

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

DMA[®] 4 IVM

(EPA Reg. No. 62719-3)

EPA 24(c) Special Local Need Registration SLN WA-070007
(For Distribution and Use Only in the State of Washington)

Control of Eurasian Watermilfoil in Slowly Moving Waters Using Drip Application

For Distribution and Use Only by Applicants Approved Under the Aquatic Plant and Algae Management General Permit National Pollutant Discharge Elimination System (NPDES) and State Waste Discharge General Permit (Permit No. WAG-994000) issued by the Washington State Department of Ecology. All applicants must secure coverage under NPDES Permit No. WAG-994000 with the Washington State Department of Ecology prior to making any applications.

AND/OR

For Distribution and Use Only by Applicants Approved Under the Aquatic Noxious Weed Control National Pollutant Discharge Elimination System Waste Discharge General Permit (Permit No. WAG-993000) issued by the Washington State Department of Ecology and made available by the Washington State Department of Agriculture. All applicants must secure coverage under NPDES Permit No. WAG-993000 with the Washington State Department of Agriculture prior to making any applications.

Expiration Date: This label for DMA 4 IVM expires and must not be distributed or used in accordance with this SLN registration after December 31, 2013.

ATTENTION

- 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 application.
- Follow all applicable directions, restrictions, Worker Protection Standard Requirements, and precautions on the EPA registered label.

Directions for Use

DMA 4 IVM herbicide is labeled for aquatic weed control in the following use sites: ponds, lakes, reservoirs, marshes, drainage ditches, canals, rivers and streams that are quiescent or slow moving. Prior to application, coordination and approval of local and state authorities may be required, either by letter or agreement or issuance of special permits for such use.

The Dow AgroSciences product DMA 4 IVM herbicide, containing 46.3% 2,4-D dimethylamine salt, is registered in the state of Washington and is labeled for use in sub-surface applications to quiescent or slow moving waters at the rate of 2 to 4 parts per million (1.42 to 2.84 gallons per acre-foot). The Washington State Department Of Ecology has approved an integrated aquatic vegetation management plan that proposes to apply DMA 4 IVM herbicide to control infestations of Eurasian Watermilfoil in slowly

moving water using a drip system to maintain a minimum concentration of 1 ppm over a period of 48 hours.

Except as described below, all applicable label directions, precautions and restrictions must be followed:

- Application is to be conducted during a period of time when Eurasian Watermilfoil is actively growing and stream flow is expected to remain stable.
- Drip system is to be located a sufficient distance upstream from infested area to allow for mixing of the herbicide with the stream flow prior to entering infested area. Alternatively, the herbicide mixture may be introduced through multiple openings across the width of the stream in order to achieve uniform distribution of the herbicide in the flowing water.
- Drip system is to be located and operated in a manner that ensures the drip application will be delivered uniformly over the duration of the treatment and equipment is reasonably secure from tampering.
- Maximum application rate must not exceed 0.71 gallons of DMA 4 IVM per acre-foot of water (1.0 ppm) and duration of drip application must not exceed 48 hours.

Measurement of Stream Flow: Accurate measurement of stream flow in treatment area and calculation of estimated treatment volume in **acre-feet** is to be determined prior to application.

Objective: To maintain 1.0 ppm of 2,4-D active ingredient for 48 hours in Milfoil infested area.

Rate Calculation: Calibrate application equipment to uniformly deliver 0.71 gallons (1.0 ppm) of DMA 4 IVM per acre foot of water volume.

Example of Rate Calculation:

- Assuming a flow rate of 3.4 cubic ft per second, the total flow in 48 hours = 3.4 cu ft/sec X 3600 sec/hr X 48 hr = 587520 cu ft. 587,520, cu ft / 43560 cu ft/acre = 13.5 acre ft.
- 13.5 acre ft X 0.71 gallons of DMA 4 IVM per acre ft = 9.585 gallons of DMA 4 IVM
- 9.59 gal / 48 hr = 0.2 gal/hr = 25.6 oz/hr = 0.43 oz/min

Note: Product may be diluted 50% or more with water if a larger volume of herbicide mixture is needed for accurate calibration of injection equipment.

Environmental Hazards: This product is toxic to aquatic invertebrates. This product 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/EnvResources/EndangSpecies.htm> 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.

Fish breathe dissolved oxygen in the water and decaying weeds also use oxygen. When treating continuous, dense weed masses, it may be appropriate to treat only part of the infestation at a time. For example, apply the product in lanes separated by untreated strips that can be treated after vegetation in treated lanes has disintegrated. During the growing season, weeds decompose in a 2 to 3 week period following treatment. Begin treatment along the shore and proceed outwards in bands to allow fish to move into untreated areas. Waters having limited and less dense weed infestations may not require partial treatments.

Restrictions:

- Do not apply within 1,500 feet of an active potable or irrigation water intake.
- **Irrigation:** Unless an approved assay indicates that the 2,4-D concentration is 100 ppb (0.1 ppm) acid or less, do not use water from treated areas for; (1) irrigation or other than non-crop areas or

those crops or plants labeled for direct application of 2,4-D; or (2) mixing spray for agricultural or ornamental plants.

- Potable water: Unless an approved assay indicates that the 2,4-D concentration is 70 ppb (0.07 ppm) acid or less, do not use water from treated areas for potable water (drinking water).
- Certain uses of 2,4-D 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/EnvResources/Buffers.htm> for information regarding pesticides that are impacted by the final order.
- **Entry Restrictions for Non-WPS Uses:** When this product is applied in aquatic areas, do not enter or allow people (or pets) to enter the treated area until sprays have dried.
- Do not make a broadcast application within 21 days of previous broadcast application. Spot treatments are permitted.

WSDA Container Disposal Guidance: 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.htm>. 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.

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