

71368-43

09/28/2009

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mary Beth Endres
Nufarm Americas Inc.
150 Harvester Drive, Suite 200
Burr Ridge, IL 60527

9-28-09

Subject: EPA Reg. No. 71368-43 / Extra Credit 5 Systemic Herbicide

Dear Ms. Endres:

The labeling referred to above is acceptable provided you make the following changes:

1. Change "recommended rate" to "specified rate".
2. Change "General Weed Management" to "Weed Management". Delete "General" from "General Use Instructions" and "General Precaution Restrictions".

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. You must incorporate the supplemental label into the master label within 18 months from the date of this letter. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these conditions. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov

Sincerely,

A handwritten signature in black ink, appearing to read "Erik Kraft".

James A. Tompkins
Product Manager 25
Herbicide Branch
Registration Division (7505P)

- Report any incidence of repeated non-performance of this product on a particular weed to your Nufarm representative, local retailer, or county extension agent.

Management of Glyphosate-Resistant Biotypes

Since the occurrence of new glyphosate-resistant weeds cannot be determined until after product use and scientific confirmation, manufacturer is not responsible for any losses that may result from the failure of this product to control glyphosate-resistant weed biotypes..

The following good agronomic practices are recommended to reduce the spread of confirmed glyphosate-resistant biotypes:

- If a naturally occurring resistant biotype is present in your field, this product should be tank-mixed or applied sequentially with an appropriately labeled herbicide with a different mode of action to achieve control.
- Cultural and mechanical control practices (e.g. crop rotation or tillage) may also be used as appropriate.
- One method for adding other herbicides into a continuous Roundup Ready system to rotate to other Roundup Ready crops.
- Scout treated fields after herbicide applications and control escaping weeds including resistant biotypes before they set seed.
- Thoroughly clean equipment before leaving fields known to contain resistant biotypes.

CORN HYBRIDS WITH ROUNDUP READY® 2 TECHNOLOGY

(Corn hybrids with Roundup Ready 2 Technology include Roundup Ready Corn 2 and seed products displaying the Roundup Ready 2 Technology logo)

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence (In-crop), Spot Treatment, Preharvest, Post-Harvest.

GENERAL USE INSTRUCTIONS: Refer to the following table for maximum application rates of this product with corn hybrids with Roundup Ready 2 Technology.

Maximum Application Rates	
Combined total per year for all applications	6.5 quarts per acre
Total of all Preplant, At-Planting, Preemergence applications	4 quarts per acre
Total of all in-crop applications from emergence through 48-inch corn	78 fluid ounces per acre (39 fluid ounces per acre per application)
Maximum preharvest application rate after maximum kernel fill is complete and the crop is physiologically mature (black layer formation) until 7 days before harvest	26 fluid ounces per acre

See PRECAUTIONS, RESTRICTIONS section for Preharvest applications

GENERAL PRECAUTION, RESTRICTIONS: See "ROUNDUP READY CROPS" section of the label for general precautionary instructions for use in Roundup Ready crops. The maximum combined total amount of this product that may be applied per year is 6.5 quarts per acre. See "GENERAL INFORMATION" section of the label for information on Maximum Application Rates. **The use of the in-crop (over-the-top) rates described in these instructions on other than corn hybrids with Roundup Ready 2 Technology, including Roundup Ready Corn 2 and products displaying the Roundup Ready 2 Technology logo may cause crop injury and reduced yields.**

Preplant, At-Planting, Preemergence

USE INSTRUCTIONS: This product may be applied alone or in a tank mixture before, during or after planting.

TANK MIXTURES: This product may be tank-mixed with the products listed below. Ensure that the specific product being used is labeled for application prior to emergence of corn. Read and follow label

directions for all products in the tank mixture. Apply these tank mixtures in 10 to 20 gallons of water, or 10 to 60 gallons of nitrogen solution, per acre.

Bullet	Keystone	atrazine	Linex
Lariat	Keystone LA	Axiom	Lorox
Micro-Tech	TopNotch	Balance PRO	Marksman
alachlor	acetochlor	Banvel	pendimethalin
Degree	Bicep MAGNUM	Clarity	Python
Degree Xtra	Bicep II MAGNUM	Define	Python II
Harness	Bicep Lite II MAGNUM	Distinct	Radius
Harness Xtra	Dual II MAGNUM	Epic	Resolve
Harness Xtra 5.6L	metolachlor	Guardsman	Resource
Frontier	2,4-D	Guardsman MAX	
Outlook	Aim	Leadoff	
FulTime	Aim EC	Hornet	

PRECAUTIONS, RESTRICTIONS: Maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 4 quarts per acre per season. Refer to individual tank mixture product label for restrictions and precautions; use according to the most restrictive precautionary statements for each product in the tank mixture.

NOTE: For maximum weed control, a postemergence (in-crop) application of this product should be applied following the use of the preemergence residual products listed above.

Postemergence (In-crop)

USE INSTRUCTIONS: This product may be applied alone or in tank mixtures over the top of corn hybrids with Roundup Ready 2 Technology from emergence through the V8 stage (8 leaves with collars), or until corn height reaches 30 inches (free standing), whichever comes first. Drop nozzles are recommended for optimum spray coverage and weed control when corn height is 24 to 30 inches. For corn heights 30 to 48 inches (free standing), apply this product **only** using ground application equipped with drop nozzles aligned to avoid spraying into the whorls of the corn plants. Single in-crop applications of this product up to 48 inch corn must not exceed 39 fluid ounces per acre. Sequential in-crop applications of this product from emergence through 48 inches in height must not exceed 78 fluid ounces per acre per growing season.

When applied as directed, this product will control annual grasses and broadleaf weeds listed on the label. Many perennial grasses and broadleaf weeds will be controlled or suppressed with one or more application of this product. A postemergence application of 19 to 26 fluid ounces of this product per acre should be made before weeds exceed 4 inches in height, or, generally, before they become competitive with the crop. If new flushes of weeds occur, a sequential application of this product at 19 to 26 fluid ounces per acre should be made before weeds exceed 4 inches in height.

TANK MIXTURES: This product may be tank-mixed with the following products. Ensure that the specific product being used in the tank mixture is registered for application postemergence (in-crop) to corn. Read and follow label directions of all products in the tank mixture.

Bullet	Harness Xtra	Banvel	Hornet
Micro-Tech	Harness Xtra 5.6L	Basis	Marksman
alachlor	acetochlor	Basis Gold	Option
Degree	2,4-D	Clarity	Resolve
Degree Xtra	Aim EC	Distinct	Resource
Harness	atrazine	Equip	

Tank Mix Partner	Maximum Height of Corn at Application (Inches)
Degree Degree Xtra Harness Harness Xtra Harness Xtra 5.6L	11
Bullet* Micro-Tech*	5
atrazine	12

*Bullet and Micro-Tech are not registered for use as a postemergence application in Texas.

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 10 days between in-crop applications of this product. Allow a minimum of 50 days between application of this product and harvest of corn forage or grain. Refer to individual tank mixture product label for restrictions and precautions, use according to the most restrictive precautionary statements for each product in the tank mixture.

Preharvest

USE INSTRUCTIONS: This product may be applied for annual and perennial weed control prior to harvest at use rates up to 26 fluid ounces per acre. Make applications at 35 percent grain moisture or less. Ensure that maximum kernel fill is complete and the corn is physiologically mature (black layer formed).

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between application and harvest or feeding of corn stover or grain. A preharvest application may only be made if the combined total of previously applied over-the-top or drop nozzle applications does not exceed 52 fluid ounces of this product per acre.

Post-Harvest

USE INSTRUCTIONS: This product may be applied for weed control after crop harvest. Higher rates may be required for control of large weeds that were growing in the crop at the time of harvest. Tank mixtures with 2,4-D or dicamba may be used.

PRECAUTIONS, RESTRICTIONS: Allow a minimum of 7 days between treatment and harvest or feeding of treated vegetation.

PREHARVEST AND SPOT TREATMENTS OF WEEDS IN DRY PEAS, LENTILS AND CHICKPEAS

This product may be applied as an over-the-top to control labeled weeds prior to the harvest to dry peas, lentils, and chickpeas. Apply up to 78 fluid ounces of product per acre in dry peas, lentils and chickpeas, in 3 to 20 gallons of water per acre at the hard dough stage of the legume seed (30 percent grain moisture or less). Either ground or aerial applications may be made.

Precautions and Restrictions

- Apply at least 7 days before harvest
- Only one application per year may be made; do not combine a preharvest spray with a spot treatment on the same crop area.
- Employ at least a 30 day plant-back interval between treatment and replanting for any crop not listed on this product label.
- Preharvest application is not recommended for legumes grown for seed, as a reduction in germination or vigor may occur.
- Do not feed treated vines and hay from these crops to livestock.
- Do not apply this product through any type of irrigation system.
- Do not treat cowpeas or field (feed) peas, since these are considered to be grown as livestock feed.

SPOT TREATMENTS

This product may be applied as a spot treatment to control troublesome weeds such as Canada thistle, quackgrass, mayweed (dog fennel) and milkweed in dry peas, lentils, and chickpeas. Apply up to 78 fluid ounces of product per acre in dry peas, lentils and chickpeas in, 10 to 20 gallons of water through ground spray equipment or use a 2 percent solution in a handheld sprayer. For best results, applications should be made at or beyond the bud state of growth. The crop receiving spray in treated areas will be killed.

Precautions and Restrictions

- Apply at least 7 days before harvest.
- Only one application per year may be made; do not combine a preharvest spray with a stop treatment on the same crop area.
- Employ at least 30 day plant-back interval between treatment and replanting for any crop not listed in this product label.
- Do not feed treated vines and hay from these crops to livestock.
- Do not treat cowpeas or field (feed) peas, since these are considered to be grown as livestock feed.

**VEGETABLES
(Peppers)**

Hooded Sprayers— This product may be used through hooded sprayers for weed control between the rows of peppers. Only hooded sprayers that completely enclose the spray pattern may be used. A hooded sprayer is a type of shielded applicator. The spray pattern is completely enclosed on the top and all 4 sides by a hood, thereby shielding the crop from the spray solution. This equipment must be set up and operated in a manner that avoids bouncing or raising the hoods off the ground in any way. If the hoods are raised, spray particles may escape and come into contact with the crop, causing damage or destruction of the crop. The spray hoods must be operated on the ground or skimming across the ground. Tractor speed must be adjusted to avoid bouncing of the spray hoods. Avoid operation on rough or sloping ground where the spray hoods might be raised off the ground.

Follow these requirements:

- The spray hoods must be operated on the ground or skimming across the ground.
- Leave at least an 8 inch untreated strip over the drill row. For example, if the crop row width is 38 inches, the maximum width of the spray hood should be 30 inches
- Maximum tractor speed: 5 mph.
- Maximum wind speed: 10 mph
- Use low-drift nozzles.

**Vine Crops
(Kiwi Fruit, Grapes, Hops and Passion Fruit)**

This product is recommended for weed control in established groves, vineyards, and orchards, or for site preparation prior to transplanting crops listed in this section. Applications may be made with boom equipment, CDA, shielded sprayers, hand-held and high-volume wands, lances, orchard guns or with wiper applicator equipment, except as directed in this section. See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of the label booklet for this product for specific information on use of equipment and directions. When applying this product, refer to the "WEEDS CONTROLLED" section of the label booklet for this product and to specific recommendations in that section for rates to be used.

Applications should not be made when green shoots, canes, or foliage are in the spray zone.

Any variety of table, wine or raisin grape may be treated with any equipment listed in this section. In the northeast and Great Lakes regions, applications must be made prior to the end of bloom stage of grapes to avoid injury.

Allow a minimum of 14 days between last application and harvest.

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NOTICE

Read the "WARRANTY DISCLAIMER" and "LIMITATION OF LIABILITY" in the label booklet for this product before using this product. Those terms apply to this supplemental labeling and if those terms are not acceptable, return the product unopened at once.

**Manufactured For NUFARM, INC.
150 Harvester Drive | Burr Ridge, IL 60527**

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