

# UNIVERSITY OF NEBRASKA WEED SPECIALIST ENCOURAGES GOOD STEWARDSHIP IN ROUNDUP READY® CROPS



*Dr. Robert Wilson  
University of  
Nebraska*

Roundup Ready® Corn 2 was planted on approximately 50 million acres this season. This technology represents more than half of the total U.S. corn acres in 2007. Growers

should follow good stewardship practices to effectively manage this technology.

University of Nebraska Extension Weed Specialist Dr. Robert Wilson offers the following advice for growers who grow continuous Roundup Ready Corn 2 or 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:

- First, use the recommended rate of glyphosate. If you use a reduced rate, you allow weeds that are less sensitive to glyphosate to survive, produce seeds and increase in dominance. If you keep the rate of glyphosate at the recommended level and treat when weeds are small, weed control will increase and the chances of weed shifts and development of resistant weeds will decline.

- Using a full rate of a residual herbicide or a tank mix of two residual herbicides at planting is important because it reduces and delays the onset of the initial weed population, so weeds are smaller and at reduced density at the time of postemergence herbicide application.
- Growers should be prepared to change their preemergence herbicide program to a different herbicide or combination of herbicides with different modes of action or add a tank-mix partner to their postemergence glyphosate program to counter weed shifts or herbicide-resistant weeds.
- Using a pre- and postemergence treatment as part of the Roundup Ready Corn 2 or Roundup Ready soybean System will help improve the sustainability of weed-control efforts.

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. [31728-54 MWM tip 8/31/07]

MONSANTO  
imagine®

