



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

March 14, 2023

Jack Peterson
Associate Director, EPSD
Arizona Department of Agriculture
1688 W Adams Street
Phoenix, AZ 85007

Subject: FIFRA 24(c) Registration –SLN Amendment Acknowledgment Letter
SLN Registration Number: AZ120006
EPA Decision Number: 589572
SLN Expiration Date: 12/31/2027
Parent EPA Reg. No.: 100-816
Product Name: Dual Magnum® Herbicide

Dear Mr. Peterson:

This letter acknowledges receipt of an amendment for the above-listed Special Local Need (SLN) registration pursuant to Section 24(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. This amended SLN registration permits use Dual Magnum® Herbicide (s-metolachlor) on spinach to control weeds. This amendment will extend the expiration date to December 31, 2027. In addition, it acknowledges a new bullet relating to s-metolachlor being on Arizona's groundwater protection list and the use must be reported. All other aspects remain the same.

The Agency has completed a review of the amendment of this use and acknowledges the State's Special Local Need registration, as amended. Please inform the registrant that we have placed a copy of the amended SLN label in our files. If you have any questions, please contact Maya Wheeler by phone at (202) 566-2957 or via email at wheeler.maya.b@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric W. Bohnenblust", is located below the "Sincerely," text.

Eric W. Bohnenblust, Ph.D.
Minor Use and Emergency Response Branch, Chief
Registration Division
Office of Pesticide Programs

CC: Patti TenBrook, USEPA Region 9 Regional Coordinator and Tribal Coordinator



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Section 24(c) Special Local Need Label

S-METOLACHLOR	GROUP	15	HERBICIDE
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FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF ARIZONA

Dual Magnum® Herbicide
For Control of Weeds in Spinach

EPA Reg. 100-816
EPA SLN No. AZ-120006

This label expires and must not be distributed or used in accordance with this SLN
registration after December 31, 2027

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 24C LABEL**

IMPORTANT- READ BEFORE USE

THESE CONDITIONS RISKS OF USE AND DISCLAIMER ARE REQUIRED BY SYNGENTA
CROP PROTECTION INC AND NOT SPECIFIED BY U.S. EPA OR THE STATE OF ARIZONA

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.
- S-metolachlor, the active ingredient in Dual Magnum, is on the State of Arizona's groundwater protection list. By law this use must be reported (on a form 1080 or equivalent) to the Arizona Department of Agriculture.

SPINACH

Dual Magnum Herbicide will not control emerged weeds. For effective weed control, Dual Magnum Herbicide must be applied to clean-tilled soil.

Apply Dual Magnum Herbicide at a broadcast rate of 0.33 – 0.67 pt/A (0.32 - 0.64 lb ai/A S-metolachlor) to the soil surface as a preplant or preemergence application i.e. prior to crop and weed emergence. In that rate range, use lower rates on soils relatively coarse-textured and higher rates on fine-textured soils. Not recommended on muck soils due to probable poor weed control.

For irrigated spinach: Irrigate with sprinkler or by furrow irrigation within two days of Dual Magnum Herbicide application.

Precautions and Restrictions: (1) **DO NOT** incorporate. (2) Only one application of Dual Magnum Herbicide permitted per spinach growing season on the same ground in one 12 month period or illegal residues may occur. (3) **DO NOT** apply more than 0.67 pt/A (0.64 lb ai/A per year) Dual Magnum Herbicide or illegal residues may occur. Do not apply more than 0.64 lb ai/A per year of S-metolachlor-containing products. (4) **DO NOT** harvest within 40 days of application or illegal residues may occur. (5) Only harvest mature spinach.

Chemigation: **DO NOT** apply this product through any irrigation system unless the labeling for chemigation is followed. Refer to the Dual Magnum Herbicide label (EPA Reg. No. 100-816) for use directions for chemigation.

Note: Applications of Dual Magnum Herbicide may cause significant injury to spinach 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.

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

Label Code: AZ0816041DA1222