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6/13/2011

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

C-13-11

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

Subject: Supplemental Label Amendment
EPA Reg. No.: 62719-556 / GF-1280 (For Alfalfa with Roundup Ready Gene and Alfalfa
with Roundup Ready Gene Grown for Seed)

Dear Mr. Fonseca:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable.

Submit one copy of the final printed label for the record before you release the product for shipment. A stamped copy of the label is enclosed for your records. The supplemental label must be incorporated 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 section 6(e). 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,

Kable Bo Davis
Product Manager 25
Herbicide Branch
Registration Division (7505P)

2016

Supplemental Labeling



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

GF-1280

[Alternate Brand Names: Duramax[®], Durango[®] DMA[®], RapidFire[™]]
EPA Reg. No. 62719-556

Weed Control in Alfalfa with Roundup Ready[®] Gene Grown for Seed
(Not for Use or Distribution Within the State of California)

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 this product before applying. Carefully follow all precautionary statements and applicable use directions.
- Use of this product 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

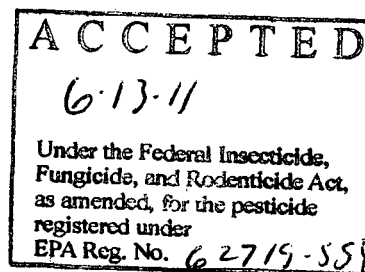
Read the General Information, Herbicide Resistance Management, Spray Drift Management, Mixing Directions, Application Equipment and Application Methods, and Roundup Ready Crops on the label attached to this product's container.

Types of Applications: Preplant, at-planting, preemergence, postemergence, postharvest of seed

See the Roundup Ready Crops section for general precautionary instructions for use in Roundup Ready Crops.

Maximum Allowable Application Rates

Application Type	Rate (quart/acre)
preplant preemergence at-planting	1.5
combined total all in-crop applications from emergence through late vegetative stage	4.25
combined total for all applications	6
spot treatment during early bud stage through seed harvest	apply spray to wet; do not apply to the point of runoff



Applying this product over the top of Roundup Ready alfalfa grown for seed controls many emerged weeds. Make in-crop applications from emergence through the late vegetative stage and spot treatments from early bud stage through seed harvest.

Precautions and Restrictions:

- Do not aerially apply more than a total of 1.5 quarts of this product per acre. For aerial application in California, refer to the supplemental label for aerial application directions in that state.

- There are no rotational crop restrictions following application of this product. For those crops not listed on this label, apply this product at least 30 days prior to planting.
- Do not use harvested Roundup Ready alfalfa seed for production of alfalfa sprouts.

Over the Top Application

Apply this product as a broadcast application in-crop using ground or aerial equipment to Roundup Ready alfalfa from emergence through the late vegetative stage. Up to 10 percent of the alfalfa seedlings are susceptible and will not survive or thrive after the first application of this product due to the biology and breeding constraints of alfalfa. Make a single application of at least 1.5 pints of this product per acre at or before the 3 to 4 trifoliate growth stage to eliminate the effects of stand gaps created by the loss of non-Roundup Ready plants.

Precautions and Restrictions:

- Do not apply more than 1.5 quarts of this product per acre in any single over the top broadcast application.
- Do not make broadcast applications of this product between the initiation of alfalfa budding and harvesting seed.
- Do not make sequential applications of this product less than 7 days apart.

Spot Treatment After Late Vegetative Stage

Apply this product as a spot treatment in Roundup Ready alfalfa grown for seed for late emerging weeds during the early bud stage through seed harvest. Reduced seed yield and quality may result if applications are made during this stage. The grower is responsible for this if it occurs. Do not spray to the point of runoff. Harvested seed must not be used for alfalfa sprout production if a spot treatment is made after the late vegetative stage.

Postharvest Application

The stand may be managed for forage and hay production following harvest of Roundup Ready alfalfa seed. See the Roundup Ready alfalfa section for rates and timing of application for forage and hay production.

Weeds Controlled

Refer to the rate tables in the Annual Weeds and Perennial Weeds sections for specific application rates and directions to control various annual and perennial weeds. Some weeds with multiple germination times or suppressed (stunted) weeds may require a second application of this product for complete control. Make the second application after some regrowth of weeds has occurred.

In addition to the weeds listed in this label, this product suppresses or controls the parasitic weed dodder (*Cuscuta* spp.) in Roundup Ready alfalfa seed production. Repeat applications may be necessary for complete control.

For best results, do not tank mix this product with other herbicides, insecticides or fungicides for over the top applications as crop injury may result.

This supplemental label expires on June 30, 2014 and must not be used or distributed after this date.

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Roundup Ready® is a registered trademark of Monsanto Company

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EPA accepted __/__/__
Initial printing.

Supplemental Labeling



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GF-1280

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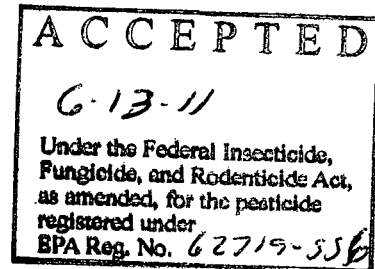
Directions for Use

Read the General Information, Herbicide Resistance Management, Spray Drift Management, Mixing Directions, Application Equipment and Application Methods, and Roundup Ready Crops on the label attached to this product's container.

Types of Application: Preplant, at-planting, preemergence, postemergence (in-crop)

Maximum Allowable Application Rates

Application Type	Rate (per acre)
preplant at-planting	1.5 pt
preemergence single application	
combined total per year for in-crop applications on newly established and established stands	4.6 qt
combined total per year for all applications including preplant during year of establishment	6 qt



Preplant, Preemergence, At-Planting

Apply this product before, during, or after planting Roundup Ready alfalfa.

Postemergence (In-Crop)

This product may be applied over the top of Roundup Ready alfalfa (in-crop) from emergence until five days prior to cutting. Apply this product after weeds have emerged, but before alfalfa growth or regrowth interferes with spray coverage of target weeds in order to maximize crop yield and quality potential of the forage and hay.

See the sections Annual Weeds and Perennial Weeds on this label for specific weed application rates. Applying this product as directed controls annual and perennial grasses and broadleaf weeds. In addition

to the weeds listed in those sections, the product will suppress or control dodder (*Cuscuta* spp.), a parasitic weed in Roundup Ready alfalfa. Repeat applications may be necessary for complete control.

New Stand Establishment (Seeding Year): Up to 10 percent of the seedlings may not contain a Roundup Ready gene due to the biology and breeding constraints of alfalfa. These seedlings will not survive after the first application of this product. Apply a single application of 1.5 pints per acre at or before the 4-trifoliolate growth stage to eliminate the undesirable effects of stand gaps created by this loss of plants. The following table contains application rates during stand establishment (seeding year):

Application Type	Rate (pints/acre)
Prior to First Cutting	
from emergence up to 4-trifoliolate leaves	1.5 - 3
from 5-trifoliolate leaves up to 5 days before first cutting	up to 3
After First Cutting	
in-crop application, per cutting, up to 5 days before cutting	up to 3

Tank Mixes: Up to 3 pints of this product per acre may be applied postemergence (in-crop) over the top of Roundup Ready alfalfa in the seeding year in a tank mix with the products listed in the following table. Apply after weeds have emerged but before the alfalfa growth or regrowth interferes with spray coverage of the target weeds. Ensure that the product being used is labeled for application to alfalfa. Read and follow the directions for all products used in the tank mix.

Assure II	Pursuit ¹
Poast	Raptor ¹
Prism	SelectMAX

¹Applying Pursuit or Raptor to seedling alfalfa may result in a temporary reduction of growth. Do not include crop oil concentrate or methylated seed oil in a tank mix of this product with Pursuit or Raptor as unsatisfactory crop injury may result.

Established Stands (Non-Seeding Year): Apply up to 3 pints per acre for an in-crop application, per cutting, up to five days before cutting.

Tank Mixes: Up to 3 pints of this product per acre may be applied postemergence (in-crop) over the established stands of Roundup Ready alfalfa in a tank mix with the products listed in the following table. Apply to control emerged grasses and broadleaf weeds when alfalfa is actively growing. Ensure that the product being used is labeled for application to alfalfa. Read and follow the directions for all products used in the tank mix.

Assure II	Pursuit ¹
Poast	Raptor ¹
Prism	SelectMAX

¹Do not include crop oil concentrate or methylated seed oil in a tank mix of this product with Pursuit or Raptor as unsatisfactory crop injury may result.

Precautions and Restrictions:

- In-crop (over the top) application of this product will eliminate the non-Roundup Ready (non-glyphosate tolerant) species where Roundup Ready alfalfa is grown with a companion or cover crop, or is overseeded with a second species.
- Do not apply more than 1.5 pints per acre in any single in-crop application of this product.
- Apply sequential applications of this product at least 7 days apart.
- Do not apply more than a total of 4.6 quarts per acre for the combined total per year for all in-crop applications in both newly established (seeding year) and established stands (non-seeding year).
- Remove domestic livestock before applying this product.
- Wait at least 5 days after the last application before grazing, or cutting and feeding of forage and hay.

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Dormant Alfalfa: Up to 3 pints of this product per acre may be applied to control emerged annual grasses and broadleaf weeds when alfalfa is dormant in a tank mix with the products listed in the following table. Ensure that the product being used is labeled for application to alfalfa. Read and follow the directions for all products used in the tank mix. Apply when the daily temperature remains above freezing.

Kerb 50-W	Raptor ¹
Lexone	Sencor
Pursuit ¹	

¹Do not include crop oil concentrate or methylated seed oil in a tank mix of this product with Pursuit or Raptor as unsatisfactory crop injury may result.

Precautions and Restrictions:

- Do not apply to frozen or snow covered ground.
- Crop injury or reduced weed control may result from using tank mixes of this product with herbicides, insecticides, or fungicides.

This supplemental label expires on June 30, 2014 and must not be used or distributed after this date.

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