

PLEASE NOTE

This image contains more than one label approved for this product on this date.

62719-323

01/07/2004

1/3



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JAN - 7 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Diego Fonseca
DowAgroSciences, LLC
9330 Zionsville Road
Indianapolis, IN 46268

Dear Mr. Fonseca:

Subject: Glyphomax (Drop Nozzle Application Postemergence to Corn With the Roundup Ready Gene)
EPA Registration No. 62719-323
Application Dated November 3, 2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. A stamped copy of labeling is enclosed for your records.

Supplemental labeling must be incorporated into a master label and copies of master labeling submitted to the Agency for our files at your next printing or within two years from the date of acceptance of supplemental labeling, whichever comes first. The Agency will consider a convincing argument as to why a supplemental label should not appear on a master label on a case by case basis.

Sincerely,

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

Supplemental Labeling



Dow AgroSciences LLC 9330 Zionsville Road Indianapolis, IN 46268-1054 USA

Glyphomax* EPA Reg. No. 62719-323

For Drop Nozzle Applications Postemergence to Corn with the Roundup Ready® Gene

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Glyphomax* herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Glyphomax according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container.

Directions for Use

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 Glyphomax herbicide for essential product performance information.

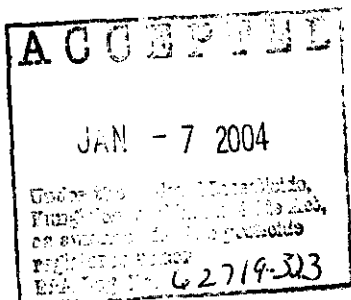
General Information

Glyphomax is recommended for use on corn hybrids designated as containing the Roundup Ready gene.

- Applying Glyphomax to corn hybrids 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.

Application Instructions

Note: The instructions provided in this supplemental label allow applications using drop nozzles to Roundup Ready corn through 48 inches tall (free standing). The instructions printed in the "Corn with the Roundup Ready Gene" section of the label booklet for Glyphomax plus those included in this supplemental labeling are all applications that can be made to Roundup Ready corn during the complete cropping season. See the general "Roundup Ready Crops" section of the label booklet for Glyphomax for additional information.



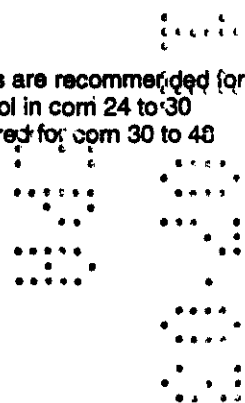
For Roundup Ready corn from emergence through the V8 stage (8 leaves with collars) or until corn height reaches 30 inches, whichever comes first, this product may be broadcast applied over-the-top or with drop nozzles. When corn height is 24 to 30 inches (free standing), for optimum spray coverage and weed control, drop nozzles are recommended. For corn heights from 30 to 48 inches (free standing), apply this product using only ground 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 1 quart per acre. The maximum combined total of multiple in-crop application from emergence through the 48-inch stage is 2 quarts per acre.

*Trademark of Dow AgroSciences LLC
Roundup Ready is a registered trademark of Monsanto Company

R-088-002
EPA-accepted: ___/___/___
Initial printing.

Revisions: Drop nozzles are recommended for optimum weed control in corn 24 to 30 inches tall and required for corn 30 to 48 inches tall.



NEXT

LABEL

62719-323

01/07/2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

JAN - 7 2004

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Mr. Diego Fonseca
Dow AgroSciences, LLC
9330 Zionsville Road
Indianapolis, IN 46268

Dear Mr. Fonseca:

Subject: Glyphomax (Postemergence Application to Roundup Ready 603 Corn)
EPA Registration No. 62719-323
Application Dated November 3, 2003

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended is acceptable. A stamped copy of labeling is enclosed for your records.

Supplemental labeling must be incorporated into a master label and copies of master labeling submitted to the Agency for our files at your next printing or within two years from the date of acceptance of supplemental labeling, whichever comes first. The Agency will consider a convincing argument as to why a supplemental label should not appear on a master label on a case by case basis.

Sincerely,

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

Supplemental Labeling



Dow AgroSciences LLC

9330 Zionsville Road

Indianapolis, IN 46268-1054 USA

Glyphomax*

EPA Reg. No. 62719-323

For Postemergence Applications to Roundup Ready® 603 Corn

ATTENTION

- It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
- This labeling must be in the possession of the user at the time of application.
- Read the label affixed to the container for Glyphomax* herbicide before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of Glyphomax according to this supplemental labeling is subject to all use precautions and limitations imposed by the label affixed to the product container.

Directions for Use

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 Glyphomax herbicide for essential product performance information.

General Information

Glyphomax is recommended for use on corn hybrids designated as containing the Roundup Ready gene.

- Applying Glyphomax to corn hybrids 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® 603 Corn Hybrids. Do not combine the instructions in this supplemental label with those in the "Corn with the Roundup Ready Gene" section of the label booklet for Glyphomax or with any other use directions for Roundup Ready corn for this or other glyphosate-containing product. See "annual Maximum Use Rate" in the "General Information" section of the label booklet for Glyphomax for additional information.

The use of the higher in-crop over-the-top use rates described in this supplemental label on Roundup Ready corn other than Roundup Ready 603 corn may cause crop injury and reduce yields.

Application Instructions

For Roundup Ready 603 corn from emergence through the V8 stage (8 leaves with collars) or until corn height reaches 30 inches, whichever comes first, this product may be broadcast applied over-the-top 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 from 30 to 48 inches (free standing), apply this product using only ground 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 50 fluid ounces per acre.

Maximum Application Rates Allowed per Season

Preplant, At-Planting, Preemergence: The maximum amount of Glyphomax that can be applied prior to crop emergence is 5 quarts per acre.

In-crop: The maximum combined total of multiple in-crop applications from emergence through the 48-inch stage is 3 quarts per acre.

Preharvest: The 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 1 quart per acre. **See Precautions and Restrictions for preharvest applications.**

Cropping Season: The combined total per year for all applications may not exceed 8 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 Glyphomax under hard water conditions, drought conditions or when using nitrogen solution as carrier or when tank mixing with atrazine or atrazine-containing premix herbicide products. 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 micronutrients are not recommended with Glyphomax 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 that 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.

For ground application: Apply the recommended rate of Glyphomax 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 application: Apply the recommended rate of Glyphomax in 3 to 15 gallons of spray solution per acre. Do not exceed 1 quart per acre. See "Weeds Controlled" section on this label. **Avoid drift - do not apply during 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 vegetation, appropriate buffer zones must be maintained.**

Weed Control Recommendations

Apply 25 to 32 fluid ounces of Glyphomax herbicide per acre for control of labeled grasses and broadleaf weeds in conventional and no-till corn production systems. Apply a minimum of 24 fl oz per acre of Glyphomax when tank mixing with nitrogen solution as spray carrier or Aim herbicide,

atrazine or atrazine-containing premix herbicide products. Apply a minimum of 28 fl oz per acre when tank mixing with 1.5 lb per acre or more of atrazine active ingredient. Refer to the label booklet for Glyphomax herbicide for rate recommendations for specific annual weeds. Glyphomax herbicide applied at up to 50 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, quackgrass, rhizome johnsongrass, redvine, trumpetcreeper, swamp smartweed, and wirestem muhly. For additional information on perennial weeds, see the "Perennial Weeds Rate Table" in the label booklet for Glyphomax.

Preplant, Preemergence, At-Planting

This product may be applied alone or in tank mix combination before or after planting corn.

Tank Mixtures: This product may be tank mixed with FulTime* herbicide, Keystone* herbicide, Keystone LA herbicide, Surpass* EC herbicide, or TopNotch* herbicide or other labeled preemergence herbicide at 50 to 100 percent of the labeled rate (See tank mix product listing in table below). 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. In all cases, the more restrictive requirements apply.

Preemergence followed by Postemergence Weed Control Program

This product may be applied postemergence in-crop following any labeled preemergence herbicide application. The post application of Glyphomax 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 Glyphomax at the recommended rate will provide control of emerged weeds listed on the label. This product may be broadcast applied over-the-top or with drop nozzles postemergence to Roundup Ready 603 corn from emergence through the V8 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 to optimum spray coverage and weed control. 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.

Postemergence (In-crop) Only Weed Control Program

This product may be applied alone as a postemergence in-crop application to provide control of emerged weeds listed on the label. The postemergence application of Glyphomax should be made before the weeds reach a height and/or density that becomes competitive with the crop. If new flushes of weeds occur, a sequential application of Glyphomax at 24 to 32 fluid ounces per acre will control the labeled grasses and broadleaf weeds. This product may be broadcast applied over-the-top or with drop nozzles postemergence to Roundup Ready 603 corn 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 control of target weeds, drop nozzles are recommended.

Tank Mixtures: This product may be applied in tank mixture with a labeled rate of FulTime, Hornet* WDG herbicide, Keystone, Keystone LA, TopNotch or other labeled herbicides at 50 to 100 percent of labeled rates (See tank mix product listing in table below). Refer to the specific product label and observe all precautions and limitations on the labels of all products used in tank mixtures, including application timing restrictions, soil restrictions, minimum re-cropping interval and rotational guidelines. In all cases, the more restrictive requirements apply. Tank mixtures with other products may result in increased potential for crop injury and/or weed antagonism. Labeled foliar insecticides such as Lorsban* 4E insecticide may be tank mixed with Glyphomax when application timing is appropriate for both products.

Height or growth stage limitations for tank mix partners:

Tank Mix Partner	Maximum Height Of Corn For Application
Degree Degree Xtra FullTime Harness Harness Xtra Harness Xtra 5.6L Keystone Keystone LA Topnotch	11 inches
Bicep II Magnum Bicep Lite II Magnum Bullet † Camix Lumax Micro-Tech †	5 inches
Hornet WDG	V6 stage
Stinger* herbicide 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 label for Glyphomax for general precautionary instructions for use in Roundup Ready Crops. Single in-crop applications of this product should not exceed 50 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

A single preharvest application of up to 1 quart per acre of this product may be made, **if no more than a total of 2 quarts per acre of this product have been previously applied as over-the-top or drop nozzle 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).

Precautions, Restrictions: Do not make a preharvest application of this product if more than a combined total of 2 quarts per acre of this product have been previously applied in over-the-top or drop nozzle applications. Allow a minimum of 7 days between a preharvest application and harvest or feeding of corn stover or grain.

Postharvest

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.

*Trademark of Dow AgroSciences LLC
Roundup Ready is a registered trademark of Monsanto Company

R-088-001
EPA-accepted: ___/___/___
Initial printing.

