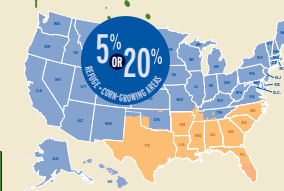


# CORN REFUGE OVERVIEW\* — CORN-GROWING AREAS



		Typical Corn Refuge Configuration Options					
Corn Trait	Refuge	Within			Adjacent		Non-Adjacent
Control for Above- and Below-Ground Pests		Block	Perimeter	Strips	Adjacent	Within Adjacent	
	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%						
	20%						

**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.

All Refuge Configurations Require a Minimum of 4 Rows

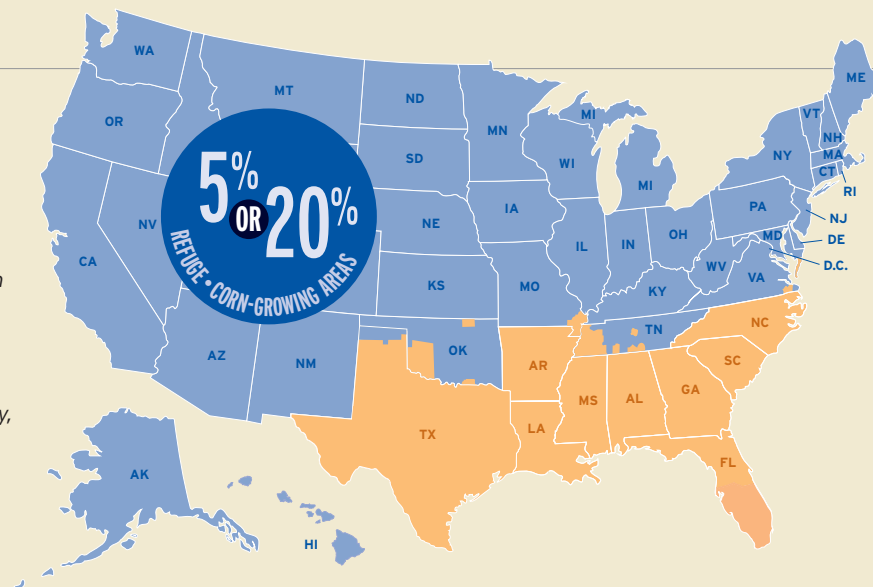
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# CORN-GROWING AREAS

The following states and counties have been determined to be corn-growing areas:

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		West Virginia
Delaware		Pennsylvania		Wisconsin
Hawaii		Rhode Island		Wyoming
Idaho		South Dakota		
Illinois	Montana			
Indiana	Nebraska			
Iowa	Nevada			
Kansas	New Hampshire			
Kentucky	New Jersey			
Maine	New Mexico			



## 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. 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 located within 1/2 mile from the *B.t.* field.\*

## REFUGE SIZE

If perimeter strips or in-field strips are implemented, the strips must be at least four consecutive rows of corn wide. Farmers 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.

\* For YieldGard VT Triple® and YieldGard Plus, a separate refuge option is available. Consult the Insect Resistance Management (IRM)/Grower Guide for complete information.

**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. Commodity crop products are approved for import into key export markets with functioning regulatory systems. Any crop or material produced from commodity crop products 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 commodity crop products. 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.

Genuity® VT Double PRO™ is not approved for sale or planting in Maine.

Genuity® SmartStax® is not approved for sale or planting in Maine, Puerto Rico (except for breeding, testing, propagation), and the U.S. Virgin Islands.

**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®, Genuity and Design®, Roundup®, Roundup Ready®, Roundup Ready 2 Technology and Design®, SmartStax®, VT Double PRO™, VT Triple PRO™, YieldGard®, YieldGard VT Triple®, and Monsanto and Vine Design® 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 Respect the Refuge and Corn Design® are registered trademarks of National Corn Growers Association. All other trademarks are the property of their respective owners. ©2010 Monsanto Company. [22455Bpgd] 5A-7K-10-4870