



GENUITY ROUNDUP READY 2 YIELD

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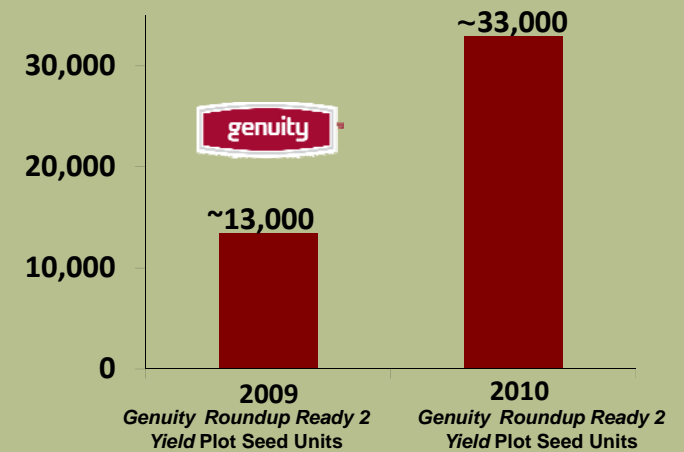
2010 Legwork Sets the Stage For Broad Adoption in 2011



GENUITY ROUNDUP READY 2 YIELD 2010 LAUNCH

LAUNCH ACRES	<ul style="list-style-type: none"> • 6 million acres - largest U.S. commercial soybean launch
PROOF POINTS	<ul style="list-style-type: none"> • > 40 percent of branded customers trialing • New varieties expanded to over 60 • Newest, high performing, Class of '10 on 70 percent of branded varieties • Canadian <i>Roundup Ready 2 Yield</i> varieties supported for registration record an 11 percent yield advantage¹ • 3X the acre of strip plots (vs. 2009)

Genuity Roundup Ready 2 Yield Strip Plots Across All Monsanto Brands (2010 vs. 2009)



¹Varieties supported for 2011 commercialization as compared to existing commercial *Roundup Ready* varieties. Validation by Ontario Oil and Protein Seed Crops Committee (OOPSCC)

2011 Market Approach and Expanded Germplasm Improves Licensee Outlook

NEW

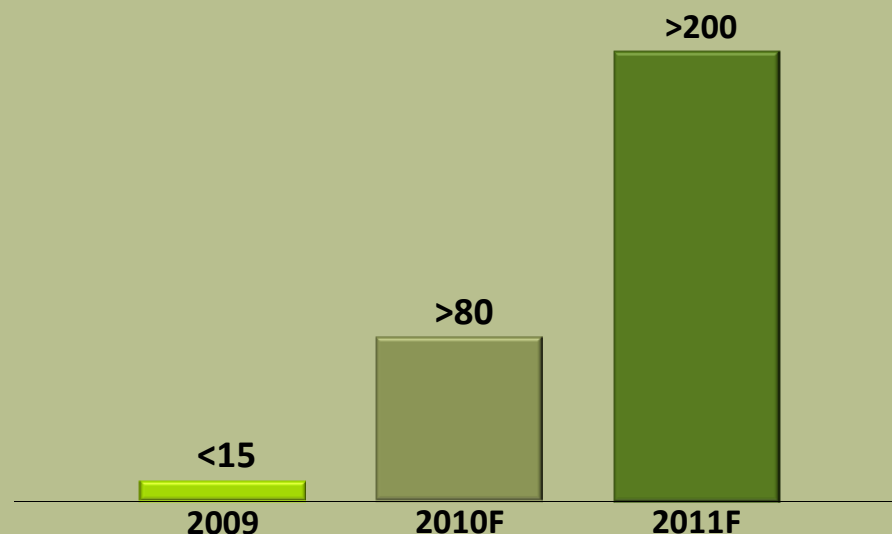
LICENSEE VALIDATION: SEED STOCK ORDERS
SEED TREATMENT OPTIONAL



Index of 1.00 = Total Commercial Supply Orders
pre- 3/25/2010 Seed-Treatment-Optional Announcement

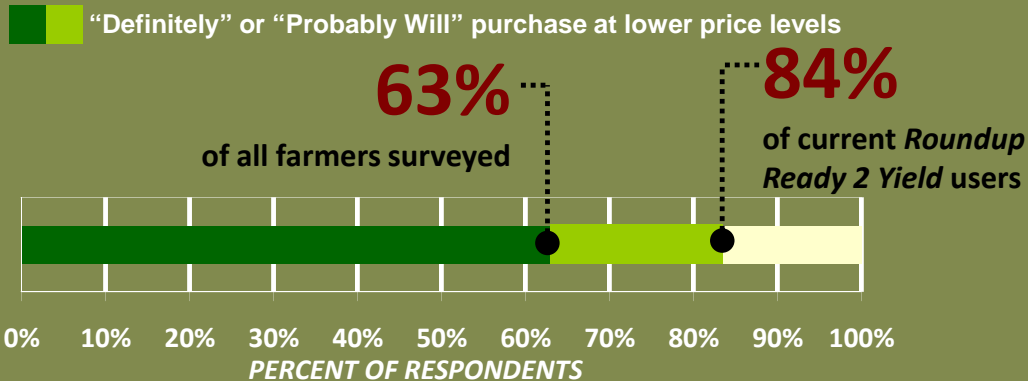
NEW

NUMBER OF *GENUITY*
***ROUNDUP READY 2* YIELD VARIETIES**
ACROSS ALL CHANNELS



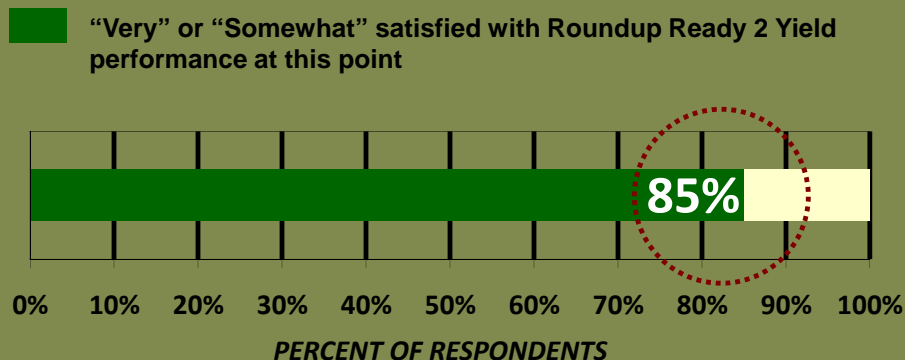
New Farmer Surveys Indicate New Market Approach Building Interest in *Genuity Roundup Ready 2 Yield*

NEW Market Research: *Genuity Roundup Ready 2 Yield*



- ▶ Almost two-thirds of all farmers surveyed and 84 percent of current users said at lower prices *Roundup Ready 2 Yield* would be their soybean-trait platform of choice

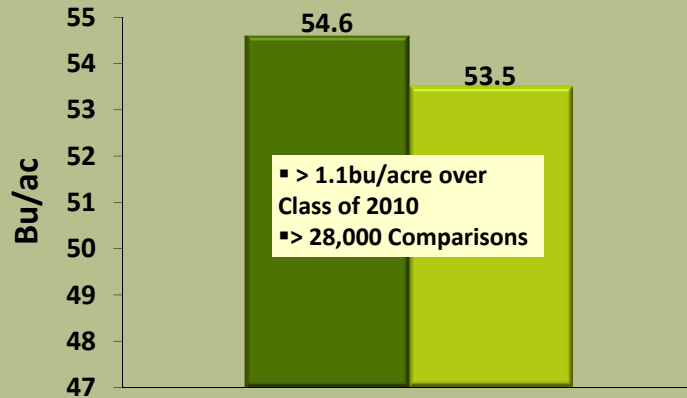
NEW *Genuity Roundup Ready 2 Yield* 2010 User Early-Indicator Data



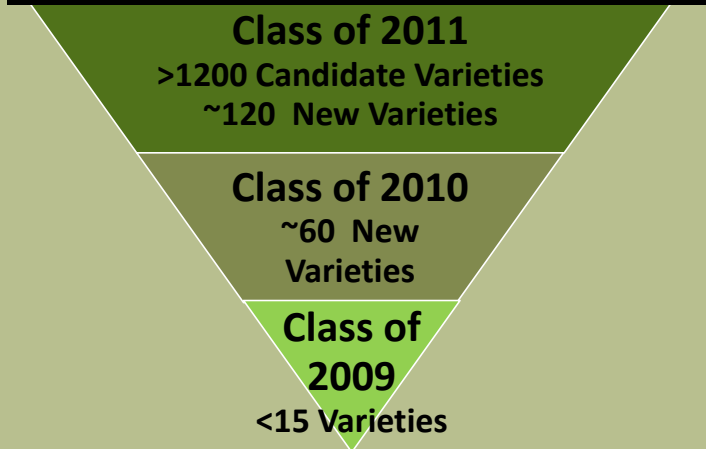
- ▶ Eighty-five percent of 2010 *Roundup Ready 2 Yield* users are satisfied with their performance
- ▶ Among those users, the top three benefits cited at this point are:
 1. *Overall plant health*
 2. *Yield potential at this point*
 3. *Better emergence*

Genuity Roundup Ready 2 Yield Establishes Soy Platform in 2011

MONSANTO CLASS OF 2011 VS. CLASS OF 2010¹



GENETIC BANDWIDTH BRINGS STRENGTH AND DIVERSITY



GENUITY ROUNDUP READY 2 YIELD 2011 GAME PLAN

TARGET ACRES	<ul style="list-style-type: none"> • Mid-teens millions of acres
PROOF POINTS	<ul style="list-style-type: none"> • Trial use pricing • Seed treatment optional • Varieties expanded to >120 • Class of '11 varieties continue yield expansion • With our licensees, RR2Y acre potential now exceeds 65 percent of the U.S. soybean acres • Insurance coverage by ARMtech increases by 10 percent based on RR2Y performance review



Platform
Established
in 2011

¹ Head to head comparisons from breeding trials between Class of 2011 candidates and Class of 2010 advancements as of Nov. 21, 2009