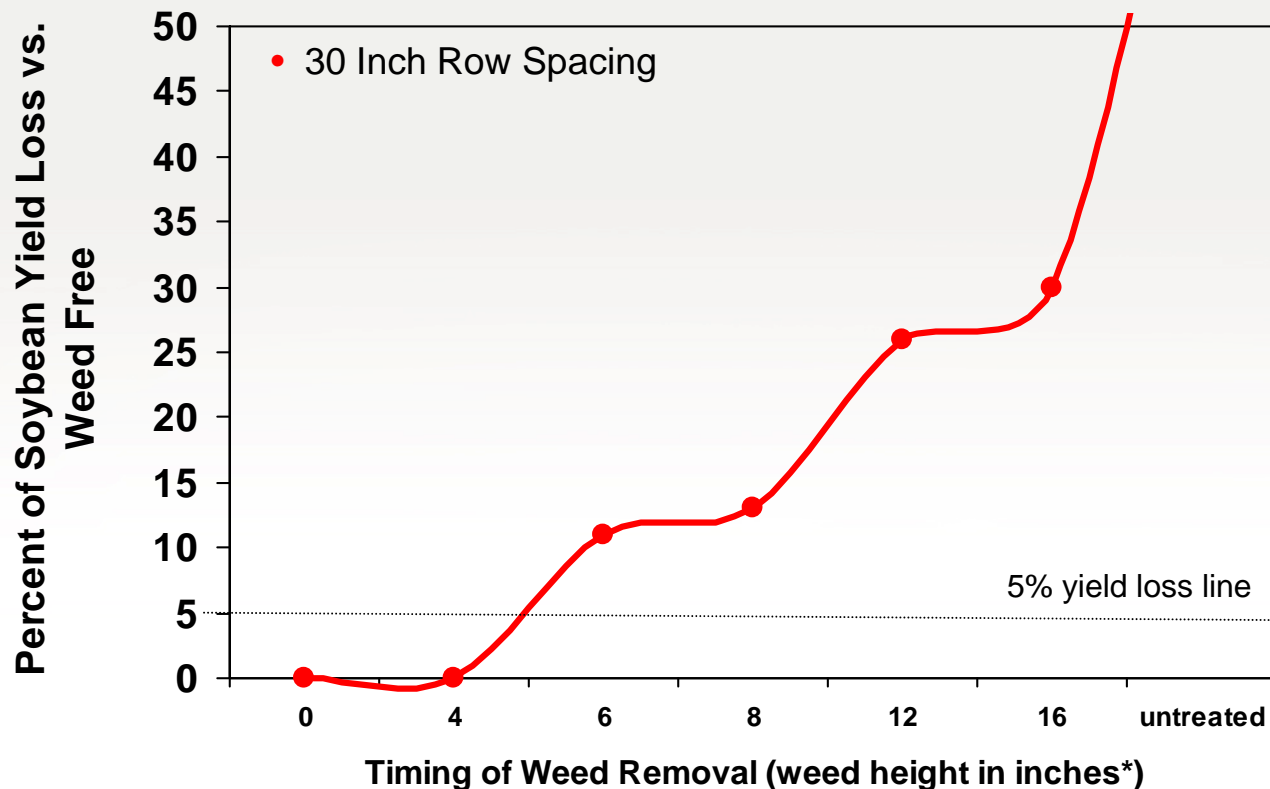


Cost of Delaying Weed Control in Roundup Ready[®] Soybean



*Weed heights converted from metric measurements of 5, 10, 15, 20, and 30 to 35 cm. Location was Urbana, IL, 2001 and 2002.

Weed	Plants/ft ²
giant foxtail	6.3
morningglory	1.2
waterhemp	1.1

- **Approximately 2-3% yield loss for every inch of weed height after weeds exceed 4 inches**
- **It can often take 3-4 days for most weeds to grow 1 inch**
- **For every inch of weed growth above 4 inches, it costs approximately 1 bushel (~\$13.00), which can equal approximately \$3.71/acre per day.**
 - *Calculations based on 40 bushel/acre yields, 2.5% yield loss for every inch of weed height after weeds exceed 4 inches, and 3.5 days for 1 inch of weed growth.*

Source: Kamienski, C. 2003. Masters thesis: Effect of postemergence glyphosate application timing on weed control and grain yield in glyphosate-resistant soybean. University of Illinois.

Monsanto Company is a member of Excellence Through Stewardship[®] (ETS). Monsanto products are commercialized in accordance with ETS Product Launch Stewardship Guidance, and in compliance with Monsanto's Policy for Commercialization of Biotechnology-Derived Plant Products in Commodity Crops. Commercial product(s) has been approved for import into key export markets with functioning regulatory systems. Any crop or material produced from this product can only be exported to, or used, processed or sold in countries where all necessary regulatory approvals have been granted. It is a violation of national and international law to move material containing biotech traits across boundaries into nations where import is not permitted. Growers should talk to their grain handler or product purchaser to confirm their buying position for this product. Excellence Through Stewardship[®] is a registered trademark of Biotechnology Industry Organization. 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. ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. Roundup Ready[®] crops contain genes that confer tolerance to glyphosate, the active ingredient in Roundup[®] brand agricultural herbicides. Roundup[®] brand agricultural herbicides will kill crops that are not tolerant to glyphosate. Roundup Ready PLUS[™], Roundup Ready[®], and Roundup[®] are trademarks of Monsanto Technology LLC. ©2011 Monsanto Company. 08.23.2011CK.EJP