



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

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

June 15, 2022

Andrea Burns  
Syngenta Crop Protection, LLC  
9 Davis Drive  
Research Triangle Park  
North Carolina 27709 USA

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – addition of beet armyworm (*Spodoptera exigua*) as a pest, removal of the registration expiration date, and correction of typographical errors  
Product Name: Bt11 Insect-Resistant Corn  
EPA Registration Number: 67979-1  
EPA Receipt Date: May 12, 2022  
OPP Case Number: 00361833

Dear Ms. Burns:

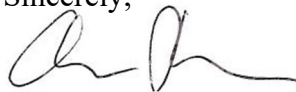
The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. You must submit one (1) copy of the final printed labeling with the modifications.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains statements or claims substantially differing from statements or claims made in connection with obtaining a FIFRA section 3 registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

If you have any questions, please contact Michael Glikes by phone at (202) 566-1461 or via email at [glikes.michael@epa.gov](mailto:glikes.michael@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Alan Reynolds', with a stylized flourish at the end.

Alan Reynolds, Team Leader  
Emerging Technologies Branch  
Biopesticides and Pollution  
Prevention Division (7511M)  
Office of Pesticide Programs

Enclosure

# NOTIFICATION

67979-1

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

06/15/2022

## Plant-incorporated Protectant Label

### **Bt11 Insect-Resistant Corn**

#### **Alternate Brand Names:**

**Agrisure® CB/LL**

**Agrisure® GT/CB/LL**

**Bt11 Field Corn**

**Agrisure® 3010**

**Agrisure Artesian® 3010A**

OECD Unique Identifier: SYN-BTØ11-1

This product is effective in limiting corn leaf, stalk, and ear damage caused by corn borers and certain other lepidopteran pests.

#### **Active Ingredient:**

*Bacillus thuringiensis* Cry1Ab protein and the genetic material necessary for its production (via elements of vector pZO1502) in Bt11 corn (SYN-BTØ11-1) .....≤0.0028%\*

#### **Inert Ingredient:**

Phosphinothricin acetyltransferase protein and the genetic material necessary for its production (via elements of vector pZO1502) in Bt11 corn (SYN-BTØ11-1).....≤ 0.00002%\*

\*Percentage on a dry weight basis from the highest concentration measured in individual plant tissues.

### **Keep Out of the Reach of Children**

#### **CAUTION**

NET CONTENTS: \_\_\_\_

EPA Reg. No. 67979-1  
EPA Est. No. 67979-IA-002

Syngenta Seeds, LLC. – Field Crops - NAFTA  
9 Davis Drive  
Research Triangle Park, NC 27709

Agrisure® ,™ is a trademarks of a Syngenta Group company

### **Directions for Use**

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

~~The subject registration will automatically expire September 30, 2020.~~

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

All commercial ~~seed~~ corn seed that contains Bt11 Insect-Resistant Corn that is sold by Syngenta Seeds or its distributors must be accompanied by informational material (e.g. bag tag) indicating the EPA registration number and the active ingredients, and stipulating that growers read the product Insect Resistance Management (IRM) Stewardship Guide (or equivalent guidance) prior to planting the seed. The refuge size and requirement must be displayed on the seed bag or bag tag in both text and graphic format as shown below.

**Important grower information.  
This hybrid requires you to plant:**



**For more information please refer  
to the Syngenta Stewardship Guide.**

### **Insects Controlled or Suppressed**

Corn has been genetically modified to produce a *Bacillus thuringiensis* Cry1Ab delta-endotoxin protein for control or suppression of:

Southern cornstalk borer	<i>(Diatraea crambidoides)</i>
Southwestern corn borer	<i>(Diatraea grandiosella)</i>
Sugarcane borer	<i>(Diatraea saccharalis)</i>
Lesser cornstalk borer	<i>(Elasmopalpus lignosellus)</i>
Corn earworm	<i>(Helicoverpa zea)</i>
European corn borer	<i>(Ostrinia nubilalis)</i>
Common stalk borer	<i>(Papaipema nebris)</i>
Fall armyworm	<i>(Spodoptera frugiperda)</i>
<b>Beet armyworm</b>	<b><i>(Spodoptera exigua)</i></b>

### **Insect Resistance Management**

An IRM Stewardship Guide (or equivalent guidance) must be distributed to all customers using seed containing the plant incorporated-protectant. The IRM Stewardship Guide will include instructions and recommendations regarding product use, insect resistance management, and integrated pest management. The following information regarding refuge requirements for commercial production must be included in the IRM Stewardship Guide for the corn belt and cotton-growing areas.

These IRM requirements do not apply to breeding, research, propagation of inbred seed, or production of hybrid seed corn on up to a total of 20,000 acres per county and up to a combined U.S. total of 250,000 acres per plant-incorporated protectant active ingredient per registrant per year.

### **Corn Belt (Non cotton-Growing Areas)**

For Bt11 Insect-Resistant Corn grown in the Corn Belt (non cotton-growing areas), growers must adhere to the following refuge requirements:

- Growers must plant a refuge of at least 20% non-Bt corn and/or non-lepidopteran-resistant Bt corn.
- The refuge can be planted as a block, strips within the field, perimeter around the field, adjacent or a separate block planted within ½ mile.
- A neighbor's field does not meet the refuge requirements.
- Strips, blocks, or perimeter refuges must be a minimum of 4 contiguous rows wide.
- Non-Bt foliar insecticide treatments ~~for corn borer control~~ may be applied only if economic thresholds are reached for one or more pests. Economic thresholds will be determined using methods recommended by local or regional professionals (e.g. Extension service agents, crop consultants).
- The refuge should be planted with a hybrid that is agronomically similar to and managed similarly to the Bt11 Insect-Resistant Corn.

### **Cotton-Growing Areas**

For Bt field corn grown in cotton-growing areas (defined below) growers must adhere to the following refuge requirements.

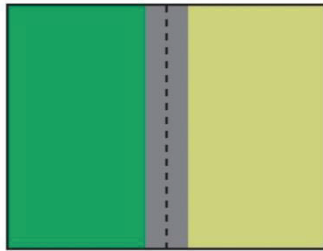
- Growers must plant a refuge of at least 50% non-Bt corn and/or non-lepidopteran-resistant Bt corn.
- The refuge can be planted as a block, strips within the field, perimeter around the field, adjacent or a separate block planted within ½ mile.
- A neighbor's field does not meet the refuge requirements.
- Strips, blocks, or perimeter refuges must be a minimum of 4 contiguous rows wide.
- Non-Bt foliar insecticide treatments ~~for corn borer control~~ may be applied only if economic thresholds are reached for one or more pests. Economic thresholds will be determined using methods recommended by local or regional professionals (e.g. Extension service agents, crop consultants).
- The refuge should be planted with a hybrid that is agronomically similar to and managed similarly to the Bt11 Insect-Resistant Corn.

The following table lists those states and counties identified by the Environmental Protection Agency (EPA) as cotton-growing areas.

<b>State</b>	<b>Counties Identified by EPA as Cotton-Growing Areas</b>				
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 Harmon Washita	Caddo Jackson	Comanche Kay	Custer Kiowa	Greer Tillman
South Carolina	All Counties				
Tennessee	Carroll Franklin Lake Rutherford	Chester Gibson Lauderdale Shelby	Crockett Hardeman Lincoln Tipton	Dyer Hardin Madison	Fayette Haywood Obion
Texas	All counties with the exception of the following:				
	Carson Lipscomb	Dallam Moore	Hansford Ochiltree	Hartley Roberts	Hutchinson Sherman
Virginia	Dinwiddie Southampton	Franklin City Suffolk City	Greensville Surrey	Isle of Wright Sussex	Northampton

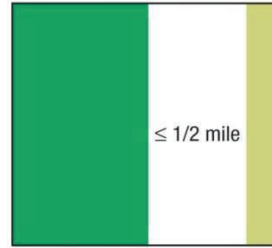
Schematics showing refuge deployment options:

**Adjacent**



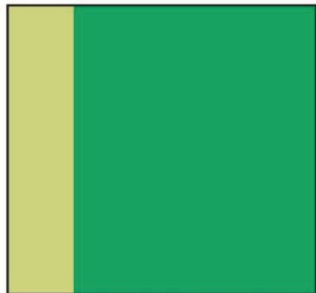
Can be separated by a road, path, ditch, etc., but not by another field.

**1/2 Mile Option**

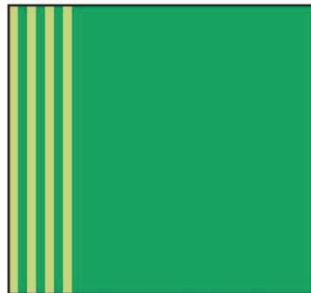


Corn Borer Refuge Option Only

**Within**



Block



Strips (Split Planter)



Perimeter