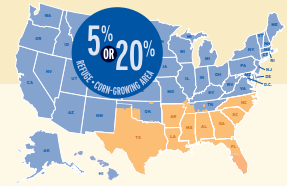


CORN REFUGE OVERVIEW* — CORN-GROWING AREA



Typical Corn Refuge Configuration Options

Corn Trait	Refuge	Typical Corn Refuge Configuration Options					Non-Adjacent
		Block	Perimeter	Strips	Adjacent	Within Adjacent	
Control for Above and Below Ground Pests		Block	Perimeter	Strips	Adjacent	Within Adjacent	
	5% in-the-bag**	No separate planted refuge is required.					—
	5%						Read the IRM Grower Guide for complete details.
	20%						Read the IRM Grower Guide. Monsanto does not recommend a separate refuge for this product.
	20%						Read the IRM Grower Guide for complete details.
Control for Above Ground Pests		Block	Perimeter	Strips	Adjacent	Within Adjacent	1/2 Mile Option
	5%						

All Refuge Configurations Require a Minimum of 4 Rows

COMMON REFUGE

A common refuge is a single field that serves as a refuge for both above ground pests (e.g., corn borer) and below ground pests (e.g., corn rootworm) at the same time.

SEPARATE REFUGE

A separate refuge is an option that requires two fields—one field which is adjacent to or within your *B.t.* field that serves as a refuge for below ground pests (e.g., corn rootworm) and a separate field (up to 1/2 mile away) that serves as a refuge for above ground pests (e.g., corn borer).



* Provided as a summary only. Growers must read the IRM Grower Guide prior to planting.

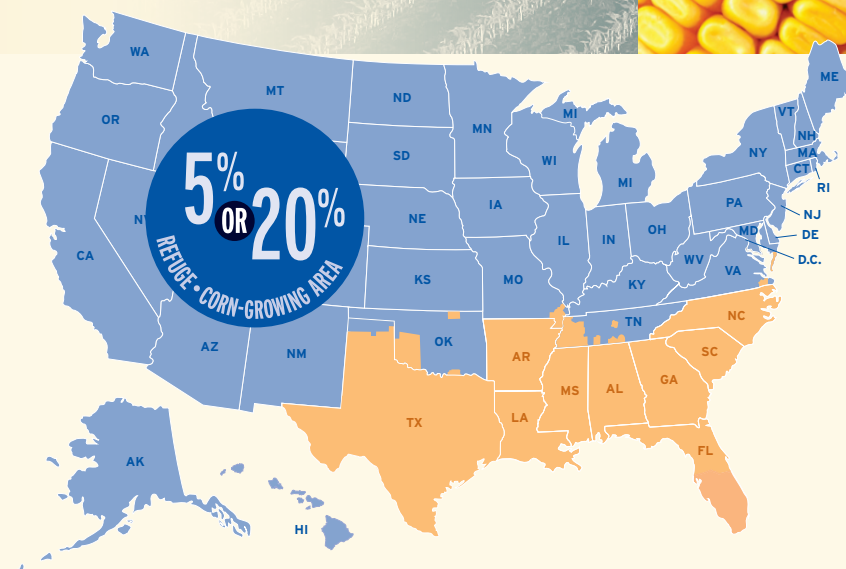
Several configuration options not shown.

** Genuity® SmartStax® RIB Complete™ does not require a separate, structured refuge in the Corn-Growing area.

CORN-GROWING AREA

The following states and counties have been determined to be the Corn-Growing Area:

Alaska	Maryland	New York	Tennessee—all counties except Carroll, Chester, Crockett, Dyer, Fayette, Franklin, Gibson, Hardeman, Hardin, Haywood, Lake, Lauderdale, Lincoln, Madison, Obion, Rutherford, Shelby, & Tipton	Utah
Arizona	Massachusetts	North Dakota		Vermont
California	Michigan	Ohio		Virginia—all counties except Dinwiddie, Franklin City, Greensville, Isle of Wight, Northampton, Southampton, Suffolk City, Surrey, & Sussex
Colorado	Minnesota	Oklahoma—all counties except Beckham, Caddo, Comanche, Custer, Greer, Harmon, Jackson, Kay, Kiowa, Tillman, & Washita		Washington
Connecticut	Missouri—all counties except Dunklin, New Madrid, Pemiscot, Scott, & Stoddard	Oregon	Texas—only the counties of Carson, Dallam, Hansford, Hartley, Hutchinson, Lipscomb, Moore, Ochiltree, Roberts, & Sherman	West Virginia
Delaware	Montana	Pennsylvania		Wisconsin
Hawaii	Nebraska	Rhode Island		Wyoming
Idaho	Nevada	South Dakota		
Illinois	New Hampshire			
Indiana	New Jersey			
Iowa	New Mexico			
Kansas				
Kentucky				
Maine				



REFUGE PLANTING

Refuge must be planted with corn hybrids that do not contain *B.t.* technologies. The refuge can be planted with Roundup Ready® Corn 2 or conventional corn. Popcorn can be used as a refuge option, but sweet corn and/or silage corn cannot. A refuge planted for one *B.t.* technology cannot also function as the refuge for another *B.t.* technology. In each field, plant your refuge first before planting any insect-protected corn. Grower mixing of non-*B.t.* seed with *B.t.* technologies is not permitted.

REFUGE LOCATION

The refuge can be within or adjacent to the *B.t.* field. If adjacent, it can typically be separated by a road, path, ditch, etc., but not by another field. For Genuity® VT Double PRO™, YieldGard® Corn Borer, and Genuity® SmartStax® (in limited areas) the refuge can be separated by another field IF located within 1/2 mile from the *B.t.* field.*

* For YieldGard VT Triple®, a separate refuge option is available. Consult the IRM Grower Guide for complete information.


REFUGE SIZE

- 5%** The refuge area must represent at least 5% of the grower's corn acres (i.e., 5 acres of non-*B.t.* corn for every 95 acres of *B.t.* corn planted).
- 20%** The refuge area must represent at least 20% of the grower's corn acres (i.e., 20 acres of non-*B.t.* corn for every 80 acres of *B.t.* corn planted).

If perimeter strips or in-field strips are implemented, the strips must be at least four consecutive rows of corn wide. Growers should calculate the acres required for refuge and plant the appropriate amount of refuge seed for the configuration option selected.

For example, if in the 5% refuge region and choosing to plant in-field strips, calculate how much refuge seed is needed to meet the 5% minimum requirement and fill the refuge planter boxes with that amount. Plant the strips until the 5% minimum refuge seed is completed. Then fill the planter boxes with *B.t.* seed and continue planting the rest of the field.

Growers must read the IRM Grower Guide prior to planting for important information on planting and insect resistance management.



Before opening a bag of seed, be sure to read, understand and accept the stewardship requirements, **including applicable refuge requirements for insect resistance management**, for the biotechnology traits expressed in the seed as set forth in the Monsanto Technology/Stewardship Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with the most recent stewardship requirements.



Monsanto Company is a member of Excellence Through Stewardship® (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercial product(s) has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship® is a registered trademark of Biotechnology Industry Organization.

B.t. products may not yet be registered in all states. Check with your Monsanto representative for the registration status in your state.

IMPORTANT IRM INFORMATION: RIB Complete™ corn does not require the planting of a structured refuge **except** in the Cotton-Growing Area where corn earworm is a significant pest. **Genuity® SmartStax® RIB Complete™** corn is a blended seed corn product. See the IRM/Grower Guide for additional information. Always read and follow IRM requirements.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® brand agricultural herbicides. Roundup® brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Genuity and Design®, Genuity®, Monsanto and Vine Design®, RIB Complete and Design™, Roundup Ready 2 Technology and Design®, Roundup Ready®, Roundup®, SmartStax and Design®, SmartStax®, VT Double PRO™, VT Triple PRO™, and YieldGard VT Triple® are trademarks of Monsanto Technology LLC. Ignite® and LibertyLink® and the Water Droplet Design® are registered trademarks of Bayer. Herculex® is a registered trademark of Dow AgroSciences LLC. Respect the Refuge and Corn Design® and Respect the Refuge® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners.

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