

WEED RESISTANCE MANAGEMENT (Page 2, continued)

Monsanto considers product stewardship to be a fundamental component of customer service and responsible business practices. As leaders in the development and stewardship of Roundup agricultural herbicides and other products, Monsanto continues to invest significantly in research to understand the proper uses and stewardship of our proprietary herbicide brands. This research, done in conjunction with academic scientists, extension specialists and crop consultants, includes an evaluation of some of the factors that can contribute to the development of weed resistance and how to properly manage weeds to delay the development of resistance.

Glyphosate is a Group 9 herbicide based on the mode of action classification system of the Weed Science Society of America. Although rare in occurrence, any weed population may contain plants naturally resistant to Group 9 herbicides. The following general recommendations help manage the risk of weed resistance occurring. More specific recommendations are outlined in each Roundup Ready crop section in this Technology Use Guide.

Weed resistance management practices:

- Scout your fields before and after herbicide application.
- Start with a clean field, using either a burndown herbicide application or tillage.
- Control weeds early when they are relatively small.
- Incorporate other herbicides and cultural practices as part of your Roundup Ready cropping system where appropriate.
- Use the right herbicide product at the right rate and the right time.
- Control weed escapes and prevent weeds from setting seeds.
- Clean equipment before moving from field to field to minimize spread of weed seed.
- Use new commercial seed as free from weed seed as possible.

Monsanto is committed to the proper use and long-term effectiveness of its proprietary herbicide brands through a four-part stewardship program: developing appropriate weed control recommendations; continuing research to refine and update recommendations; education on the importance of good weed management practices; and responding to repeated weed control inquiries through a product performance evaluation program.

Report any incidence of repeated non-performance on a particular weed to the local Monsanto representative, retailer, or county extension agent.