

## Genuity® Roundup Ready® Alfalfa Stewardship Requirements

Growers that purchase and plan to plant Genuity® Roundup Ready® Alfalfa agree to comply with the following:

**1. Minimize pollen flow from Genuity Roundup Ready Alfalfa to conventional varieties by:**

- Harvesting alfalfa at or prior to 10% flower bloom. Most growers practice this already. It is a basic good forage management practice, as it increases the quality of hay. This is a key stewardship requirement, which is unchanged from the requirement at the time of original launch in 2005. Management to reduce bloom could also include practices such as mowing.
- Agreeing not to plant Genuity Roundup Ready Alfalfa in wildlife feed plots. In most cases, alfalfa that is planted in wildlife plots is not intensively managed and has the potential to bloom and set seed. This requirement is not only for wildlife feed plots, but also any situation where Genuity Roundup Ready Alfalfa will not be actively managed and could bloom.

**2. Provide their seed supplier/dealers with the Global Positioning System (GPS) coordinates of one point in each of all their Genuity Roundup Ready Alfalfa fields.**

Seed suppliers are required to identify and list all Genuity Roundup Ready Alfalfa field locations to meet sales reporting requirements. The GPS coordinates and grower information will not be shared with any

other entities. Information will be kept confidential and private, unless requested by court action or legal authority. See back of page for detailed instructions for obtaining coordinates.

**3. Direct any product produced from a Genuity Roundup Ready Alfalfa seed or crop, including hay and hay products, only to those countries where regulatory approvals have been granted.**

Exporters need to ensure that all the necessary approvals are in place before shipping any hay or hay products. It is a violation of national and international laws to move material containing biotech traits across boundaries into nations where import is not permitted. **Do not export to China pending import approval.**

**4. Do not plant Genuity Roundup Ready Alfalfa for seed or sprout production.**

**5. Have a valid Monsanto Technology/ Stewardship Agreement, signed in 2010 or later and abide by the most recent Technology Use Guide (TUG) and Genuity Roundup Ready Alfalfa TUG Addendum.**

A 2010 or later version of the Monsanto Technology/ Stewardship Agreement (MT/SA) must be signed and accepted by Monsanto prior to transfer of seed. This is consistent across all Monsanto seed technologies.

Call 1-800-768-6387 or visit [www.renewmtsa.com](http://www.renewmtsa.com) for an access to the MT/SA form.

Please visit [www.monsanto.com/ourcommitments/Pages/product-stewardship.aspx](http://www.monsanto.com/ourcommitments/Pages/product-stewardship.aspx) website to find the newest TUG and Genuity Roundup Ready Alfalfa TUG Addendum.



## Genuity® Roundup Ready® Alfalfa Stewardship Requirements

### GPS Field Location Reporting

The GPS coordinates of each field of Genuity® Roundup Ready® Alfalfa must be reported in all geographies. The documentation needs to include grower license number, GPS coordinate from within the field, and associated acreage. The GPS coordinates should be listed in decimal degree format as such:

**Lat: 35.14181; Long: -90.05250.**

The coordinates may be obtained using Google® Maps or a handheld GPS device. The coordinates can be converted from degree minutes or seconds to decimal degree format through several websites.

### How to Obtain GPS Coordinates via Google®?

1. Open [www.Google.com](http://www.Google.com), select maps at top left.
2. Enter address closest to the field.
3. Zoom into the field.
4. Right click on spot in center of field and select “What’s here.”
5. Coordinates will be displayed in input line at the top of the map.

### To convert GPS coordinates to proper format if you have degrees minutes or seconds, go to:

- A website that can convert the coordinates from degree minutes or seconds to decimal degree format.
- Enter coordinates in box.
- Press convert and map button.
- Confirm on map that location is correct.
- Use decimal degrees readout.



Based on the decision of the U.S. Department of Agriculture (USDA) on January 27, 2011, Genuity® Roundup Ready® Alfalfa seed is available for sale and distribution by authorized Seed Companies or their dealers for use in the United States only. This seed may not be planted outside of the United States, or for the production of seed, or sprouts.

**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. This product 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. **Do not export Genuity® Roundup Ready® alfalfa seed or crop, including hay or hay products, to China pending import approval.** 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. Individual results may vary, and performance may vary from location to location and from year to year. This result may not be an indicator of results you may obtain as local growing, soil and weather conditions may vary. Growers should evaluate data from multiple locations and years whenever possible.

**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 Icons, Genuity®, Roundup Ready®, and Roundup® are trademarks of Monsanto Technology LLC. All other trademarks are the property of their respective owners. ©2011 Monsanto Company.03112011SMK