



## Section 24(c) Special Local Need Label

S-METOLACHLOR

GROUP

15

HERBICIDE

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF GEORGIA

### Dual Magnum® Herbicide

For Control of Weeds in Broccoli, Cabbage, Cauliflower, Chinese Cabbage, Collards, Kale; Dry Bulb Onion; Green Onions; Transplanted Bell Peppers; Beans; Cantaloupe and Watermelon; Carrot; Sweet Potato; Tomato; Summer Squash (Yellow and Zucchini), Pumpkin

EPA Reg. No. 100-816  
EPA SLN No. GA-090001

This label expires and must not be distributed or used in accordance with this SLN registration after December 31, 2029

### 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 GEORGIA

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 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 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 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 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 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.

- Dual Magnum Herbicide will not control emerged weeds. For effective weed control, Dual Magnum Herbicide must be applied to clean-tilled soil.
- **Chemigation:** Do not apply this product through any irrigation system.
- 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.

---

## **BROCCOLI, CABBAGE, CAULIFLOWER, CHINESE CABBAGE, COLLARD, KALE**

---

**Bareground or Mulched Seeded:** After the crop reaches at least 3 inches in height, apply Dual Magnum Herbicide as a topical broadcast spray at 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A).

**Bareground Transplant:** After transplanting, irrigate to seal the soil around the transplant root ball. Apply Dual Magnum Herbicide as a topical broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) 10 to 14 days after transplanting and irrigating.

**Mulched Transplant:** After transplanting, apply Dual Magnum Herbicide as a topical broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) 10 to 14 days after transplanting. If irrigation is available, irrigate immediately after planting and before applying Dual Magnum Herbicide.

**Row Middles:** Dual Magnum Herbicide may be used to treat the area between the crop rows after planting as long as the total amount of Dual Magnum Herbicide applied does not exceed 1.33 pt/A (1.27 lb ai/A).

### ***Precautions:***

- 1) Normal crop growth must be in progress at time of topical crop applications to avoid stunting.
- 2) Application to wet plants or when conditions are extremely hot will result in increased risk of crop injury.
- 3) The risk of injury is greater on lighter textured soils and with higher use rates, especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 days of topical application.
- 4) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 5) All broccoli, cabbage, cauliflower, Chinese cabbage, collard or kale cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.
- 6) Dual Magnum Herbicide should be applied only with water.

### ***Restrictions:***

- 1) Do not harvest broccoli, cabbage, cauliflower within 60 days of any Dual Magnum Herbicide application.
- 2) Do not harvest Chinese cabbage (Napa), collards or kale within 30 days of any Dual Magnum Herbicide application.
- 3) Do not apply more than 1.33 pt/A (1.27 lb ai/A) per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products to broccoli, cabbage, cauliflower, Chinese cabbage, collard, kale.

---

## GREEN ONIONS

---

Dual Magnum Herbicide may be applied broadcast after either the 4-leaf stage of onion growth at 0.5 pt/A (0.48 lb ai/A) or after the 6-leaf stage of onion growth at 1 pt/A (0.95 lb ai./A). Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered herbicide or by mechanical or physical means.

### **Precautions:**

- 1) Heavy irrigation following the application of Dual Magnum Herbicide will increase the risk of crop injury.
- 2) Dual Magnum Herbicide will not control emerged weeds.

### **Restrictions:**

- 1) Only water may be used as a carrier for application of Dual Magnum Herbicide.
- 2) Apply no more than one application of Dual Magnum Herbicide per crop.
- 3) Do not apply more than 1 pt/A (0.95 lb ai/A) of Dual Magnum Herbicide per acre per year. Do not apply more than 0.95 lb ai/A per year of S-metolachlor-containing products to green onions.
- 4) Do not harvest onions within 21 days of the Dual Magnum Herbicide application.

---

## DRY BULB ONIONS

---

**Seeded Applications:** Dual Magnum Herbicide may be applied broadcast after either the 4-leaf stage of onion growth at 0.5 pt/A (0.48 lb ai/A) or after the 6-leaf stage of onion growth at 1 pt/A (0.95 lb ai/A). Dual Magnum Herbicide will not control emerged weeds. Control emerged weeds with an appropriate registered herbicide or by mechanical or physical means.

**Transplanted Applications:** For optimum weed control, eliminate all weeds prior to transplanting. After transplanting onions, irrigate to seal the soil around the transplanted root ball. Within 2 days after transplanting and irrigating the soil and with no emerged weeds present, apply Dual Magnum Herbicide broadcast at a rate of 0.75 pt/acre to 1 pt/acre (0.71-0.95 lb ai/A). Within this rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. If needed, a second Dual Magnum Herbicide application at the same rates can be made 21 or more days after the first application.

### **Precautions:**

- 1) Heavy irrigation following the application of Dual Magnum Herbicide will increase the risk of crop injury.
- 2) Dual Magnum Herbicide will not control emerged weeds.

### **Restrictions:**

- 1) Only water may be used as a carrier for application of Dual Magnum Herbicide.
- 2) Apply no more than one application of Dual Magnum Herbicide per crop on direct seeded onions.
- 3) Apply no more than two applications of Dual Magnum Herbicide per crop on transplanted onions.
- 4) Do not apply more than 1 pt/acre (0.95 lb ai/A) of Dual Magnum Herbicide in a single application.
- 5) Do not apply more than 2 pt/acre (1.91 lb ai/A) of Dual Magnum Herbicide per crop on

transplanted onions. Do not apply more than 1.91 lb ai/A per year of S-metolachlor-containing products to dry bulb onions.

- 6) Make the second Dual Magnum Herbicide application at least 21 days after the first Dual Magnum Herbicide application.
- 7) Do not harvest onions within 60 days of the Dual Magnum Herbicide application.

---

## **TRANSPLANTED BELL PEPPER**

---

**Bareground Applications:** Apply Dual Magnum Herbicide at a broadcast rate of 1/2 pt to 1 pt/acre (0.48-0.95 lb ai/A) preplant non-incorporated prior to transplanting or post-emergence within 48 hours after transplanting and irrigating. Within this rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. Post-emergent application should always be delayed until sufficient irrigation has been applied to seal the soil around the root ball.

**Mulched System Preplant Applications:** After final bed formation but prior to laying the mulch, apply Dual Magnum Herbicide broadcast at a rate 1/2 pt to 1 pt/acre (0.48-0.95 lb ai/A). Within this rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. After applying Dual Magnum Herbicide, the soil must not be disturbed by any mechanical process. Therefore, the Dual Magnum Herbicide application must be made after the final bed is formed and the drip tape is laid and immediately prior to laying mulch. Unless restricted by other products (e.g. soil sterilants or fumigants), crops may be transplanted immediately following the Dual Magnum Herbicide application.

**Mulched System Postemergence Applications:** Dual Magnum Herbicide may be applied overtop of bell pepper between 1 and 3 weeks after transplanting at a rate up to 1 pt/acre (0.95 lb ai/A). If applying preplant and topical applications, do not exceed a total of 1 pt/acre with both applications.

### ***Precautions:***

- 1) Irrigation following the application of Dual Magnum Herbicide will increase the risk of crop injury.
- 2) Crop injury is less with post-transplant applications than from pre-transplant surface applications, and the risk of crop injury is less with post-directed than from post over-the-top applications.
- 3) Dual Magnum Herbicide will not control emerged weeds.

### ***Restrictions:***

- 1) Only water may be used as a carrier for application of Dual Magnum Herbicide.
- 2) Make only one application of Dual Magnum Herbicide per crop
- 3) Do not apply more than 1 pt/acre (0.95 lb ai/A) of Dual Magnum Herbicide per -year. Do not apply more than 0.95 lb ai/A per year of S-metolachlor-containing products to bell pepper.
- 4) Do not harvest peppers within 60 days of the Dual Magnum Herbicide application.

---

## **BEANS (Snap Bean, Lima Bean, Southern Pea)**

---

**Postemergence Broadcast or Postemergence Directed Application:** Apply Dual Magnum Herbicide at 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) after the first trifoliate stage of plant growth.

Application to plants with less than one trifoliolate can result in unacceptable crop injury. When applied broadcast over the top, crop injury in the form of leaf spotting and speckling may be observed.

If a preemergence application of Dual Magnum Herbicide was made to the crop, a postemergence application may be made provided the total amount of Dual Magnum Herbicide applied does not exceed 2.0 pt/A (1.91 lb ai/A). Refer to the Dual Magnum Herbicide label for preplant and preemergence application directions.

**Precautions:**

- 1) Application to wet plants or when conditions are extremely hot or humid will result in increased risk of crop injury.
- 2) The risk of crop injury is greater on lighter textured soils and with higher use rates, especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 days of application.
- 3) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 4) All bean and pea cultivars have not been tested for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.
- 5) Dual Magnum Herbicide should be applied only with water.

**Restrictions:**

- 1) Do not apply more than 0.75 pt/A (0.71 lb ai/A) of Dual Magnum Herbicide postemergence.
- 2) Do not apply more than 2.0 pt/A (1.91 lb ai/A) of Dual Magnum Herbicide total per year. Do not apply more than 1.9 lb ai/A per year of S-metolachlor-containing products to beans.
- 3) Do not apply to beans from the time of soil cracking until first trifoliolate.
- 4) Do not harvest crops within 50 days of the Dual Magnum Herbicide application.
- 5) Do not feed animals with plant material treated with a post-emergence application of Dual Magnum Herbicide.

---

**CANTALOUPE AND WATERMELON**

---

**Row Middle Application for Bareground:** Apply Dual Magnum Herbicide at 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) between crop rows using a shielded or hooded sprayer. Spray contact with the crop or on the soil within 6 inches of the crop roots may lead to crop stunting.

**Row Middle Application for Mulch:** Apply Dual Magnum Herbicide at 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) between crop rows using a shielded or hooded sprayer. In raised bed mulch, spray can contact sides of bed covered in mulch but spray must not contact the top of the mulched bed or crop foliage. In flat bed mulch, avoid contact with top of the mulched bed as washing of the herbicide into the plant hole could be injurious. Spray contact with the crop or on the soil within 6 inches of the crop roots may lead to crop stunting.

**Precautions:**

- 1) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.

- 2) All watermelon and cantaloupe cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.

**Restrictions:**

- 1) Do not harvest crops within 60 days of the Dual Magnum Herbicide application.
- 2) Do not apply more than 1.33 pt/A (1.27 lb ai/A) per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products to cantaloupe and watermelon.

---

**CARROT**

---

**Postemergence:** Dual Magnum Herbicide may be applied broadcast over-the-top of carrot as defined in the table below.

Carrot Growth Stage	Dual Magnum Herbicide (pt/A)
< 4 inches	DO NOT APPLY
≥ 4 inches and 5 leaves	0.5 (0.48 lb ai/A)
≥ 6 inches and 7 leaves	0.5 to 0.75 (0.48-0.71 lb ai/A)

**Precautions:**

- 1) Application to wet plants or when conditions are extremely hot will result in increased risk of crop injury.
- 2) The risk of injury is greater on lighter textured soils and with higher use rates, especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 day of application.
- 3) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 4) All carrot cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.
- 5) Dual Magnum Herbicide should be applied only with water.

**Restrictions:**

- 1) Do not harvest carrots within 64 days of the Dual Magnum Herbicide application.
- 2) Do not apply more than 1.33 pt/A (1.27 lb ai/A) per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products to carrot.

---

**SWEET POTATO**

---

**Post-transplant:** Two to three weeks after sweet potato transplanting, apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) . A second application of 0.5 pt/A (0.48) may be made 14 to 21 days later.

**Precautions:**

- 1) The risk of crop injury is greater on lighter textured soils and with higher use rates; especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 days of application.

- 2) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 3) All sweet potato cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.
- 4) Avoid cultural or mechanical methods that concentrate Dual Magnum Herbicide around transplant roots.
- 5) To help avoid concentrating Dual Magnum Herbicide around the sweet potato root, ensure that transplanter trench closure during transplanting

**Restrictions:**

- 1) Do not harvest the crop within 40 days of the Dual Magnum Herbicide application.
- 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 to sweet potato.

---

**TOMATO**

---

**Post-transplant bareground:** After transplanting, irrigate to seal the soil around the transplant root ball. Apply Dual Magnum Herbicide as a topical broadcast or directed spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) 7 to 14 days after transplanting and irrigating. Broadcast over the top applications may cause minor speckling; thus, if speckling is not acceptable then apply as a directed application contacting only the lower 3 inches of the tomato stem.

**Post-transplant mulch:** Apply Dual Magnum Herbicide as a topical broadcast or directed spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) 7 to 14 days after transplanting. Topical broadcast applications may cause minor speckling; thus, if speckling is not acceptable then apply as a directed application contacting only the lower 3 inches of the tomato stem.

If a preplant application of Dual Magnum Herbicide was made to the crop, a postemergence application may be made provided the total amount of herbicide applied does not exceed 2.0 pt/A (1.91 lb ai/A). Refer to the Dual Magnum Herbicide label for preplant and preemergence application directions.

**Precautions:**

- 1) Application to wet plants or when conditions are extremely hot will result in increased risk of crop injury.
- 2) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 3) All tomato cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained
- 4) Normal crop growth must be in progress at time of topical application to avoid stunting.
- 5) The risk of injury is greater on lighter textured soils and with higher use rates, especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 days of application.
- 6) Dual Magnum Herbicide should be applied only with water.

**Restrictions:**

- 1) If the total amount of Dual Magnum Herbicide applied is more than 1.33 pt/A the crop can be harvested no sooner than 90 days after last application.



- 2) If the total amount of Dual Magnum Herbicide applied is 1.33 pt/A or less the crop can be harvested no sooner than 30 days after last application.
- 3) Do not apply more than 2.0 pt/A (1.91 lb ai/A) of Dual Magnum Herbicide per year. Do not apply more than 1.91 lb ai/A of S-metolachlor-containing products to tomato.

---

## **SUMMER SQUASH (YELLOW AND ZUCCHINI)**

---

**Bareground Seeded:** Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) to squash that are at least 3 inches in height.

**Bareground Transplant:** After transplanting crop, irrigate to seal the soil around the transplant root ball. Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) 10 to 14 days after transplanting and irrigating.

**Mulched Seeded:** Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) to squash that are at least 3 inches in height.

**Mulched Transplants:** Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) 7 to 10 days after transplanting. If irrigation is available, irrigate immediately after planting and before applying Dual Magnum Herbicide.

**Row Middles:** Dual Magnum Herbicide may also be used to treat the area between crop rows as long as the total amount of Dual Magnum Herbicide applied does not exceed 1.33 pt/A (1.27 lb ai/A) in that crop.

### **Precautions:**

- 1) Normal crop growth must be in progress at the time of topical applications to avoid stunting.
- 2) Application to wet plants or when conditions are extremely hot will result in increased risk of crop injury.
- 3) The risk of injury is greater on lighter textured soils and with higher use rates, especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 days of application.
- 4) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 5) All squash cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.
- 6) Dual Magnum Herbicide should be applied only in water.

### **Restrictions:**

- 1) Do not harvest squash 30 days of the Dual Magnum Herbicide application.
- 2) Do not apply more than 1.33 pt/A (1.27 lb ai/A) per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products to summer squash.

---

## **PUMPKIN**

---

**Bareground Seeded:** Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A (0.48-0.71 lb ai/A) to pumpkins that are at least 4 inches in height.

**Bareground Transplant:** After transplanting crop, irrigate to seal the soil around the transplant root ball. Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A A (0.48-0.71 lb ai/A) 10 to 14 days after transplanting and irrigating.

**Mulched Seeded:** Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A A (0.48-0.71 lb ai/A) to pumpkins that are at least 3 inches in height.

**Mulched Transplants:** Apply Dual Magnum Herbicide as a broadcast spray at a rate of 0.5 to 0.75 pt/A A (0.48-0.71 lb ai/A) 7 to 10 days after transplanting. If irrigation is available, irrigate immediately after planting and before applying Dual Magnum Herbicide.

**Row Middles:** Dual Magnum Herbicide may also be used to treat the area between crop rows as long as the total amount of Dual Magnum Herbicide applied does not exceed 1.33 pt/A (1.27 lb ai/A) in that crop.

**Precautions:**

- 1) Normal crop growth must be in progress at the time of topical applications to avoid stunting.
- 2) Application to wet plants or when conditions are extremely hot will result in increased risk of crop injury.
- 3) The risk of injury is greater on lighter textured soils and with higher use rates, especially when coupled with heavy rains or when excessive multiple irrigations occur within 5 days of application
- 4) Dual Magnum Herbicide will not control emerged weeds; thus, other control tactics that provide weed control prior to Dual Magnum Herbicide being activated are required.
- 5) All pumpkin cultivars have not been studied for tolerance. Experiment on a limited basis until on-farm confidence in these use patterns and rates are obtained.
- 6) Dual Magnum Herbicide should be applied only in water.

**Restrictions:**

- (1) Do not harvest pumpkins within 60 days of the Dual Magnum Herbicide application.
- (2) Do not apply more than 1.33 pt/A (1.27 lb ai/A) per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products to pumpkin.

---

©2024 Syngenta

Dual Magnum® and the Syngenta logo are trademarks of a Syngenta Group Company

Section 24(c) Registrant:  
Syngenta Crop Protection, LLC  
Greensboro, North Carolina 27419

Label Code: GA0816034JA1224