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

NOV 06 2014

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Sydney Jarrett
Syngenta Biotechnology, Ind.
3054 E. Cornwallis Road
P.O. Box 12257
Research Triangle Park
North Carolina, 27709

Subject: Alternate Brand Names and label corrections
EPA Reg. No: 67979-25
Notification Completed, Dated November 5, 2014

Dear Ms. Jarrett:

The Biopesticides and Pollution Prevention Division has completed and accepted your revised labeling for Notification under PRN 98-10 dated above. A review of this request has been conducted for its applicability under PRN 98-10 and it has been determined that the action(s) requested falls within the scope of PRN 98-10. The label submitted with this application has been stamped "Notification accepted" and will be placed in our records.

Questions concerning this action should be directed to Kenneth Haymes, Ph.D. at 703 347-0398 or email at haymes.kenneth@epa.gov.

Sincerely,

Alan Reynolds, Team Leader
Microbial Pesticides Branch
Biopesticides and Pollution Prevention Division

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Plant-Incorporated Protectant Label

Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn

Alternate brand names: *Agrisure Duracade™ 5122 E-Z Refuge™ Corn*
Agrisure Duracade™ 5122A E-Z Refuge™ Corn
Agrisure Duracade™ 5122 Refuge Advanced

NOV 06 2014

OECD Unique Identifier: SYN-BTØ11-1×SYN-IR6Ø4-5×DAS-Ø15Ø7-1×SYN-Ø53Ø7-1

This product is effective in limiting corn leaf, stalk, ear, and root feeding damage caused by lepidopteran and corn rootworm pests.

Active Ingredients:

Bacillus thuringiensis Cry1Ab protein and the genetic material necessary for its production (via elements of vector pZO1502) in Bt11 corn (SYN-BTØ11-1) ..... ≤0.00460%*

Bacillus thuringiensis mCry3A protein and the genetic material necessary for its production (via elements of vector pZM26) in MIR604 corn (SYN-IR6Ø4-5) ..... ≤0.00041%*

Bacillus thuringiensis Cry1F protein and the genetic material necessary for its production (via elements of vector PHI8999) in TC1507 corn (DAS-Ø15Ø7-1) ..... ≤0.00103%*

Bacillus thuringiensis eCry3.1Ab protein and the genetic material necessary for its production (via elements of vector pSYN12274) in 5307 corn (SYN-Ø53Ø7-1) ..... ≤0.00335%*

Other Ingredients:

Phosphinothricin acetyltransferase protein and the genetic material necessary for its production (via elements of vector pZO1502) in Bt11corn (SYN-BTØ11-1) and (via elements of vector PHI8999) in TC1507 corn (DAS-Ø15Ø7-1) ..... ≤0.00022%*

Phosphomannose isomerase protein and the genetic material necessary for its production (via elements of vector pZM26) in MIR604 corn (SYN-IR6Ø4-5) and (via elements of vector pSYN12274) in 5307 corn (SYN-Ø53Ø7-1) ..... ≤0.00132%*

*Percent (wt/wt) of dried whole plant

KEEP OUT OF REACH OF CHILDREN

CAUTION

NET CONTENTS _____

Notification Accepted

Date: 11/06/14

Reviewer: Haymes

EPA Registration No. 67979-__
EPA Establishment No. 66736-NC-01

Syngenta Seeds, Inc. – Field Crops – NAFTA
P.O. Box 12257
3054 E. Cornwallis Road
Research Triangle Park, NC 27709

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DIRECTIONS FOR USE

It is a violation of Federal law to use this product in any manner inconsistent with its labeling.

This plant-incorporated protectant (PIP) may be combined through conventional breeding with other registered PIPs that are similarly approved for use in combination to produce inbred corn lines and hybrid corn varieties with combined pesticidal traits.

Seed bags and/or bag tags for corn hybrids that contain plant-incorporated protectants produced in Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn must display the registration number and active ingredients, and stipulate that growers read the Syngenta Stewardship Guide (or equivalent guidance) prior to planting these hybrids. The refuge size requirement must be displayed on the bag or bag tag in both text and graphic format.

Insects Controlled or Suppressed

European corn borer (*Ostrinia nubilalis*)
Southwestern corn borer (*Diatraea grandiosella*)
Southern cornstalk borer (*Diatraea crambidoides*)
Corn earworm (*Helicoverpa zea*)
Fall armyworm (*Spodoptera frugiperda*)
Black cutworm (*Agrotis ipsilon*)
Western bean cutworm (*Striacosta albicosta*)
Sugarcane borer (*Diatraea saccharalis*)
Lesser cornstalk borer (*Elasmopalpus lignosellus*)
Common stalk borer (*Papaipema nebris*)
Western corn rootworm (*Diabrotica virgifera virgifera*)
Northern corn rootworm (*Diabrotica barberi*)
Mexican corn rootworm (*Diabrotica virgifera zea*)

Insect Resistance Management

Each bag of Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn contains a blend of 95% Bt11×MIR604×TC1507×5307 seed and 5% non-Bt refuge seed.

IRM Requirements for Corn-Growing Areas of the U.S.

Refuge seed is blended into each bag of Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn. There is no requirement for growers to plant a separate structured refuge for managing resistance risk in corn-growing areas of the U.S. Corn-growing areas are those counties and states not defined below as comprising the cotton-growing areas of the U.S. Read the Syngenta Stewardship Guide.

IRM Requirements for Cotton-Growing Areas of the U.S.

In cotton-growing areas growers who plant Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn must plant a supplemental 20% structured refuge. The following table lists those states and counties identified by the Environmental Protection Agency (EPA) as cotton-growing areas.

State	Counties Identified by EPA as Cotton-Growing Areas			
Alabama	All Counties			
Arkansas	All Counties			
Florida	All Counties			
Georgia	All Counties			
Louisiana	All Counties			
Mississippi	All Counties			
Missouri	Dunklin	New Madrid	Pemiscot	Scott
	Stoddard			
North Carolina	All Counties			
Oklahoma	Beckham	Caddo	Comanche	Custer
	Greer	Harmon	Jackson	Kay
	Kiowa	Tillman	Washita	
South Carolina	All Counties			
Tennessee	Carroll	Chester	Crockett	Dyer
	Fayette	Franklin	Gibson	Hardeman
	Hardin	Haywood	Lake	Lauderdale
	Lincoln	Madison	Obion	Rutherford
	Shelby	Tipton		
Texas	All counties with the exception of the following:			
	Carson	Dallam	Hansford	Hartley
	Hutchinson	Lipscomb	Moore	Ochiltree
	Roberts	Sherman		
Virginia	Dinwiddie	Franklin City	Greensville	Isle of Wight
	Northampton	Southampton	Suffolk City	Surrey
	Sussex			

The 20% supplemental refuge must be planted with hybrids that do not contain Bt technologies. The supplemental refuge can be planted as strips within the field, perimeter strips, a block within the field, a block adjacent to the field, or a separate block within ½ mile of the Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn field. If in-field or perimeter strips are planted, the strips must be at least four consecutive rows wide.

The supplemental refuge in cotton-growing areas can be protected from feeding damage by application of non-Bt microbial insecticides if the population of one or more lepidopteran pests exceeds economic thresholds. Economic thresholds will be determined using methods recommended by local or regional professionals (e.g., Extension Service agents or crop consultants). In addition, the supplemental refuge can be protected from corn rootworm feeding damage by use of an appropriate seed treatment or conventional insecticide. However, insecticides labeled for adult corn rootworm control must be avoided in the supplemental refuge during the period of corn rootworm adult emergence.

The following text and graphic indicating the supplemental refuge size requirement will appear on Bt11×MIR604×TC1507×5307 5% Refuge Seed Blend Corn bags or bag tags.

Important grower information.
Supplemental refuge planting requirement.

For more information, please refer to Syngenta Stewardship Guide.