2L with 4 to 6 gallons per acre (1.5 to 2.0 gallons per 100 gallons in a dilute spray) narrow range oil. Always use the higher listed rate of DIMILIN 2L if the crop has a history of heavy infestations. Bloom to Harvest: Apply starting at early bloom. Vegetable oil may be used during bloom at the rate of 1 qt per acre. Always use the higher listed rate in the range if the crop has a history of heavy infestations.
	Fall webworm Filbert leafroller Oblique banded leafroller Omnivorous leafroller Omnivorous leaf-tier Oriental fruit moth Redhumped caterpillar Variegated leafroller Walnut caterpillar Winter moth Codling moth* Katyids* Plum cucurlio*	8 - 16	Apply Dimilin 2L at a rate of 8 to 16 fl oz/acre (0.125 lb a.i. to 0.25 lb a.i./acre). Two applications can be made with a 14 day interval between applications. Apply Dimilin 2L at first sign of larval infestation. Use the higher listed rate for longer residual control, higher pest infestations, low crop load, larger trees or heavy, dense foliage. For adult control of plum cucurlio, tank mix with an adulticide.
	Ground applications must be made in sufficient water for thorough coverage, using at least 50 gallons per acre for small trees (10 feet tall) and at least 100 gallons per acre for larger trees. Using insufficient water for thorough coverage and/or using an uneven spray pattern across the canopy will likely result in less than desired efficacy. Adjuvant: Crop oil at a rate of 0.25% v/v may be included in the tank mixture. *Not registered for use in California		

The Pepper/Eggplant Subgroup 8-10B includes the following crops:

Crops	Pests	Application Rate (fl oz/acre)	Application Timing
PEPPER/ EGGPLANT SUBGROUP 8-10B includes: African eggplant; bell pepper; eggplant; martynia; nonbell pepper; okra; pea eggplant; pepino; roselle; scarlet eggplant; cultivars, varieties, and/or hybrids of these	PEPPER RESTRICTIONS: Up to five applications per growing season may be made, but do not exceed 24 fl oz. (6 ozs. ai.) per acre, per season. Allow a minimum of seven days between any two applications. Pre-harvest interval: Do not apply within seven days of harvest.		
	Beet armyworm Fall armyworm Southern armyworm and other foliage feeding Lepidopteran insects	4 - 8	Make initial application of 4 to 8 fl oz. Dimilin 2L per acre when larvae are small to give greater control and minimum damage to leaves and/or to fruit. Use a higher listed rate if being applied alone and/or infestation is considered heavy. A knockdown tank-mix partner should be used if late instar larvae are present. Use a minimum of 30 gallons of water per acre to give uniform coverage. Additional applications allow for more complete coverage of new foliage and expanding fruit.
	Pepper weevil	4 - 8	Apply Dimilin 2L at 4 to 8 fl oz. per acre starting at initial flowering. Use at the higher listed rate if adult infestation is considered moderate to heavy. Apply additional applications at 7 day intervals up to 7 days before harvest. Additional applications allow for more complete coverage of new foliage and expanding fruit. Note that Dimilin 2L will not control adults; however eggs laid by adults will exhibit reduced hatching in fruits once adults have consumed or contacted residues of Dimilin 2L on pepper tissue.
	Aerial application: Apply in sufficient water (3 to 10 gallons per acre) to achieve uniform coverage of foliage. Ground application: Use a minimum of 30 gallons of water per acre to give uniform coverage. Adjuvant Usage: See Cotton Section. Since DIMILIN 2L is an insect growth regulator, larvae and nymphs must ingest treated plant material and then molt before populations are reduced. Thus initial signs of control may not be seen until 5 to 7 days after treatment.		

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