



Section 24(c) Special Local Need Label

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF ARKANSAS

Dual Magnum® Herbicide

For Control of Weeds in Spinach; Collards, Kale, Mustard Greens, Turnip Greens; Cantaloupe; Cucumber; Watermelon; and Transplanted Broccoli, Cabbage, Chinese Cabbage, Summer Squash

EPA Reg. No. 100-816
EPA SLN No. AR15-0003

This label expires and must not be distributed or used in accordance with this SLN registration after December 31, 2020

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 ARKANSAS

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 Supplemental 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 Supplemental 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 Supplemental 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 Supplemental 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.

SPINACH

Preemergent, Surface Broadcast Application:

Apply Dual Magnum at 0.33-0.67 pt/A (0.32-0.64 lb ai/A). Apply in at least 15 gallons of water per acre with ground equipment. Use low rate on coarse and higher rate on medium or fine textured soils (see product label for more specific information on soil texture). Not recommended on muck soils due to probable poor weed control. For irrigated spinach: irrigate with sprinkler or furrow irrigation within two days of Dual Magnum application.

Precautions and Restrictions:

- (1) Do not incorporate.
- (2) Do not apply this product through any type of irrigation system.
- (3) Only one application of Dual Magnum permitted per spinach growing season on the same ground in one calendar year or illegal residues may occur.
- (4) Do not exceed more than 0.67 pt/A Dual Magnum or illegal residues may occur.
- (5) Do not harvest within 50 days of application or illegal residues may occur.

COLLARDS, KALE, MUSTARD GREENS, AND TURNIP GREENS

Soil Applied:

Apply a single broadcast treatment of Dual Magnum at 0.67 to 1.0 pt/A (0.64 – 0.95 lb ai/A) to the soil surface after planting, but before weeds or crop emerge (i.e., pre-emergence). 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. NOTE: Use the low rate on collards and kale.

Post Applied:

Dual Magnum may be applied postemergence for residual control of grasses and small-seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum at 0.67 to 1.3 pt/A (0.64 – 1.27 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.

Restrictions:

- (1) Do not apply more than 1.3 pt/A (1.27 lb ai/A) of Dual Magnum per crop.
- (2) Make only one application per crop.
- (3) Do not harvest within 30 days of application.

CANTALOUPE

Soil Applied:

Apply a single broadcast treatment of Dual Magnum at 0.67 to 1.27 pt/A (0.64 – 1.2 lb ai/A) to the soil surface after planting, but before weeds or crop emerge (i.e., pre-emergence). Within the rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils.

Post Applied:

Dual Magnum may be applied postemergence to cantaloupe for residual control of grasses and small seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum at 0.67 to 1.0

pt/A (0.64 – 0.95 lb ai/A) after cantaloupes have between 1-2 true leaves. 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. Dual Magnum may be applied on row middles in a tank-mixture with Sandea®.

Restrictions:

- (1) Do not apply more than 1.0 pt/A (0.95 lb ai/A) of Dual Magnum per crop per season.
- (2) Make only one application per crop.
- (3) Do not harvest within 60 days of application.

CUCUMBER

Post Applied:

Dual Magnum may be applied postemergence to cucumber for residual control of grasses and small-seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum at 0.67 to 1.0 pt/A (0.64 – 0.95 lb ai/A) after cucumbers have between 1-2 true leaves. 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. Dual Magnum may be applied to row middles as a tank-mixture with Sandea.

Restrictions:

- (1) Do not apply more than 1.0 pt/A (0.95 lb ai/A) of Dual Magnum per crop per season.
- (2) Make only one application per crop.
- (3) Do not harvest within 30 days of application.

WATERMELON

Application for watermelon grown on bareground: Dual Magnum may be applied postemergence to watermelons for residual control of grasses and small-seeded broadleaf weeds. Apply a single broadcast treatment of Dual Magnum at 0.67 to 1.0 pt/A (0.64 – 0.95 lb ai/A) after watermelon have between 1-2 true leaves. 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. Dual Magnum may be applied to row middles as a tank-mixture with Sandea.

Application for watermelon grown on plastic mulch: Apply Dual Magnum as a row middle application (between the crop rows) at 0.67 – 1.27 pts/A (0.64 – 1.21 lb ai/A) before crop emergence or transplanting, 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.

Precautions for All Application Methods:

- (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.

- (7) Incorporating Dual Magnum into the soil 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 for All Application Methods:

- (1) Do not make more than one application of Dual Magnum per crop per season.
- (2) Do not apply more than 1.27 pts/A (1.21 lb ai/A) of Dual Magnum per crop per season.
- (3) Harvest at normal maturity but no closer than 60 days following application.

TRANSPLANTED BROCOLLI, CABBAGE AND CHINESE CABBAGE

Apply Dual Magnum at a broadcast rate of 0.5 - 1.3 pt/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 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.
- (5) Chinese varieties are more sensitive to injury from Dual Magnum.

Restrictions:

- (1) Make only one application of Dual Magnum per crop.
- (2) Do not apply more than 1.3 pt/A of Dual Magnum per crop.
- (3) Do not mechanically incorporate Dual Magnum before transplanting.
- (4) Do not harvest these crops within 60 days of the Dual Magnum application.

SUMMER SQUASH

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.

Dual Magnum directions for use in summer squash

Application Timing	Crop Growth Stage	Rate (pt/A) ¹	Pre-harvest Interval ²
Preplant ³	Before planting	0.67 - 1.33	Normal
Pre-emergence	Before emergence or transplanting		
Post-emergence	After emergence or transplanting ⁴	0.67 - 1.33	30 days

Post-emergence to row middles			
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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 planting

⁴ Must have at least one true leaf

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 laying the plastic mulch.

Dual Magnum can also be applied as part of a sequential weed control program. If Dual Magnum was applied as a preplant, pre-emergence or pre-transplant treatment, a second treatment of Dual Magnum can be applied postemergence provided the total per crop does not exceed 1.33 pt/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 per crop.
- (2) Do not harvest for 30 days after the application of Dual Magnum.

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