

42750-60

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

JULY 29 2010

Mr. Morris Gaskins
Albaugh Inc.
P.O. Box 2127
Valdosta, GA 31604

Subject: Glyphosate 41%
EPA Registration Number 42750-60
Application dated June 23, 2010
For Weed Control Applications in Forage and Hay Production of Roundup Ready Alfalfa
(Supplemental label)

Dear Mr. Gaskins:

The supplemental labeling referred to above and submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable, provided you make the following changes before you release the product for shipment:

- 1) Revise references to "General Information" to "Use Information" or "Product Information." Also revise the section title on the main label.
- 2) Revise "RECOMMENDS USE" to "intends"
- 3) Remove all the words "general"
- 4) Revise "other recommendations" to "other directions" on page 1
- 5) On page 2, revise "recommended rates" to "specified rates"
- 6) On page 3, revise all four occurrences of "should" to "must" in the sections Over-the-top applications and PRECAUTIONS AND RESTRICTIONS.
- 7) Add "to the extent consistent with applicable law" before "For over-the-top uses on roundup Ready crop varieties" at the bottom of page 3.

At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate the supplemental label into the main product labeling. A stamped copy of the label is enclosed for your records. Please submit one copy of final printed label incorporating the above specified revisions before you release the product for shipment. If you have any questions, please contact Hope Johnson at 703-305-5410.

Sincerely,

A handwritten signature in cursive script, appearing to read "James A. Tompkins, acting for".

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

SUPPLEMENTAL LABELING

READ THE ENTIRE LABEL FOR GLYPHOSATE 41% HERBICIDE BEFORE PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABEL

When using Glyphosate 41% 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 41% EPA Reg. No. 42750-60

FOR WEED CONTROL APPLICATIONS IN FORAGE AND HAY PRODUCTION OF ROUNDUP READY ALFALFA

KEEP OUT OF REACH OF CHILDREN.

CAUTION

In case of an emergency involving this product, Call CHEMTREC toll free at 1-800-424-9300

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any 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, ESPOSED NON-WOODY ROOTS OR FRUIT OF CROPS (EXCEPT AS SPECIFIED FOR INDIVIDUAL ROUNDUP READY CROPS), DESIREABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION MAY RESULT.

See "GENREAL INFORMATION" and "MIXING" sections of the label booklet for GLYPHOSATE 41% herbicide for essential product performance information.

ALBAUGH RECOMMENDS USE OF THIS PRODUCT FOR POSTEMERGENCE APPLICATION ONLY ON ALFALFA VARIETIES DESIGNATED AS CONTAINING A ROUNDUP RADY GENE.

The Roundup Ready designation indicates that the alfalfa contains a patented gene, which provides tolerance to this product. Information on Roundup Ready alfalfa varieties may be obtained from your seed supplier or Albaugh representative. Roundup Ready crop varieties must be purchased from an authorized licensed seed supplier.

See the "ROUNDUP READY CROPS" section of the Glyphosate 41% herbicide label booklet for general precautionary instructions for use in Roundup Ready crops. Do NOT combine these instructions with other recommendations made for crop varieties that do not contain a Roundup Ready gene listed in the "ANNUAL AND PERENNIAL CROPS (Alphabetical)" sections of the Glyphosate 41% herbicide label booklet.

ACCEPTED
with COMMENTS
in EPA Letter Dated

JUL 29 2010

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

42750-60

APPLICATION INSTRUCTIONS

This product will control many troublesome emerged weeds with over-the-top applications in Roundup Ready alfalfa. Allow a minimum of 5 days between the last application and grazing, or, cutting and feeding of alfalfa forage and hay.

For ground applications with broadcast equipment, apply this product in 3 to 40 gallons of spray solution per acre. Carefully select proper nozzle and spray pressure to avoid spraying a fine mist. For best results with ground application equipment, use flat fan nozzles. Check for even distribution of spray droplets.

For aerial application: Use the recommended rates of this product in 3 to 15 gallons of spray solution per acre.

DO NOT EXCEED 2.0 QUARTS OF THIS PRODUCT PER ACRE WHEN MAKING APPLICATIONS BY AIR.

FOR AERIAL APPLICATION IN CALIFORNIA, REFER TO THE FEDERAL SUPPLEMENTAL LABEL FOR AERIAL APPLICATION IN THAT STATE. AVOID DRIFT. EXTREME CARE MUST BE USED WHEN APPLYING THIS PRODUCT TO PREVENT INJURY TO DESIREABLE PLANTS AND CROPS WHICH DO NOT CONTAIN A ROUNDUP READY GENE.

Do not apply during low-level inversion conditions, when winds are gusty or under any other conditions that favor drift. Drift may cause damage to any vegetation contacted to which treatment is not intended. To prevent injury to adjacent desirable vegetation, appropriate buffer zones must be maintained.

See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of the label booklet for procedures to avoid spray drift that may cause injury to any vegetation not intended for treatment.

Sprayer Preparation: It is important that sprayer and mixing equipment be clean and free of pesticide residue before making applications of this product to Roundup Ready alfalfa. Follow the cleaning procedures specified on the label of the product(s) used. Alfalfa can be very sensitive to many herbicides at extremely low concentrations and care should be taken to thoroughly clean all equipment prior to use.

Types of applications: Pre-plant, At-planting, Preemergence and Postemergence

MAXIMUM ALLOWABLE APPLICATION RATES

Combined total per year for all applications, including preplant during year of establishment	7.75 quarts per acre
Combined total per year for in-crop applications for newly established and established stands	6.0 quarts per acre (192 fl oz per acre)
Pre-plant, At-planting and Preemergence single applications	2.0 quarts per acre

A. New Stand Establishment (seeding year)

Prior to First Cutting During New Stand Establishment:

From emergence up to 4 trifoliolate leaves	2.0 quarts per acre
From 5 trifoliolate leaves up to 5 days before first cutting	2.0 quarts per acre

After First Cutting in Newly Established Stands:

In-crop application, per cutting, up to 5 days before cutting	2.0 quarts per acre
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B. Established Stands (non-seeding year)

In-Crop applications, per cutting, up to 5 days before cutting	2.0 quarts per acre
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There are no rotational crop restrictions following applications of this product. For any crop NOT listed in the label booklet, applications must be made at least 30 days prior to planting.

Over-the-top applications: This product may be applied postemergence to Roundup Ready alfalfa from emergence until 5 days prior to cutting. Any single over-the-top applications of this product should not exceed 2.0 quarts per acre. Sequential applications of this production should be at least 7 days apart.

ATTENTION: Where Roundup Ready alfalfa is grown with a companion or cover crop, or is overseeded with a second species, over-the-top applications of this product will eliminate the non-Roundup Ready species.

During stand establishment, due to the biology and breeding constraints of alfalfa, up to 10% of the seedlings may not contain the Roundup Ready gene and will not survive after the first application of this product. To eliminate the undesirable effects of stand gaps created by the loss of plants not containing a Roundup Ready gene, a single application of at least 1.0 quart per acre of this product should be applied at or before the 3 to 4 trifoliolate growth stage.

In both newly seeded and established stands, in order to maximize yield and quality potential of forage and hay, applications of this product should be made after weeds have emerged but before alfalfa growth or re-growth interferes with application spray coverage of the target weeds.

Weeds controlled: For specific rates of application and instructions for control of various annual and perennial weeds, refer to the "ANNUAL WEEDS RATE TABLE" and the "PERINNIAL WEEDS RATE TABLE" in the GLYPHOSATE 41% herbicide label booklet. Some weeds with multiple germination times or suppressed (stunted) weeds may require a second application of this product for complete control. The second application should be made after some re-growth of weeds has occurred.

In addition to those weeds listed in the GLYPHOSATE 41% herbicide label booklet, this product will suppress or control the parasitic weed, Dodder (*Cuscuta spp.*) in Roundup Ready alfalfa. Repeat applications may be necessary for complete control.

Tank mixtures with other herbicides, insecticides, or fungicides may result in crop injury or reduced weed control and are NOT recommended for over-the-top applications of this product.

PRECAUTIONS AND RESTRICTIONS:

- Any single over-the-top application of this product should not exceed 2.0 quarts (64 fluid ounces) per acre.
- Sequential applications of this production should be at least 7 days apart.
- The combined total per year for all in-crop applications in newly established and established stands must not exceed 6.0 quarts (192 fluid ounces) per acre.
- Remove domestic livestock before application and wait a minimum of 5 days after last application before grazing, or cutting and feeding of Roundup Ready alfalfa forage and hay.

Read the "LIMIT OF WARRANTY OR LIABILITY" in the label booklet for GLYPHOSATE 41% herbicide before using. For over-the-top uses on Roundup Ready crop varieties, crop safety and weed control performance are not warranted by Albaugh when this product is used in conjunction with "brown bag" or "bin run" seed saved from previous year's production and replanted. These terms apply to this supplemental labeling and if these terms are not acceptable, return the product unopened at once.

Manufactured By:
Albaugh, Inc.
Ankeny, IA 50021