

71368-81

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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

JUN - 1 2010

Mr. Matthew Granahan  
Nufarm Americas, Inc.  
150 Harvester Drive, Suite 200  
Burr Ridge, IL 60527

Subject: Credit Xtreme Herbicide  
EPA Registration Number 71368-81  
Applications dated May 13, 2010  
Roundup Ready Cotton and Roundup Ready Flex Cotton Supplemental Labels  
Decision Numbers 433618 and 433617

Dear Mr. Granahan:

The supplemental labeling referred to above and submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, are acceptable. However, at your next main label submission, revise the heading (and all references to the heading) "GENERAL INFORMATION" to "USE INFORMATION" or "PRODUCT INFORMATION."

At your next label printing, or within eighteen months of the date of this letter, whichever comes first, you must incorporate these supplemental labels into the main product labeling. Stamped copies of the labels are enclosed for your records. Please submit one copy of each final printed label 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 black ink, appearing to read "James A. Tompkins".

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JUN -1 2010

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

71368-81

# SUPPLEMENTAL LABEL



# Credit<sup>®</sup> Xtreme Herbicide

EPA Reg. No. 71368-81  
05-13-2010

**LABEL REVISIONS:** Use Instructions for Roundup Ready Flex Cotton  
In the Following States:

Alabama, Arkansas, Florida, Georgia, Louisiana, Missouri, Mississippi, North Carolina,  
Oklahoma, South Carolina, Tennessee, Texas, Virginia

READ AND FOLLOW THE ENTIRE LABEL BOOKLET FOR THIS PRODUCT BEFORE  
PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.  
"Label" as used in this supplemental labeling refers to the label booklet for this product and this supplemental.

### 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.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

ALL APPLICABLE DIRECTIONS, RESTRICTIONS AND PRECAUTIONS IN THE PRODUCT LABEL BOOKLET MUST BE FOLLOWED, INCLUDING STATEMENTS PERTAINING TO THE WORKER PROTECTION STANDARDS, ON THE EPA REGISTERED LABEL.

### ROUNDUP READY<sup>®</sup> FLEX COTTON

In the Following States:

Alabama, Arkansas, Florida, Georgia, Louisiana, Missouri, Mississippi, North Carolina,  
Oklahoma, South Carolina, Tennessee, Texas, Virginia

See Label Booklet for Arizona Only Roundup Ready<sup>®</sup> Flex Cotton Use Instructions

The instructions provided in this section are specific to, and should only be used with, varieties designated as Roundup Ready Flex cotton. Applications described in this section over the top of cotton other than Roundup Ready cotton will cause crop injury and reduced yields. DO NOT combine the instructions in this section with those in the "ROUNDUP READY COTTON" section of this label, or any other Roundup Ready cotton or Roundup Ready Flex Cotton instructions on labeling for this or other glyphosate-containing products. Drift of this product from applications made to Roundup Ready Flex cotton onto adjacent fields of post 4-leaf (node) Roundup Ready cotton may cause extensive crop injury, including boll loss, delayed maturity and/or yield loss.

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

USE INSTRUCTIONS: Refer to the following table for maximum application rates of this product with Roundup Ready Flex cotton.

Maximum Application Rates	
Combined total per year for all applications	5.3 quarts per acre
Total of all Preplant, At-Planting, Preemergence applications	3.3 quarts per acre
Total of all In-crop applications from cracking to 60 percent open bolls	4.0 quarts per acre
Total of all In-crop applications between layby and 60 percent open bolls	44 fluid ounces per acre
Maximum allowed from 60 percent open bolls to 7 days prior to harvest	44 fluid ounces per acre

**PRECAUTIONS, RESTRICTIONS:** See **ROUNDUP READY CROPS** section of label booklet for precautionary instructions for use in Roundup Ready crops. The combined total application of this product from cotton emergence through harvest must not exceed 4 quarts per acre. The maximum combined total quantity of this product for all applications in a season is 5.3 quarts per acre. Refer to the **GENERAL INFORMATION (How This Product Works)** section of the label booklet for more information on Maximum Application Rates.

**Preplant, At-Planting, Preemergence**

**USE INSTRUCTIONS:** This product may be applied before, during or after planting Roundup Ready Flex cotton.

**TANK MIXTURES:** This product may be tank-mixed with 2,4-D or Clarity and only applied prior to planting. This product may be tank-mixed with the following products and applied prior to crop emergence. Ensure that the specific product being used in the tank mixture is registered for application prior to emergence of cotton. Read and follow label directions of all products in the tank mixture.

Caparol, Direx, Dual MAGNUM, pendimethalin, Reflex, Staple, metolachlor

**PRECAUTIONS, RESTRICTIONS:** The maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 3.3 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.

**Postemergence (In-crop)**

**USE INSTRUCTIONS:** This product may be applied to control annual grasses and broadleaf weeds listed on this label in Roundup Ready Flex cotton. To maximize yield potential, spray cotton early to eliminate competing weeds. Many perennial weeds will be controlled or suppressed with one or more applications of this product. In general, an initial application of 22 fluid ounces per acre on 1 to 3 inch tall annual grass and broadleaf weeds is recommended. This product may be applied postemergence to Roundup Ready Flex cotton by ground application equipment at rates up to 32 fluid ounces per acre per application. In addition to broadcast applications, post-directed spray equipment may be used to achieve more through weed coverage.

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

Assure II, Dual MAGNUM, Fusilade, Poast Plus, Select MAX, Staple, metolachlor  
 Post-directed to cotton: Aim, Caparol, Chateau, Direx, Envoke, Layby-Pro, pendimethalin, Staple, Valor

Staple may cause leaf yellowing and/or leaf crinkling when applied postemergence (in-crop).

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Dual MAGNUM applied over the top of Roundup Ready Flex cotton may cause leaf injury in the form of necrotic spotting.

**PRECAUTIONS, RESTRICTIONS:** The maximum rate for any single in-crop application of this product is 32 fluid ounces per acre using ground application equipment. **In-crop application rates above 22 fluid ounces per acre made alone or with the addition of other crop chemical products containing surfactant may cause a crop response including leaf speckling or leaf necrosis. DO NOT** exceed a maximum rate of 22 fluid ounces of this product per acre when making applications by air. Between layby and 60 percent open bolls, the maximum combined total application rate of this product is 44 fluid ounces per acre. The maximum combined total of all applications of this product made from crop emergence to 60 percent open bolls must not exceed 4.0 quarts per acre. **DO NOT ADD ADDITIONAL SURFACTANT OR ADDITIVES CONTAINING SURFACTANT TO THIS PRODUCT FOR OVER-THE-TOP APPLICATIONS TO ROUNDUP READY FLEX COTTON.** 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 to Roundup Ready Flex cotton for annual and perennial weed control prior to crop harvest after 60 percent boll crack. Up to 44 fluid ounces of this product may be applied using either aerial or ground application equipment.

**NOTE:** This product will not enhance the performance of harvest aids when applied to Roundup Ready Flex cotton.

**PRECAUTIONS, RESTRICTIONS:** Allow a minimum of 7 days between application and harvest of Roundup Ready Flex cotton. **DO NOT** apply this product over the top of cotton grown for seed beyond first bloom, as a reduction in germination or vigor may occur.

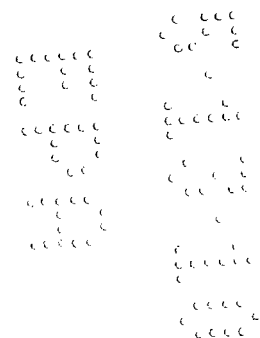
**ATTENTION: USE OF THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS IS EXPECTED TO RESULT IN NORMAL GROWTH OF ROUNDUP READY FLEX COTTON. HOWEVER, DUE TO SENSITIVITY OF COTTON FRUITING TO VARIOUS ENVIRONMENTAL CONDITIONS, AGRONOMIC PRACTICES AND OTHER FACTORS, IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS ASSOCIATED WITH THIS PRODUCT, EVEN WHEN APPLICATIONS ARE MADE IN CONFORMANCE WITH THE LABEL SPECIFICATIONS. IN SOME CASES, THESE FACTORS CAN RESULT IN BOLL LOSS, DELAYED MATURITY AND/OR YIELD LOSS.**

**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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All other trademarks are the property of their respective owners



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ACCEPTED  
with COMMENTS  
in EPA Letter Dated

JUN - 1 2010

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

71368-81

# SUPPLEMENTAL LABEL



# Credit<sup>®</sup> Xtreme Herbicide

EPA Reg. No. 71368-81  
05-13-2010

### LABEL REVISIONS: Use Instructions for Roundup Ready Cotton In the Following States:

Alabama, Arkansas, Florida, Georgia, Louisiana, Missouri, Mississippi, North Carolina,  
Oklahoma, South Carolina, Tennessee, Texas, Virginia

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PROCEEDING WITH THE USE DIRECTIONS CONTAINED IN THIS SUPPLEMENTAL LABELING.  
"Label" as used in this supplemental labeling refers to the label booklet for this product and this supplemental.

### DIRECTIONS FOR USE

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This label must be in the possession of the user at the time of application.

DO NOT apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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### ROUNDUP READY<sup>®</sup> COTTON

In the Following States:

Alabama, Arkansas, Florida, Georgia, Louisiana, Missouri, Mississippi, North Carolina,  
Oklahoma, South Carolina, Tennessee, Texas, Virginia

See Label Booklet for Arizona Only Roundup Ready<sup>®</sup> Cotton Use Instructions

TYPES OF APPLICATIONS: Preplant, At-Planting, Preemergence, Postemergence (In-crop), Selective Equipment (In-crop), Preharvest.

USE INSTRUCTIONS: Refer to the following table for maximum application rates of this product with Roundup Ready cotton.

Maximum Application Rates	
Combined total per year for all applications	5.3 quarts per acre
Total of all Preplant, At-Planting, Preemergence applications	3.3 quarts per acre
Total of all In-crop applications from ground cracking to layby	2.5 quarts per acre
Maximum preharvest application rate	44 fluid ounces per acre
Combined total of all In-crop applications from emergence through harvest	4.0 quarts per acre

**PRECAUTIONS, RESTRICTIONS:** See **ROUNDUP READY CROPS** section of the label booklet for precautionary instructions for use of this product in Roundup Ready crops. The combined total application of this product from cotton emergence through harvest must not exceed 4 quarts per acre. Allow a minimum of 7 days between application and harvest. Refer to **GENERAL INFORMATION (How This Product Works)** section of the label booklet for more information on Maximum Application Rates.

**Preplant, At-Planting, Preemergence**

**USE INSTRUCTIONS:** This product may be applied before, during or after planting Roundup Ready cotton.

**TANK MIXTURES:** This product may be tank-mixed with 2,4-D and Clarity and **ONLY** applied prior to planting. This product may be tank-mixed with the following products and applied prior to crop emergence. Ensure that the specific product being used in the tank mixture is registered for application prior to emergence of cotton. Read and follow label directions of all products in the tank mixture.

Caparol, Direx, Dual MAGNUM, pendimethalin, Reflex, Staple, metolachlor

**PRECAUTIONS, RESTRICTIONS:** The maximum quantity of this product that may be applied for all preplant, at-planting and preemergence applications combined is 3.3 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.

**Postemergence (In-crop)**

**USE INSTRUCTIONS:** This product may be applied over the top of Round Up Ready cotton (in-crop) at rates up to 22 fluid ounces per acre per application from ground cracking until 4-leaf (node) stage of development (until the fifth true leaf reaches the size of a quarter). **NO MORE THAN TWO OVER-THE-TOP BROADCAST APPLICATIONS MAY BE MADE FROM CROP EMERGENCE THROUGH THE 4-LEAF (NODE) STAGE OF DEVELOPMENT. SEQUENTIAL OVER-THE-TOP OR POST-DIRECTED APPLICATIONS OF THIS PRODUCT IN-CROP MUST BE AT LEAST 10 DAYS APART AND COTTON MUST HAVE AT LEAST TWO NODES OF INCREMENTAL GROWTH BETWEEN APPLICATIONS. Over-the-top applications made after 4-leaf (node) stage of development may result in boll loss, delayed maturity and/or yield loss.**

**TANK MIXTURES:** This product may be tank-mixed with the following products and applied over the top of Roundup Ready cotton up to the 4-leaf stage. Ensure that the specific product being used in the tank mixture is registered for application postemergence (in-crop) to cotton. Read and follow label directions of all products in the tank mixture.

Assure II, Dual MAGNUM, Fusilade, Poast Plus, Select MAX, Staple, metolachlor

Staple may cause leaf yellowing and/or leaf crinkling when applied postemergence (in-crop).

Dual MAGNUM applied over the top of Roundup Ready cotton may cause leaf injury in the form of necrotic spotting.

**Salvage Treatment**

This treatment may be used after the 4-leaf stage of development and should only be used where weeds threaten to cause the loss of the crop. Apply 22 fluid ounces per acre either as an over-the-top application or as a post-directed treatment sprayed higher on the cotton plants and over the weeds. **NOTE: SALVAGE TREATMENTS WILL RESULT IN SIGNIFICANT BOLL LOSS, DELAYED MATURITY AND/OR YIELD LOSS. NO MORE THAN ONE SALVAGE TREATMENT SHOULD BE USED PER GROWING SEASON.**

**PRECAUTIONS, RESTRICTIONS:** Maximum quantity of this product that may be applied for all in-crop applications from ground-cracking to layby combined is 2.5 quarts per acre per season. **DO NOT ADD ADDITIONAL SURFACTANT OR ADDITIVES CONTAINING SURFACTANT TO THIS PRODUCT (OTHER THAN THOSE CONTAINED IN ANY TANK-MIX PRODUCT) FOR OVER-THE-TOP APPLICATIONS TO ROUNDUP READY COTTON.**

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.

**Selective Equipment (In-crop)**

**USE INSTRUCTIONS:** This product may be applied using precision post-directed or hooded sprayers at rates up to 22 fluid ounces per acre per application to Roundup Ready cotton through layby. At this stage, use post-directed equipment that directs the spray to the base of the cotton plants. Avoid contact of the herbicide spray with leaves of the cotton to the maximum extent possible. To minimize spray onto the leaves of the cotton plants, place nozzle in a low position directing a horizontal spray pattern under the cotton leaves to contact weeds in the row, and maintain low spray pressure (less than 30 psi). For best results, make applications while weeds are small (less than 3 inches in height). See the "APPLICATION EQUIPMENT AND TECHNIQUES" section of the label for additional use instructions.

**TANK MIXTURES:** This product may be tank-mixed with the following products for in-crop application using precision post-directed or hooded sprayers. Ensure that the specific product being used in the tank mixture is registered for application postemergence (in-crop) to cotton. Read and follow label directions of all products in the tank mixture.

Aim, Caparol, Chateau, Direx, Envoke, Layby-Pro, pendimethalin, Staple, Valor

Staple may cause leaf yellowing and/or leaf crinkling when applied postemergence (in-crop).

**PRECAUTIONS, RESTRICTIONS:** Maximum quantity of this product that may be applied for all in-crop applications from ground-cracking to layby combined is 2.5 quarts per acre per season. **NO MORE THAN TWO APPLICATIONS OF THIS PRODUCT MAY BE MADE FROM THE 5-LEAF STAGE THROUGH LAYBY. SEQUENTIAL OVER-THE-TOP OR POST-DIRECTED APPLICATIONS OF THIS PRODUCT IN-CROP MUST BE AT LEAST 10 DAYS APART AND COTTON MUST HAVE AT LEAST TWO NODES OF INCREMENTAL GROWTH BETWEEN APPLICATIONS.** 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 crop harvest after 20 percent boll crack. Apply up to 44 fluid ounces of this product per acre. **NOTE:** This product will not enhance the performance of harvest aids when applied to Roundup Ready cotton.

**PRECAUTIONS, RESTRICTIONS:** Allow a minimum of 7 days between application and harvest of cotton. **DO NOT** apply this product for preharvest weed control to cotton grown for seed, as a reduction in germination or vigor may occur.

**ATTENTION: USE OF THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS IS EXPECTED TO RESULT IN NORMAL GROWTH OF ROUNDUP READY COTTON. HOWEVER, DUE TO SENSITIVITY OF COTTON FRUITING TO VARIOUS ENVIRONMENTAL CONDITIONS, AGRONOMIC PRACTICES AND OTHER FACTORS, IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS ASSOCIATED WITH THIS PRODUCT, EVEN WHEN APPLICATIONS ARE MADE IN CONFORMANCE WITH THE LABEL SPECIFICATIONS. IN SOME CASES, THESE FACTORS CAN RESULT IN BOLL LOSS, DELAYED MATURITY AND/OR YIELD LOSS.**

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**NOTICE**

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