

# Description of Traits



YieldGard VT Triple®—YieldGard VT Triple corn technology combines YieldGard Corn Borer and YieldGard VT Rootworm/RR2 technology into a single plant. YieldGard VT Triple hybrids contain the active ingredients Cry1Ab protein and Cry3Bb1 protein from *Bacillus thuringiensis* (*B.t.*) that together provide season-long protection against European corn borer, southwestern corn borer and sugarcane borer as well as excellent protection against western corn rootworm, northern corn rootworm, and Mexican corn rootworm. These insect protection traits are approved by EPA under Registration Number 524-552 (MON 88017 X MON 810). This hybrid also contains Roundup Ready® 2 Technology that provides crop safety for over-the-top applications of labeled Roundup® agricultural herbicides when applied according to label directions.



YieldGard Plus—YieldGard Plus corn technology combines YieldGard Corn Borer and YieldGard Rootworm technology into a single plant. YieldGard Plus hybrids contain the active ingredients Cry1Ab protein and Cry3Bb1 protein from *Bacillus thuringiensis* (*B.t.*) that together provide season-long protection against European corn borer, southwestern corn borer and sugarcane borer as well as excellent protection against western corn rootworm, northern corn rootworm, and Mexican corn rootworm. YieldGard Plus corn hybrids also provide intermediate protection\* against corn earworm, fall armyworm, and stalk borer. By providing in-plant protection against the above insect pests, the genetic yield potential of YieldGard Plus corn hybrids is preserved. These insect protection traits are approved by EPA under Registration Number 524-545 (MON 863 X MON 810). This hybrid also contains the Roundup Ready Corn 2 trait (NK603) that provides crop safety for over-the-top applications of labeled Roundup® agricultural herbicides when applied according to label directions.



This hybrid contains the Roundup Ready Corn 2 trait (NK603) that provides crop safety for over-the-top applications of labeled Roundup® agricultural herbicides when applied according to label directions. Roundup Ready Corn 2 and corn with Roundup Ready 2 Technology are equivalent in their tolerance to Roundup agricultural herbicides. Products with Roundup Ready 2 Technology contain in-plant tolerance to Roundup agricultural herbicides. Farmers are provided excellent crop safety and full yield protection, with applications made from planting through 48" of corn height. Drop nozzles must be used between 30" and 48" of corn height. Compared to popular conventional corn programs, the Roundup Ready Corn 2 costs less, while allowing hybrids to reach their maximum yield potential.



Roundup Ready Soybean varieties contain in-plant tolerance to Roundup agricultural herbicides, enabling farmers to spray labeled Roundup® agricultural herbicides over the top from emergence (cracking) through flowering (R2 stage soybeans) for unsurpassed weed control, proven crop safety and maximum yield potential. R2 stage soybeans end when a pod 5 millimeters (3/16") long at one of the four uppermost nodes appears on the main stem along with a fully developed leaf (R3 stage).



Herbicide products sold by Monsanto for use over the top of Roundup Ready Soybeans for the 2009 crop season are as follows:

- Roundup WeatherMAX
- Roundup PowerMAX



Certain products referred to above may not be labeled for this application in your specific state. Please contact the manufacturer of this product, the local retailer, or the local extension agent for confirmation that this is an approved application. For complete information about the use of Roundup agricultural herbicides over the top of products with Roundup Ready 2 Technology, refer to the appropriate product's label booklet or supplemental label.



Before opening a bag of seed, be sure to read and understand 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 Agreement that you sign. By opening and using a bag of seed, you are reaffirming your obligation to comply with those stewardship requirements.

**IMPORTANT:** The following information is current as of August 28 2008: YieldGard Plus and YieldGard Rootworm with Roundup Ready Corn 2 are grandfathered for import and use in processed feed in the E.U. YieldGard Plus with Roundup Ready Corn 2, YieldGard VT Rootworm/RR2 and YieldGard VT Triple are neither approved nor grandfathered and there is zero tolerance for these traits in processed feed imported in the E.U. Growers of all products bearing the Market Choices mark must talk to their grain handler to confirm the handler's buying position for grain from these products. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted.

**Market Choices** Grain harvested from products that bear this mark is fully approved for food and feed use in the United States and Japan, but is not approved in the European Union. You must find a market for this crop that will not ship this grain or its processed products to Europe. Appropriate markets for this grain include: domestic feed use or grain handlers that specifically agree to accept this grain and handle it appropriately. For more information on your grain market options, go to the American Seed Trade Association's website at [www.amseed.org](http://www.amseed.org) or call your seed supplier.

MARKET CHOICES® is a registered certification mark used under license from ASFA.

Know Before You Grow®, an information service provided by National Corn Growers Association at [www.ncga.com](http://www.ncga.com).

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

**Always Read and Follow Pesticide Label Directions.** Roundup Ready® crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup® agricultural herbicides. Roundup® agricultural herbicides will kill crops that are not tolerant to glyphosate. Bollgard®, Bollgard II®, Roundup®, Roundup PowerMAX®, Roundup Ready®, Roundup Technology®, Roundup WeatherMAX®, Transorb & Design®, YieldGard®, YieldGard VT and Design®, YieldGard VT Triple®, YieldGard VT Triple PRO™, and Monsanto imagine® and the vine symbol are trademarks of Monsanto Technology LLC. Respect the Refuge and Corn Design® is a registered trademark of National Corn Growers Association. ©2008 Monsanto Company. [18228Jpgd] 5A-9Y-08-3433