



**FIFRA 24(c) Special Local Need Label (SLN)
FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MINNESOTA**

S-METOLACHLOR	GROUP	15	HERBICIDE
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Dual Magnum® Herbicide

For Control of Weeds in: Crop Group 13 (Berries): Blackberry; Blueberry, highbush; Blueberry, lowbush; Currant; Elderberry; Gooseberry; Loganberry; Raspberry, black and red; Strawberry

**EPA Reg. No. 100-816
EPA SLN No. MN-260007**

This label expires and must not be distributed or used in accordance with this SLN registration after December 31, 2030

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**SYNGENTA'S SPECIAL CONDITIONS, RISKS OF USE AND DISCLAIMER FOR USE OF
DUAL MAGNUM HERBICIDE ON CROPS ON THIS 24(c) LABEL**

IMPORTANT- READ BEFORE USE

THESE CONDITIONS RISKS OF USE AND DISCLAIMER ARE REQUIRED BY SYNGENTA CROP PROTECTION LLC AND NOT SPECIFIED BY U.S. EPA OR THE OF STATE OF MINNESOTA

USE OF DUAL MAGNUM HERBICIDE (THE "PRODUCT") ON CROPS LISTED (THE "CROP") FOR THIS SPECIAL LOCAL NEED MAY RESULT IN CROP INJURY, CROP YIELD REDUCTION AND/OR CROP LOSS AS FURTHER DISCUSSED BELOW. READ AND UNDERSTAND THESE CONDITIONS AND RISKS OF USE FOR SPECIAL LOCAL NEED BEFORE USING THE PRODUCT ON THE CROP. SYNGENTA RECOMMENDS THAT THE USER TEST THIS PRODUCT TO DETERMINE ITS SUITABILITY FOR SUCH INTENDED USE.

Syngenta Crop Protection, LLC makes the Product available for use in the manner described in this Section 24(c) Labeling on the basis that, in the sole opinion of the user, the benefits and utility derived from the use of the Product on the Crop outweigh the potential risk of Crop injury, Crop yield reduction or Crop loss.

The decision to use this Product in the manner described in this Section 24(c) Labeling must be made by each individual user on the basis of anticipated benefits versus (i) the potential risk of Crop injury, Crop yield reduction and Crop loss, (ii) the severity of the target pest infestation, (iii) the cost and availability of alternative pest controls and (iv) any other relevant factors. Syngenta recommends that the user test this Product to determine its suitability for such intended use.

By purchasing the Product for use, or using the Product in the manner described in this Section 24(c) Labeling, you acknowledge and accept that, to the extent consistent with applicable law:



- 1) you assume all risk of Crop injury, Crop yield reduction and Crop loss;
- 2) Syngenta Crop Protection, LLC do not make, and do not authorize any agent or representative to make, any representations or recommendations regarding the use of this Product on the Crop other than the statements on this Section 24(c) labeling;
- 3) Syngenta Crop Protection, LLC do not make, and do not authorize any agent or representative to make, any warranties, express or implied, with respect to the use of the Product on the Crop and disclaim all warranties, expressed or implied, including any implied warranty of merchantability;
- 4) Syngenta Crop Protection, LLC disclaim all liability for any damages, losses, expenses, claims or causes of actions arising out of or relating to Crop injury, Crop yield reduction and/or Crop loss;
- 5) these conditions and Risks of Use for Special Local Need supersede any contrary representations or recommendations by Syngenta Crop Protection, LLC or their respective agents or representatives, and any provisions in or on any Product literature or labeling including any provisions on the label affixed to the Product container.

If these Conditions and Risks of Use for Special Local Need are not acceptable, the unopened Product may be returned to the seller for a refund or used for a different labeled use in accordance with the label affixed to the Product container.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

DIRECTIONS FOR USE

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This SLN label and main EPA-registered label must be in the possession of the user at the time of pesticide application.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on this SLN label and the main EPA-registered label.
- Dual Magnum will not control emerged weeds. For effective weed control, Dual Magnum must be applied to clean-tilled soil.
- The risk of crop injury increases when adjuvants (e.g., non-ionic surfactants, crop oils, etc.), nitrogen sources (e.g., AMS, UAN), fertilizers or other pesticides are applied with Dual Magnum.

BLACKBERRY; LOGANBERRY; RASBERRY, red and black & cultivars and hybrids of these

- Banded or Row-Middle
-

For summer bearing canes, apply Dual Magnum in the early spring as a banded application to both sides of the plant canes at 1.0 – 2.0 pt/A (0.95-1.91 lb ai/A) prior to weed emergence. For mowed or fall bearing canes, apply as a banded or broadcast application to bare soil in the spring. The application to summer bearing canes should be directed to the soil surface to avoid direct contact with the crop foliage or crop injury may occur. Use the lower end of the Dual Magnum rate range for soils that are relatively coarse textured and the higher rates on fine textured soils.



Precautions: (1) Dual Magnum will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means. (2) Not all caneberry types, cultivars or hybrids have been tested so injury from Dual Magnum may occur on some crops. (3) The risk of crop injury from Dual Magnum is greater at the higher use rates. (4) Application of Dual Magnum to crop foliage may result in crop injury and illegal residues. (5) Caneberry plants that have been established for less than one year may be more sensitive to applications of Dual Magnum than those plants established for more than one year. For this reason, the lower rates are suggested on newer plantings.

Restrictions: (1) Do not make more than one application of Dual Magnum per crop per season. (2) Do not apply more than 2.0 pt/A (1.91 lb ai/A) of Dual Magnum per crop per year. Do not apply more than 1.91 lb ai/A per year of S-metolachlor-containing products to berries listed above. (3) Do not harvest for 28 days following the Dual Magnum application.

BLUEBERRY, highbush and lowbush; CURRANT; ELDERBERRY; and GOOSEBERRY

- Banded or Row-Middle
-

Apply Dual Magnum as a banded treatment to both sides of the blueberry row at 0.67 – 1.3 pt/A (0.64-1.24 lb ai/A) prior to weed emergence. The application should be directed to the soil surface in a 3 foot band on each side of the blueberry row to avoid direct contact with the crop foliage or crop injury may occur. Use the lower end of the Dual Magnum rate range for soils that are relatively coarse textured and higher rates on fine textured soils.

Precautions: (1) Dual Magnum will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means. (2) Not all blueberry cultivars have been tested so injury may occur on some types of blueberry. Growers are encouraged to treat a few plants as a test and evaluate crop injury. (3) The risk of crop injury from Dual Magnum is greater at the higher use rates. (4) Blueberry plants that have been established for less than one year may be more sensitive to applications of Dual Magnum than those plants established for more than one year. For this reason, the lower rates are suggested on newer plantings. (5) Tank mixing Dual Magnum with other products (pesticides, etc.) will increase the risk for foliar crop injury.

Restrictions: (1) Do not make more than one application per crop per season. (2) Do not apply more than 1.3 pt/A (1.24 lb ai/A) of Dual Magnum per year. Do not apply more than 1.24 lb ai/A per year of S-metolachlor-containing products to berries listed above. (3) Do not harvest for 28 days following the Dual Magnum application.

STRAWBERRY, annual and perennial

- Preplant, Preemergence, Postemergence, Postemergence-(row-middles) & Renovation
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Dual Magnum may be applied for residual control or suppression of annual grasses, yellow nutsedge and small seeded broadleaf weeds. Dual Magnum will not control emerged weeds so use an appropriate registered foliar herbicide or mechanical or physical methods to control emerged weeds.



Application Timing	Crop Growth Stage	Rate (pt/A) ¹	Pre-harvest Interval ²
Preplant ³	Before transplanting	0.67 - 1.33 (0.64-1.27 lb ai/A)	30 days
Pre-emergence	Dormant before emergence in spring		
Post-emergence	After emergence from dormancy or after transplanting	0.67 - 1.33 (0.64-1.27 lb ai/A)	30 days
Post-emergence to row middles			
Renovation	After harvest	0.67 - 1.33 (0.64-1.27 lb ai/A)	30 days

¹ Use lower rates on coarse-textured soils and higher rates on fine-textured soils

² Time between Dual Magnum application and crop harvest

³ No more than 14 days prior to transplanting

If crops are grown on plastic mulch, the Dual Magnum pre-emergence application should be made before laying the plastic. Dual Magnum may also be applied as a row middle application after the laying of the plastic mulch.

Dual Magnum can be applied as part of a sequential weed control program. If Dual Magnum was applied as a pre-transplant treatment, a second treatment of Dual Magnum can be applied postemergence provided the total per crop does not exceed 2.5 pt/A (2.38 lb ai/A).

Precautions: (1) If a pre-plant application is used, soil incorporation is not recommended. Minimize the mixing of herbicide treated soil into the seed furrow through the planting operations, so as to reduce the risk of crop injury. (2) The risk of post-emergence crop injury increases when adjuvants (e.g. non-ionic surfactants, crop oils, etc.), nitrogen sources (e.g. AMS, UAN), fertilizers or other pesticides are applied with Dual Magnum.

Restrictions: (1) Do not apply more than 1.33 pt/A (1.27 lb ai/A) of Dual Magnum in a single application. (2) Do not apply more than 2.5 pt/A (2.38 lb ai/A) of Dual Magnum per year. Do not apply more than 2.38 lb ai/A per year of S-metolachlor-containing products to strawberry. (3) Do not harvest for 30 days after the application of Dual Magnum.

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