



# FARMERS IMPRESSED WITH ROUNDUP READY 2 YIELD™ SOYBEAN PERFORMANCE

## SECOND-GENERATION TECHNOLOGY TAKES SOYBEANS TO A HIGHER LEVEL



Although Roundup Ready 2 Yield™ soybeans aren't targeted for commercialization until the spring of 2009, many farmers have already experienced the benefits of this breakthrough technology and say they are impressed with the top-end yield potential it offers.

These farmers, primarily located in Illinois and Iowa, grew production seed this past season that will support a limited commercial release of Monsanto's second-generation Roundup Ready® soybeans on up to 2 million acres in 2009.

In four years of Monsanto field trials, comparing near-isogenic lines, Roundup Ready 2 Yield soybeans consistently delivered 7 percent to 11 percent higher yields than Roundup Ready® soybeans.

Alan Karkosh of Hudson, Iowa, says he recorded a 7 percent to 8 percent yield bump over his Roundup Ready soybeans in one of his production fields. "When the yield is higher with the same strong agronomics, that's definitely a positive," he says. "Yield is the easiest way to influence your bottom line."

John Wahls, of Pontiac, Ill., also experienced higher yields with his Roundup Ready 2 Yield production beans. "When this new technology is introduced in 2009, the value it is going to add to my operation is dollars in my pocket," he says. "Once Roundup Ready 2 Yield is commercialized, I would anticipate planting it on 100 percent of my soybean acres."

Dion McBay, Monsanto U.S. Soybean Traits Marketing Lead, says this second-generation technology will deliver the same flexibility and convenience of the Roundup Ready soybean system and provide higher soybean yield potential.

### LOCATION, LOCATION, LOCATION

Roundup Ready 2 Yield was developed through extensive gene mapping that allowed Monsanto to identify specific DNA regions in soybeans that have a positive impact on yield. The Roundup Ready 2 Yield gene is situated in one of these high-yield DNA regions.

McBay cites another basis for the higher yield opportunity. "Mature soybean plants mostly have either two-bean or three-bean pods," he notes. "We have observed significantly more three-bean pods per plant with Roundup Ready 2 Yield compared with Roundup Ready soybeans. That 'power in the pod' means more beans per plant and, therefore, higher yield performance."



**MONSANTO FIELD TRIALS SHOWED A SIGNIFICANTLY HIGHER NUMBER OF THREE-BEAN PODS FOR ROUNDUP READY 2 YIELD SOYBEANS COMPARED WITH ROUNDUP READY SOYBEANS.**

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.

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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. Roundup®, Roundup Ready® and Roundup Ready 2 Yield™ are trademarks of Monsanto Technology LLC. ©2008 Monsanto Company. [34394-1 jct 5/15/08 RR2Yadvert MFN]