



S-METOLACHLOR	GROUP	15	HERBICIDE
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**FIFRA 24(c) Special Local Need Label (SLN) LABEL
FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF OREGON**

Dual Magnum® Herbicide

**EPA Reg. No. 100-816
EPA SLN No. OR-200003**

For Weed Control in Pumpkin, Winter Squash, and Summer Squash

This label is valid until December 31, 2030 or until otherwise amended, withdrawn, cancelled, or suspended.

Active Ingredient:

S-metolachlor (CAS No. 87392-12-9)..... 83.7%

Other Ingredients:..... 16.3%

Total:..... 100.0%

Dual Magnum Herbicide is formulated as an Emulsifiable Concentrate (EC) and contains the equivalent of 83.7% or 7.62 lb of active ingredient per gallon.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

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 the label affixed to the main container of Dual Magnum Herbicide 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 label affixed to the main container of Dual Magnum Herbicide.
- 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.
- Dual Magnum Herbicide will not control emerged weeds.

PUMPKIN – DUAL MAGNUM HERBICIDE ALONE

Preemergence: Apply Dual Magnum Herbicide at a rate of 1.0 to 1.33 pints/A (0.95-1.27 lb ai/acre) pre-emergence (before the weeds have emerged) to pumpkin. Use the lower Dual Magnum Herbicide rate on soils light in texture (loamy sand or lighter) and low in soil organic matter (less than 3%). If Dual Magnum Herbicide is applied as a broadcast spray over the planted row or hill, injury to the pumpkin crop can occur which may include stand loss, delayed maturity, and even loss of yield. Do not apply Dual Magnum Herbicide after the pumpkin seedlings have emerged.

Dual Magnum Herbicide will not control emerged weeds, and thus should be applied before the weeds emerge. Weeds that are present should be controlled by another means, i.e. by mechanical means or by another herbicide registered for use on pumpkin.



Restrictions: (1) Do not apply Dual Magnum Herbicide after the pumpkin seedlings have emerged. (2) Do not harvest pumpkins for 30 days following the application of Dual Magnum Herbicide. (3) Do not exceed 1.33 pt/A (1.27 lb ai/acre) of Dual Magnum Herbicide per year. Do not apply more than 1.27 lb ai/A per year of S-metolachlor-containing products. (4) Do not apply during the fall or to frozen soils. (5) Avoid application (use of Dual Magnum on pumpkin) in spring if extended wet and cold weather is expected

Winter Squash

Apply Dual Magnum Herbicide at a rate of 1.0 to 1.33 pints/A (0.95 – 1.27 lb ai/A) pre-emergence (before the weeds have emerged) to winter squash. Use the lower Dual Magnum Herbicide rate on soils light in texture (loamy sand or lighter) and low in soil organic matter (less than 3%).

If Dual Magnum Herbicide is applied as a broadcast spray over the planted row or hill, injury to the winter squash crop can occur. Crop injury may include stand loss, delayed maturity, and even loss of yield. Do not apply Dual Magnum Herbicide after the winter squash seedlings have emerged.

Dual Magnum Herbicide will not control emerged weeds, and thus should be applied before the weeds emerge. Weeds that are present should be controlled by another means, i.e. by mechanical means or by another herbicide registered for use on winter squash.

Precautions: (1) Do not apply Dual Magnum Herbicide after the winter squash seedlings have emerged. (2) Do not harvest winter squash for 30 days following the application of Dual Magnum Herbicide. (3) Do not exceed 1.3 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.

Summer Squash

Dual Magnum Herbicide may be applied 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.

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

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

² Time between Dual Magnum Herbicide 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 Herbicide pre-emergence application should be made before laying the plastic. Dual Magnum Herbicide may also be applied as a row middle application after the laying of the plastic mulch.

Dual Magnum Herbicide can also be applied as part of a sequential weed control program. If Dual Magnum Herbicide was applied as a preplant, pre-emergence or pre-transplant treatment, a second treatment of Dual Magnum Herbicide 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 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) Do not harvest for 30 days after the application of Dual Magnum Herbicide.

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 OREGON

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.

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