
SUPPLEMENTAL LABELING

Syngenta Crop Protection, Inc.
P. O. Box 18300
Greensboro, North Carolina 27419-8300
SCP 1182A-S7A 0210

GROUP	9	HERBICIDE
-------	----------	-----------

Touchdown HiTech®

Herbicide

Nonselective Foliar Systemic Herbicide for Weed Control

Active Ingredient:

*Glyphosate: N-(phosphonomethyl) glycine, in the form of the
monopotassium salt 52.3%

Other Ingredients: 47.7%

Total: 100.0%

*Contains 5 pounds per U.S. gallon of glyphosate acid equivalents.

KEEP OUT OF REACH OF CHILDREN.

CAUTION

EPA Reg. No. 100-1182

All applicable directions, restrictions and precautions on the EPA-registered label are to be followed. Before using Touchdown HiTech as permitted according to this supplemental label, read and follow all applicable directions, restrictions, and precautions on the EPA registered label on or attached to the pesticide product container. This Supplemental Labeling contains revised use instructions and or restrictions that may be different from those that appear on the container label. This Supplemental Labeling must be in the possession of the user at the time of pesticide application. It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

syngenta

DIRECTIONS FOR USE

COTTON, GLYPHOSATE-TOLERANT

For use on the following glyphosate tolerant cotton only: all Roundup Ready® Cotton including Roundup Ready Cotton, Roundup Ready Flex Cotton, and all Genuity™ brand cotton which contains Roundup Ready or Roundup Ready Flex.

Cotton, Roundup Ready Flex Cotton Only

Method of Application: Before, during, or after planting; postemergence; postdirected; hooded; and preharvest in cotton varieties which have been genetically modified to be tolerant to glyphosate based herbicides.

Follow directions listed in the **APPLICATION DIRECTIONS, SPRAY ADDITIVES, and APPLICATION EQUIPMENT AND TECHNIQUES** sections. Refer to **WEEDS CONTROLLED** section for application rates and timing.

Use Precautions and Restrictions for Roundup Ready Flex Cotton

- A nonionic surfactant (NIS) or wetting agent (approved for intended use) must be added at 0.25% v/v (1 quart NIS or wetting agent/100 gallons) of finished spray volume. Control of weeds may also be improved by adding dry ammonium sulfate at 1-2% by weight or 8.5-17 lbs./100 gals. of water.
- Maximum preplant/preemergence rate is 3.0 qt/A.
- Make postemergence over the top applications from ground cracking to 60% open bolls with a maximum of 30 fl oz/A for any single application by ground and 20 fl oz/A for any single application by air and a maximum of 3.6 qt/A per season.
- Apply a maximum of 40 fl oz/A per season between layby and 60% open bolls.
- Do not apply more than 20 fl oz/A by air; nor more than 40 fl oz/A by ground from 60% open bolls to 7 days preharvest.
- The maximum allowable combined total per year for all Touchdown HiTech applications is 4.8 qt/A.
- Sequential over the top applications of Touchdown HiTech must be at least 10 days apart and cotton must have at least two nodes of incremental growth between applications.
- Applications of Touchdown HiTech to cotton varieties which are not glyphosate tolerant will result in severe crop injury and reduced yields. Applications past the 4th leaf stage over the top may only be made to Roundup Ready Flex cotton.
- Drift control agents may be used.

Tank Mixtures (Preplant/Preemergence) for Roundup Ready Flex Cotton

For Control of Annual Weeds in a Residual Herbicide Tank Mix: Refer to the **ANNUAL WEEDS CONTROLLED** section, Tables 1 and 2, for application rates and timing. Apply Touchdown HiTech at 0.6 to 3.6 pt/A for the control of annual weeds that

are less than 6 inches tall and actively growing. When annual weeds are taller than 6 inches or under stress, use 1.25 to 4.8 pt/A of Touchdown HiTech.

For Control or Suppression of Perennial Weeds in a Residual Herbicide Tank Mix:

Refer to the **PERENNIAL WEEDS CONTROLLED** section, Table 3, for application rates and timing. Use rates at the higher end of the rate range when weed populations are dense or plants are under stress. Perennial weeds may require multiple applications for control.

Touchdown HiTech can be tank mixed with the following products:

Caparol®	Direx®	Staple®
Clarity®	Dual Magnum®	Solicam®
Command®	Dual II Magnum®	Valor®
Cotoran®	Karmex®	2-4,D
Cotton-Pro®	Meturon	
Cy-Pro	Prowl®	

Refer to individual product labels for precautionary statements, restrictions, rates, and a list of weeds controlled.

Tank Mixtures (Postemergence) for Roundup Ready Flex Cotton

Touchdown HiTech can be applied in a tank mix with Envoke®. Refer to the Envoke product label for precautionary statements, restrictions, rates, and a list of weeds controlled. A nonionic surfactant (NIS) or wetting agent (approved for intended use) must be added at 0.25% v/v (1 qt NIS or wetting agent/100 gallons) of finished spray volume.

Postdirected or Hooded Applications

Touchdown HiTech may be used through postdirected or hooded sprayers through the lay-by stage of cotton. This application type directs the spray to the target weed.

Apply in 10 to 20 gallons of water per acre and do not exceed 30 psi spray pressure. Refer to **WEEDS CONTROLLED** section for application rates and timing.

Application Requirements:

- Postdirected applications should be used that directs the spray onto the main portion of the target weed. For best results, apply to weeds less than 3-6 inches tall.
- Maximum allowable application speed is 5 mph.
- Maximum allowable wind speed at application is 10 mph.
- Use low drift nozzles.

Tank Mixtures (Postdirected or Hooded)

Touchdown HiTech can be applied in a tank mix with most cotton herbicides which are labeled for hooded, shielded, or postdirected applications. Refer to individual product labels for precautionary statements, restrictions, rates, and a list of weeds controlled.

Tank Mixtures with Dual Magnum

Touchdown HiTech tank mixtures with Dual Magnum can be applied postemergence over the top on cotton from 3 inches tall up to 100 days before harvest or 80 days before harvest for post directed applications. Do not use adjuvants or AMS. Do not use this mixture if cotton plants are under any type of stress including, but not limited to drought, insect, disease, or mechanicals. Occasionally following application, cotton leaves may exhibit necrotic spotting which will not affect normal plant development.

For use in the following states: AL, AR, AZ, CA, FL, GA, KS, KY, LA, MD, MO, MS, NC, NM, OK, SC, TN, TX, and VA.

Refer to the Dual Magnum label for rates, precautions and restrictions.

Preharvest

Apply Touchdown HiTech at 20 fl oz/A by air and no more than 40 fl oz/A by ground. No enhancement of harvest aids will occur on glyphosate tolerant cotton. Refer to the **WEEDS CONTROLLED** section for application rates and timing.

Caparol®, Dual Magnum®, Dual II Magnum®, Envoke®, Solicam®, Touchdown Total® trademarks of a Syngenta Group Company

Clarity® trademark of BASF Corporation

Command® trademark of FMC Corporation

Cotoran®, Cotton Pro® trademark of Makhteshim Agan of North America, Inc.

Direx®, Karmex®, Staple® trademarks of E. I. DuPont de Nemours & Co., Ltd.

Prowl® trademark of BASF Corporation

Roundup Ready® and Genuity™ trademarks of Monsanto Technology LLC

Valor® trademark of Valent Agricultural Products

©2010 Syngenta