

IOWA STATE UNIVERSITY WEED SPECIALIST ENCOURAGES GOOD STEWARDSHIP IN ROUNDUP READY® CORN 2 AND ROUNDUP READY SOYBEANS



Mike Owen
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The Roundup Ready® Corn 2 System was planted on approximately 50 million acres this season – making it the leading weed-control program in U.S. agriculture.

Iowa State University Extension weed specialist

and professor of agronomy Mike Owen offers the following advice for growers who use a rotation of Roundup Ready Corn 2 and Roundup Ready soybeans to achieve effective weed control and minimize the chance of weed resistance on their farms:

- Timely weed control is critical to achieving effective weed management. Correct application timing needs to be used to control weeds efficiently and effectively. Remember, the objective of weed management is to protect potential crop yield by removing weeds before they begin to compete with the crop. Timely application of herbicides is also a good stewardship practice against weed population shifts and weed resistance development.

- Know which weeds you have in your fields and which ones are the most problematic to control. Understand weed-emergence patterns and use this information to plan weed-management tactics.
- Use a pre-followed by a post herbicide system in both Roundup Ready Corn 2 and Roundup Ready soybeans to more effectively and consistently control weeds. Doing so enables better control of early-germinating weeds, which are potentially the most damaging to crop yields, and may help reduce the chances of weeds evolving resistance to glyphosate. This strategy minimizes the initial weed pressure, which increases the “window of opportunity” for a timely post application that will better protect potential crop yields.
- Use full, labeled rates of glyphosate. Recommended label rates are set by determining what levels will give the best weed control in most circumstances. Using lower rates can result in variable control and success.

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 glyphosate tolerant. Monsanto Imagine® and the Vine Design, Roundup® and Roundup Ready® are registered trademarks of Monsanto Technology LLC. ©2007 Monsanto Company. [31728-29 IFT tip 9/1/07]

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