



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

S-METOLACHLOR	GROUP	<b>15</b>	HERBICIDE
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**Dual Magnum® Herbicide**

**For Control of Weeds in: Crop Group 4 (Leafy Vegetables (except Brassica Vegetables): Broccoli, Raab; Cabbage, Chinese (Bok Choy); Collards; Kale; Mizuna; Mustard Greens; Mustard Spinach; Rape Greens; Turnip Greens; Cilantro, Fresh Leaves; Swiss Chard; and Spinach**

**EPA Reg. No. 100-816  
EPA SLN No. MN-260003**

**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.

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**BROCCOLI, RAAB; CABBAGE, CHINESE (BOK CHOY); COLLARDS; KALE; MIZUNA; MUSTARD GREENS; MUSTARD SPINACH; RAPE GREENS; TURNIP GREENS**

- Preemergence and Postemergence
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**Soil Applied:** Apply a single preemergence broadcast treatment of Dual Magnum at 0.67 - 1.3 pt/A (0.64-1.24 lb ai/A) to the soil surface after planting, but before weeds or crop emerge. Within the rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. Dual Magnum will not control emerged weeds. Control emerged weeds with an appropriate registered herbicide or by mechanical or physical means.



**Post Applied:** Dual Magnum may be applied post-emergence for residual control of grasses and small seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum at 0.67 - 1.3 pt/A (0.64-1.24 lb ai/A) after crops have between 1-2 true leaves. Dual Magnum will not control emerged weeds, therefore, emerged weeds must be controlled by cultural or chemical methods. The risk of crop injury increases when nitrogen sources (e.g. AMS, UAN), fertilizers or other pesticides are applied with Dual Magnum.

**Restrictions:** (1) 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 the above listed crops. (2) Make only one application per crop. (2) Do not harvest within 30 days of application

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### **CILANTO, *fresh leaves***

- Preplant, prior to planting
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Dual Magnum is applied for residual suppression or control of annual grasses, yellow nutsedge and small-seeded broadleaf weeds.

**Soil Application:** Apply Dual Magnum at 0.67 - 1.0 pt/A (0.64-0.95 lb ai/A) to the soil surface after planting, but before weeds or crop emerge (preemergence). Within the Dual Magnum rate range, use lower rates on coarse-textured soils and higher rates on fine-textured soils.

Dual Magnum may also be used as a preplant application prior to planting of cilantro. If applied as a preplant application, do not incorporate Dual Magnum into the soil by mechanical methods or irrigation prior to planting of cilantro. Following a preplant application, minimize the mixing and incorporation of treated Dual Magnum soil into the seed furrow through the planting operation. Incorporation or mixing of Dual Magnum into the soil prior to planting will significantly increase the risk of crop injury.

Dual Magnum will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.

The risk of crop injury increases when fertilizers or other pesticides are applied with Dual Magnum.

**Restrictions:** (1) Do not apply more than 1.0 pt/A (0.95 lb ai/A) of Dual Magnum per year. Do not apply more than 0.95 lb ai/A per year of S-metolachlor-containing products to cilantro. (2) Make only one Dual Magnum application per crop. (3) Do not harvest fresh leaves or stems for 30 days after the application of Dual Magnum. (4) Do not harvest seed for 70 days after the application of Dual Magnum.

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### **SWISS CHARD**

- Preemergence, after planting
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Apply a single broadcast application of Dual Magnum at 0.5 - 1.0 pt/A (0.48-0.95 lb ai/A) to the soil surface, after planting, but before weeds or crop emerge (i.e., preemergence). Use lower rates on relatively coarse-textured soils and higher rates on fine-textured soils. A band application may also be used, applying proportionally less spray mixture on the area treated. Dual Magnum will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means.



**Precautions:** (1) In general, the risk of crop injury is greater on lighter textured soils and with higher application rates.

**Restrictions:** (1) Make only one application of Dual Magnum per crop. (2) Do not apply more than 1.0 pt/A (0.95 lb ai/A) of Dual Magnum per year. Do not apply more than 0.95 lb ai/A per year of S-metolachlor-containing products to Swiss chard. (3) Do not harvest Swiss chard within 62 days of the Dual Magnum application. (4) Do not apply as a tank mixture with nitrogen fertilizer solutions, or with other pesticides.

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## **SPINACH**

### ○ Preemergence

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Make a single broadcast application of Dual Magnum at 0.33 - 1.0 pt/A (0.31-0.95 lb ai/A) to clean-tilled soil before weeds or crop emerge (i.e., preemergence). Use lower rates on coarse-textured soils and higher rates on fine-textured soils.

**Precautions:** (1) To help avoid crop injury, it is recommended that the Dual Magnum not be mechanically incorporated. (2) Not recommended on muck soils due to probable poor weed control at these rates. (3) For irrigated spinach, irrigate with sprinkler or furrow irrigation within two days of Dual Magnum application.

**Restrictions:** (1) Make only one application of Dual Magnum per crop. (2) Do not apply more than 1.0 pt/A (0.95 lb ai/A) of Dual Magnum per year. Do not apply more than 0.95 lb ai/A per year of S-metolachlor-containing products to spinach. (3) Do not harvest spinach within 50 days of the Dual Magnum application.

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24(c) Registrant:  
Syngenta Crop Protection, LLC  
P. O. Box 18300  
Greensboro, NC 27419-8300

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