



# FLORA

## Section 24(c) Special Local Need Label

S-METOLACHLOR	GROUP	<b>15</b>	HERBICIDE
---------------	-------	-----------	-----------

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF MAINE

### DUAL MAGNUM® HERBICIDE

FOR WEED CONTROL IN HIGHBUSH BLUEBERRY, BRASSICA LEAFY GREENS, BROCCOLI, BRUSSELS SPROUTS, CANEBERRIES (BLACKBERRY, RED RASPBERRY, BLACK RASPBERRY), CAULIFLOWER, CUCUMBER, GARLIC, LETTUCE (HEAD AND LEAF), MELONS (CANTALOUPE, MUSKMELON, WATERMELON),

EPA Reg. No. 100-816  
EPA SLN No. ME-xxxxxx

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

### 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 STATE OF MAINE

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SYNGENTA CROP PROTECTION, LLC INTENDS THAT THE PRODUCT THAT IS THE SUBJECT OF THIS SECTION 24(c) LABEL BE PURCHASED ONLY BY END USERS WHO AGREE BY ELECTRONIC SIGNATURE ON SYNGENTA CROP PROTECTION'S INTERNET SITE TO THE TERMS AND CONDITIONS REQUIRED BY SYNGENTA CROP PROTECTION, LLC INCLUDING A WAIVER AND RELEASE FROM ALL LIABILITY AND INDEMNIFICATION BY THE USER AND/OR GROWER OF SYNGENTA AND OTHERS FOR FAILURE TO PERFORM AND FOR CROP INJURY, CROP YIELD REDUCTION, AND/OR CROP LOSS FROM USE OF DUAL MAGNUM HERBICIDE ON CROPS ON THIS SECTION 24(c) LABEL. IF SUCH TERMS AND CONDITIONS ARE UNACCEPTABLE, RETURN THE DUAL MAGNUM HERBICIDE AT ONCE UNOPENED OR USE THE DUAL MAGNUM HERBICIDE FOR A DIFFERENT APPROVED USE IN ACCORDANCE WITH THE LABEL AFFIXED TO THE PRODUCT CONTAINER.

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 label 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.
- 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 Herbicide.

---

## **BLUEBERRY (HIGHBUSH)**

---

Apply Dual Magnum as a banded treatment to both sides of the blueberry row at 0.67 - 1.3 pt/A (0.64 - 1.26 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. When making the banded treatment, apply proportionally less spray mixture on the area actually treated. 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, adjuvants, 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 1.33 pt/A (1.27 lb ai/A) of Dual Magnum per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (3) Do not harvest for 28 days following the Dual Magnum application.

---

## **BRASSICA LEAFY GREENS: MUSTARD GREENS, BROCCOLI (RAAB), CHINESE CABBAGE (BOK CHOY), COLLARDS, KALE, MIZUNA, MUSTARD GREENS, MUSTARD SPINACH, AND RAPE GREENS**

---

**Soil Applied:** Apply a single broadcast treatment of Dual Magnum Herbicide at 0.67-1.33 pt/A (0.64-1.27 lb ai/A) to the soil surface after planting, but before weeds or crop emerge (i.e., pre-emergence). If a pre-plant application is used, do not incorporate the application and minimize the mixing/incorporation of treated soil into the seed furrow through the planting operations, so as to reduce the risk of crop injury. Within the rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered herbicide or by mechanical or physical means.

**Post Applied:** Dual Magnum Herbicide may be applied post-emergence to leafy brassica greens for residual control of grasses and small seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum Herbicide at 0.67-1.33 pt/A (0.64-1.27 lb ai/A) after leafy

brassica greens have at least 1 true leaf. Dual Magnum Herbicide will not control emerged weeds, therefore, emerged weeds must be controlled by cultural or chemical methods.

**Precaution:** (1) The risk of crop injury increases when nitrogen sources (e.g. AMS, UAN), fertilizers or other pesticides are applied with Dual Magnum Herbicide.

**Restrictions:** (1) Do not apply more than 1.33 pt/A (1.27 lb ai/A) of Dual Magnum Herbicide per year. do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (2) Make only one application per crop. (2) Do not harvest within 30 days of application.

---

### **BROCCOLI (DIRECT SEEDED AND TRANSPLANTED)**

---

Apply a single broadcast treatment of Dual Magnum Herbicide at 0.5-1.33 pt/A (0.48-1.27 lb ai/A) prior to transplanting or within 72 hours after transplanting, the latter often being less injurious. Apply to direct seeded broccoli only at the four-leaf stage. In that rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered foliar herbicide or by mechanical or physical means. Weed control may be reduced on muck soils.

**Restrictions:** (1) Make only one application per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (2) Do not incorporate Dual Magnum Herbicide. (3) Do not use in combination with Goal®. (4) Crop maturity may be delayed by Dual Magnum Herbicide application. (5) To avoid possible illegal residues, do not harvest broccoli within 60 days following application.

**Note:** Applications of Dual Magnum Herbicide may cause significant injury to broccoli resulting in reduced yields. This product is available to the end user/grower solely to the extent that the benefit and utility, in the opinion of the end user/grower, outweigh the extent of potential injury associated with the use of this product. Due to the risk of crop damage, all such use is at the end user/grower's risk.

---

### **BRUSSELS SPROUT (TRANSPLANTED)**

---

Apply Dual Magnum to Brussels sprouts at a broadcast rate of 0.5 - 1.33 pt/A (0.48-1.27 lb ai/A) preplant non-incorporated prior to transplanting or broadcast postemergence application within 48 hours after transplanting. Use lower rates on course textured soils and higher rates on fine textured and muck soils. 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 from the use of Dual Magnum is less with post-transplant applications than from pre-transplant applications, and the risk of crop injury is less with post-directed than from post over-the-top post-transplanting applications. (2) The application of Dual Magnum prior to bed formation may result in crop injury due to the incorporation and/or concentration of Dual Magnum near the transplanted crop's root system. (3) Muck soils require the higher use rates; however, weed control may be reduced on muck soil. (4) The addition of another registered

herbicide, especially the herbicide Goal, will increase the risk of crop injury from postemergence applications.

**Restrictions:** (1) Make only one application of Dual Magnum per year. (2) Do not apply more than 1.33 pt/A (1.27 lb ai/A) of Dual Magnum per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (3) Do not mechanically incorporate Dual Magnum before transplanting. (4) Do not harvest these crops within 60 days of the Dual Magnum application.

---

### **CANEBERRIES: BLACKBERRY, RED RASPBERRY, AND BLACK RASPBERRY**

---

Apply Dual Magnum in the early spring as a banded application only to both sides of the plant row at 1.0 - 2.0 pt/A (0.67 - 1.3 lb ai/A) prior to weed emergence. The application 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. Dual Magnum will not control emerged weeds. For banded applications, using row and band width measurements in inches, calculate the amount to be applied per acre as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Dual Magnum Rate per acre for a broadcast treatment} = \text{Amount of Dual Magnum needed per acre for a banded treatment}$$

**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 year. (2) Do not apply more than 2.0 pt/A (1.3 lb ai/A) of Dual Magnum per crop per year. Do not apply more than 1.3 lb ai/A per year of S-metolachlor-containing products. (3) Do not harvest for 28 days following the Dual Magnum application.

---

### **CAULIFLOWER (TRANSPLANTED)**

---

Apply Dual Magnum Herbicide to cauliflower at a broadcast rate of 0.5-1.33 pt/A (0.48-1.27 lb ai/A) preplant non-incorporated prior to transplanting or broadcast postemergence application within 48 hours after transplanting. Use lower rates on coarse textured soils and higher rates on fine textured and muck soils. Dual Magnum Herbicide 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 from the use of Dual Magnum Herbicide is less with post-transplant applications than from pre-transplant applications, and the risk of crop

injury is less with post-directed than from post over-the-top post-transplanting applications. (2) The application of Dual Magnum Herbicide prior to bed formation may result in crop injury due to the incorporation and/or concentration of Dual Magnum Herbicide near the transplanted crop's root system. (3) Muck soils require the higher use rates; however, weed control may be reduced on muck soil. (4) The addition of another registered herbicide, especially the herbicide Goal, will increase the risk of crop injury from postemergence applications.

**Restrictions:** (1) Make only one application of Dual Magnum Herbicide per season. (2) Do not apply more than 1.33 pt/A (1.27 lb ai/A) of Dual Magnum Herbicide per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (3) Do not mechanically incorporate Dual Magnum Herbicide before transplanting. (4) Do not harvest these crops within 60 days of the Dual Magnum Herbicide application.

---

## CUCUMBER

---

**Soil Applied:** Apply a single broadcast treatment of Dual Magnum at 0.67 - 1.33 pt/A (0.64 - 1.27 lb ai/A) to the soil surface after planting, but before weeds or crop emerge (i.e., pre-emergence). If a pre-plant application is used, do not incorporate the application and minimize the mixing/incorporation of treated soil into the seed furrow through the planting operations, so as to reduce the risk of crop injury. 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 to cucumber for residual control of grasses and small seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum at 0.67 - 1.33 pt/A (0.64 - 1.27 lb ai/A) on cucumbers at the 1-2 true leaf stage. 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, therefore, emerged weeds must be controlled by cultural or chemical methods.

**Precaution:** 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 1.33 pt/A (1.27 lb ai/A) of Dual Magnum per crop per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (2) Make only one application per crop. (2) Do not harvest within 30 days of application.

---

## GARLIC

---

Apply a broadcast application of Dual Magnum at 0.67 - 1.33 pt/A (0.64-1.27 lb ai/A) postemergence at the two true-leaf stage of the garlic. In that rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. Dual Magnum can be applied as a band application applying proportionally less spray mixture on the area actually 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) There is risk of crop injury from the use of Dual Magnum on garlic. In general, the risk of crop injury is greater on lighter textured soils and with higher application rates. (2) The addition of another registered herbicide as a tank mixture with Dual Magnum will increase the risk of crop injury.

**Restrictions:** (1) Make only one application per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (2) Do not harvest within 60 days of application or illegal residues may result.

**Note:** Applications of Dual Magnum may cause significant injury to garlic resulting in reduced yields. This product is available to the end user/grower solely to the extent that the benefit and utility, in the opinion of the end user/grower, outweigh the extent of potential injury associated with the use of this product. Due to the risk of crop damage, all such use is at the end user/grower's risk.

---

## LETTUCE (HEAD AND LEAF)

---

Dual Magnum Herbicide may be applied to direct seeded or transplanted lettuce for residual control or suppression of annual grasses, yellow nutsedge and small seeded broadleaf weeds. Dual Magnum Herbicide will not control emerged weeds so use an appropriate registered foliar herbicide or mechanical or physical methods to control emerged weeds.

### Dual Magnum Herbicide Directions for Use in Lettuce

Application Timing	Crop Growth Stage	Rate (pt/A) <sup>1</sup>
Preplant <sup>2</sup>	Before planting	0.67-1.0 (0.64-0.95 lb ai/A)
Pre-emergence	Before emergence or transplanting	
Post-emergence	After emergence or transplanting	0.67 (0.64 lb ai/A)
Post-emergence row middles		

<sup>1</sup>Use lower rates on coarse-textured soils and higher rates on fine-textured soils

<sup>2</sup>No more than 14 days prior to planting

Dual Magnum Herbicide can be applied as part of a sequential weed control program. If Dual Magnum Herbicide was applied preplant, pre-emergence or pre-transplant, a second treatment of Dual Magnum Herbicide can be applied postemergence provided the total per crop does not exceed 1.33 pt/A (1.27 lb ai/A). Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products.

**Precautions for leaf and head lettuce:** (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 Herbicide.

**Restrictions: leaf lettuce:** (1) Do not apply more than 1.0 pt/A (0.95 lb ai/A) of Dual Magnum Herbicide before crop emergence. (2) Do not apply more than 0.67 pt/A (0.64 lb ai/A) of Dual Magnum Herbicide after crop emergence. (3) Do not apply more than 1.33 pt/A (1.27 lb ai/A) of Dual Magnum Herbicide total per crop. (4) Do not harvest for 25 days after the application of Dual Magnum Herbicide.

**Restrictions for head lettuce:** (1) Do not apply more than 2.0 pt/A (1.9 lb ai/A) of Dual Magnum Herbicide per crop. (2) Do not harvest for 20 days after the application of Dual Magnum Herbicide.

---

## MELONS: CANTALOUPE, MUSKMELON AND WATERMELON

---

### Melons grown on plastic mulch:

Apply Dual Magnum as a row middle application (between the crop rows) at 0.67 - 1.27 pt/A (0.64 - 1.21 lb ai/A) before crop emergence or transplanting, before weed emergence, but after the laying of the plastic mulch. For row middle applications, using row and band width measurements in inches, calculate the amount to be applied per acre as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Dual Magnum Rate per acre for a broadcast treatment} = \text{Amount of Dual Magnum needed per acre for a row middle treatment}$$

### Melons grown without plastic mulch:

Apply Dual Magnum as a broadcast, pre-emergence treatment at 0.67 - 1.27 pt/A (0.64 - 1.21 lb ai/A) before crop emergence or before transplanting and before weed emergence. 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.

Dual Magnum may also be applied as a banded application (between the crop row) at 0.67 - 1.27 pt/A (0.64 - 1.21 lb ai/A) before crop emergence or before transplanting and before weed emergence. For band applications, using row and band width measurements in inches, calculate the amount to be applied per acre as follows:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Dual Magnum Rate per acre for a broadcast treatment} = \text{Amount of Dual Magnum needed per acre for a banded treatment}$$

**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) If an activating rainfall (0.5") does not occur within 7-10 days following

application, weed control may be reduced. (3) Irrigation water can be applied following the treatment of Dual Magnum to activate the herbicide and improve weed control. (4) The risk of injury to melons is greater with a broadcast pre-emergence application than with a row middle application. (5) In general, the risk of crop injury will be less with transplanted melons than with direct seeded melons. (6) Direct application of Dual Magnum to emerged melon foliage (from seed or transplant) may result in crop injury and illegal residues. (7) It is recommended not to mechanically incorporate Dual Magnum into the soil as this will increase the risk for crop injury. (8) Muck soils require the higher use rates; however, weed control may still be reduced on muck soil.

**Restrictions:** (1) Do not make more than one application of Dual Magnum per crop per year. (2) Do not apply more than 1.27 pt/A (1.21 lb ai/A) of Dual Magnum per crop per year. Do not apply more than 1.21 lb ai/A per year of S-metolachlor-containing products. (3) Harvest at normal maturity but no closer than 60 days following application.

---

©2026 Syngenta

Dual Magnum® and the Syngenta logo are trademarks of a Syngenta Group Company  
Goal® is a trademark of Dow AgroSciences

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

Label Code: