

RESIDUAL HERBICIDES AND CORRECT RATES KEEP WEED RESISTANCE OFF THESE FARMERS' FIELDS



Steve Ricketts, of Fairbury, Illinois, uses multiple modes of action to reduce his risk of developing glyphosate-resistant weeds.

Michael Weston of Roberts, Illinois, is quite proud that 100 percent of his corn crop has been Roundup Ready® Corn 2 for the past four years. He says

although weed resistance is a concern to him, he is confident that by using the Roundup Ready Corn 2 System effectively, he is reducing the risk of developing glyphosate-resistant weeds on his farm.

“I start with the Roundup Ready Rate™ of Harness® Xtra, which gives me effective weed control so that I can come back later and make an over-the-top application of Roundup®,” explains the corn farmer. “I think it is important to use multiple modes of action so weed resistance does not become a problem on my farm.”

Weston feels using the Roundup Ready Rate of a residual herbicide is one of the key reasons why weed resistance isn't a problem for him. “I use the Roundup Ready Rate of Harness Xtra at preplant so I don't build up resistance by cutting rates and only relying on one mode of action for weed control,” he adds.

Like Weston, Steve Ricketts of Fairbury, Illinois, planted 100 percent Roundup Ready Corn 2 as well as 100 percent Roundup Ready Soybeans on his farm in 2007. Although the topic of weed resistance concerns him from time to time, he alleviates any worry about resistance developing on his farm by using multiple modes of action.

“I don't cut rates, and I use Harness Xtra to control the weeds, and a lot of them don't even come up,” explains the fourth-generation farmer. “It makes the post application of Roundup agricultural herbicides more effective when I come back in.”

Ricketts says that weed resistance to glyphosate is not a problem on his farm or in his area because he believes everyone, including himself, is using the recommended rates and incorporating multiple modes of action. “I think timing is an important factor as well – you got to get the weeds early with a residual herbicide and not let them get too big when you come back with Roundup.” He adds that spraying earlier is better than later.

Both Ricketts and Weston say they will continue to use the Roundup Ready Cropping System on 100 percent of their acres. “As long as it remains effective, I'll be sticking with the Roundup Ready System for the long-run,” says Ricketts.

To reduce your risk of developing glyphosate-resistant weeds, Monsanto recommends these weed-resistance-management practices:

- Scout 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 the 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 far from weed seed as possible.

To help gauge your risk of developing glyphosate-resistant weeds on a field-by field basis, visit www.weedtool.com.

Always read and follow pesticide label directions. Roundup Ready® crops contain Roundup Ready genes that confer tolerance to glyphosate, the active ingredient in Roundup® agricultural herbicides. Roundup agricultural herbicides will kill plants that are not glyphosate tolerant. Harness Xtra is a restricted-use pesticide and is not registered in all states. The distribution, sale or use of an unregistered pesticide is a violation of federal and state law and is strictly prohibited. Monsanto imagine® and the Vine Design, Roundup Ready Rate™, Harness®, Roundup®, Roundup Ready® and Start Clean, Stay Clean™ are trademarks of Monsanto Technology LLC. All other trademarks are the property of their respective owners. ©2007 Monsanto Company. [31730-22/25 IL-INAG]

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