

42750-59

9/28/2009

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

08-28-09

Morris Gaskins
Albaugh, Inc.
1525 NE 36th Street
Ankeny, IA 50021

Subject: EPA Reg. No. 42750-59 / Glyphosate 53.8% Supplemental Label

Dear Mr. Gaskins:

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

1. Delete "General" from "General Information".
2. Change "Weed Control Recommendations" to "Weed Control Directions".
3. Change "recommended rates" and similar phrases throughout the label to "specified rates".

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. The Supplemental label must be incorporated within 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 cursive script that reads "Erik Kraft for".

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

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SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR GLYPHOSATE 53.8% BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.

When using GLYPHOSATE 53.8% herbicide as permitted according to this supplemental labeling, read and follow all applicable directions, restrictions, and precautions on the label booklet provided with the pesticide container and on this supplemental labeling. This supplemental labeling must be in the possession of the user at the time of pesticide application.

GLYPHOSATE 53.8%

EPA Reg. No. 42750-59

ACCEPTED
with COMMENTS
In EPA Letter Dated:

09-28-09

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

FOR POSTEMERGENCE APPLICATIONS TO ROUNDUP READY CORN 2

KEEP OUT OF REACH OF CHILDREN

CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FOR CHEMICAL SPILL, LEAK, FIRE, OR EXPOSURE, CALL CHEMTREC (800) 424-9300.

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.

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, GREEN STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, (EXCEPT AS SPECIFIED FOR INDIVIDUAL ROUNDUP READY® CROPS) DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

See "GENERAL INFORMATION" and "MIXING" sections of the label booklet for GLYPHOSATE 53.8% herbicide for essential product performance information.

GENERAL INFORMATION

ALBAUGH, INC. RECOMMENDS USE OF THIS PRODUCT ONLY ON CORN HYBRIDS DESIGNATED AS CONTAINING THE ROUNDUP READY® GENE.

- Applying this product to corn varieties which are not designated as Roundup Ready® will result in severe crop injury and yield loss.
- The Roundup Ready® designation indicates that the corn contains a patented gene which provides tolerance to this product. Information on Roundup Ready® corn may be obtained from your seed supplier.

Note: The instructions provided in this supplemental label are specific to, and should only be used with Roundup Ready Corn 2 hybrids. DO NOT combine the instructions in this supplemental label with those in the "Corn with the Roundup Ready Gene" section of the

GLYPHOSATE 53.8% herbicide label booklet, or with any other Roundup Ready corn instructions on labeling for this or other glyphosate-containing product. See "Annual Maximum Use Rate" in the "GENERAL INFORMATION" section of the GLYPHOSATE 53.8% herbicide label booklet, for additional information.

The use of the higher in-crop over the top rates described in this supplemental label on other than Roundup Ready Corn 2 may cause crop injury and reduce yields.

APPLICATION INSTRUCTIONS

For Roundup Ready Corn 2 from emergence through the V8 stage (8 leaves with collars) or until corn height reaches 30 inches, whichever comes first, this product may be applied over-the-top broadcast or with drop nozzles. When corn height is 24 to 30 inches (free standing), for optimum spray coverage and weed control, drop nozzles are recommended. For corn heights 30 to 48 inches (free standing), apply this product **only** using ground application equipment with drop nozzles adjusted to avoid spraying into the whorls of the corn plants.

Single in-crop applications of this product should not exceed 36 fluid ounces per acre.

MAXIMUM ALLOWED COMBINED APPLICATION QUANTITIES PER SEASON

Preplant, At-Planting, Pre-emergence: Maximum amount of this product which can be applied prior to crop emergence is 3.75 quarts per acre.

In-crop: Maximum combined total of multiple in-crop applications from emergence through the 48 inch stage is 2.25 quarts per acre.

Preharvest: Maximum preharvest application rate after maximum kernel fill is complete and the crop is physiologically mature (black layer formation) with 35 percent grain moisture or less until 7 days before harvest is 0.75 quarts per acre. See Precautions and Restrictions on preharvest applications.

Cropping Season: Combined total per year for all applications may not exceed 6.0 quarts per acre.

The addition of 1 to 2 percent dry ammonium sulfate by weight or 8.5 to 17 pounds per 100 gallons of water may increase the performance of this product under hard water conditions, drought conditions or when tank mixed with Bullet® or Micro-Tech® herbicides. Ensure that ammonium sulfate is completely dissolved in the spray tank before adding herbicides. Thoroughly rinse the spray system with clean water after use to reduce corrosion. The addition of other additives, including fertilizers and micro-nutrients are not recommended with this product since this may result in increased potential for crop injury.

ATTENTION: AVOID DRIFT, EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIRABLE PLANTS AND CROPS WHICH DO NOT CONTAIN THE ROUNDUP READY GENE.

THOROUGHLY CLEAN THE SPRAY TANK AND ALL LINES AND FILTERS TO ELIMINATE POTENTIAL CONTAMINATION FROM OTHER HERBICIDES PRIOR TO MIXING AND APPLYING THIS PRODUCT.

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For ground applications: Use the recommended rates of this product in 5 to 20 gallons of spray solution per acre as a broadcast spray. Carefully select correct nozzles and spray pressure to avoid spraying a fine mist. Check for even distribution of spray droplets.

For aerial applications: Use the recommended rates of this product in 3 to 15 gallons of spray solution per acre. Do not exceed **0.75 quarts** per acre. See "WEEDS CONTROLLED" section below.

AVOID DRIFT – DO NOT APPLY DURING INVERSION CONDITIONS, WHEN WINDS ARE GUSTY OR UNDER ANY OTHER CONDITIONS WHICH FAVOR DRIFT. DRIFT MAY CAUSE DAMAGE TO ANY VEGETATION CONTACTED TO WHICH TREATMENT IS NOT INTENDED. TO PREVENT INJURY TO ADJACENT VEGETATION, APPROPRIATE BUFFER ZONES MUST BE MAINTAINED.

WEED CONTROL RECOMMENDATIONS

Apply **18 to 24 fluid ounces** of this product per acre for control of labeled grasses and broadleaf weeds in conventional and no-till corn production systems. Refer to the label booklet for GLYPHOSATE 53.8% herbicide for rate recommendations for specific annual weeds. GLYPHOSATE 53.8% herbicide applied at up to **54 fluid ounces** per acre will control or suppress the growth of perennial weeds such as: Bermudagrass, Canada thistle, common milkweed, field bindweed, hemp dogbane, horsenettle, nutsedge, quickgrass, rhizome Johnsongrass, redvine, trumpetcreeper, swamp smartweed, and wirestem muhly. For additional information on perennial weeds, see the "PERENNIAL WEED RATE TABLE" of the label booklet for GLYPHOSATE 53.8%.

Preplant, Preemergence, At-Planting

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

TANK MIXTURES: This product may be tank mixed with Bullet, Degree, Degree Xtra, Harness, Harness Xtra, Harness Xtra 5.6L, Lariat, Lasso or Micro-Tech herbicides at 50 to 100 percent of labeled rate. Refer to the specific product label and observe all precautions and limitations on the label for any preemergence herbicide application, including application timing restrictions, soil restrictions, minimum recropping interval and rotational guidelines—the more restrictive requirements apply.

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

Preemergence followed by Post-emergence Weed Control Program

USE INSTRUCTIONS: This product may be applied post-emergence in-crop following any labeled preemergence herbicide application. The post application of this product should be made before the weeds reach a height and/or density that the weeds become competitive with the crop.

An in-crop application of this product at the recommended rate will provide control of emerged weeds listed on the label. This product may be applied over-the-top broadcast or with drop nozzles post-emergence to stage (8 leaves with collars) or until corn height reaches 30 inches (free standing), whichever comes first. When corn height is 24 to 30 inches drop nozzles are recommended for optimum spray coverage and weed control. For corn heights 30 to 48 inches (free standing), apply this product only using ground application equipment with drop nozzles and avoid spraying into the whorls of the corn plants.

Postemergence (in-crop) Only Weed Control Program

USE INSTRUCTIONS: This product may be applied alone as a post-emergence in-crop application to provide control of emerged weeds listed on the label. The post-emergence application of this product should be made before the weeds reach a height and/or density that the weeds become competitive with the crop. If new flushes of weeds occur, a sequential application of this product at **18 to 24 fluid ounces** per acre will control the labeled grasses and broadleaf weeds. This product may be applied over-the-top broadcast or with drop nozzles post-emergence to Roundup Ready Corn 2 from emergence through the V8 stage or until corn height reaches 30 inches (free standing), whichever comes first. For corn height 30 to 48 inches (free standing), apply this product only using ground application equipment with drop nozzles and avoid spraying into the whorls of the corn plants. When corn height is 24 to 48 inches (free standing), for optimum spray coverage and weed control, drop nozzles are recommended.

TANK MIXTURES: This product may be applied in tank mixture with a labeled rate of Degree, Degree Xtra, Harness, Harness Xtra, Harness Xtra 5.6L, Micro-Tech, and Bullet herbicides at 50 to 100 percent of labeled rate. This product may be applied in tank mixture with Permit, and atrazine at labeled rates. Refer to the specific product label and observe all precautions and limitations on the label for all products used in tank mixtures, including application timing restrictions, soil restrictions, minimum re-cropping interval and rotational guidelines-the more restrictive requirements apply. Tank mixtures with other products may result in increased potential for crop injury and/or weed antagonism. Refer to the table below for height limitation for tank mix partner.

Tank Mix Partner	Maximum Height of Corn for Application
Degree Degree Xtra Harness Harness Xtra Harness Xtra 5.6L	11 inches
Bullet* Micro-Tech*	5 inches
Permit	30 inches
Atrazine	12 inches

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

PRECAUTIONS, RESTRICTIONS: See the "ROUNDUP READY CROPS" section of the GLYPHOSATE 53.8% label booklet for general precautionary instructions for use in Roundup Ready Crops. Single in-crop applications of this product should not exceed **36 fluid ounces** per acre. 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. For applications at a preharvest timing (see Preharvest section of this supplemental label), allow a minimum of 7 days between application and harvest or feeding of corn stover or corn grain. There are no rotational crop restrictions following applications of this product.

PREHARVEST

USE INSTRUCTIONS: A single preharvest application of up to **24 fluid ounces** per acre of this product may be made, if no more than a total of **48 fluid ounces** of this product has been previously applied in over-the-top or drop nozzles applications. Make a preharvest application at 35 percent grain moisture or less. Ensure that maximum kernel fill is complete and the corn is physiologically mature (black layer formed).

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PRECAUTIONS, RESTRICTIONS: Do not make a preharvest application of this product if more than a combined total of **48 fluid ounces** of this product has been previously applied in over-the-top or drop nozzles applications. Allow a minimum of 7 days between a preharvest application and harvest or feeding of corn stover or grain.

POSTHARVEST

USE INSTRUCTIONS: This product may be applied after harvest of corn. 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.

Read the "LIMIT OF WARRANTY AND LIABILITY" in the label booklet for GLYPHOSATE 53.8% before using. For over-the-top uses on Roundup Ready crop varieties, crop safety and weed control performance are not warranted by ALBAUGH, INC. when this product is used in conjunction with "brown bag" or "bin run" seed saved from the previous year's productions and replanted. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

Bullet, Degree, Degree Xtra, Harness, Micro-Tech, Lariat and Lasso are registered trademarks of Monsanto Technology LLC.

Permit is a trademark of, and used under license from, Nissan Chemical Industries, Ltd.

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