

# New Solutions for Weed Management in Cotton Systems

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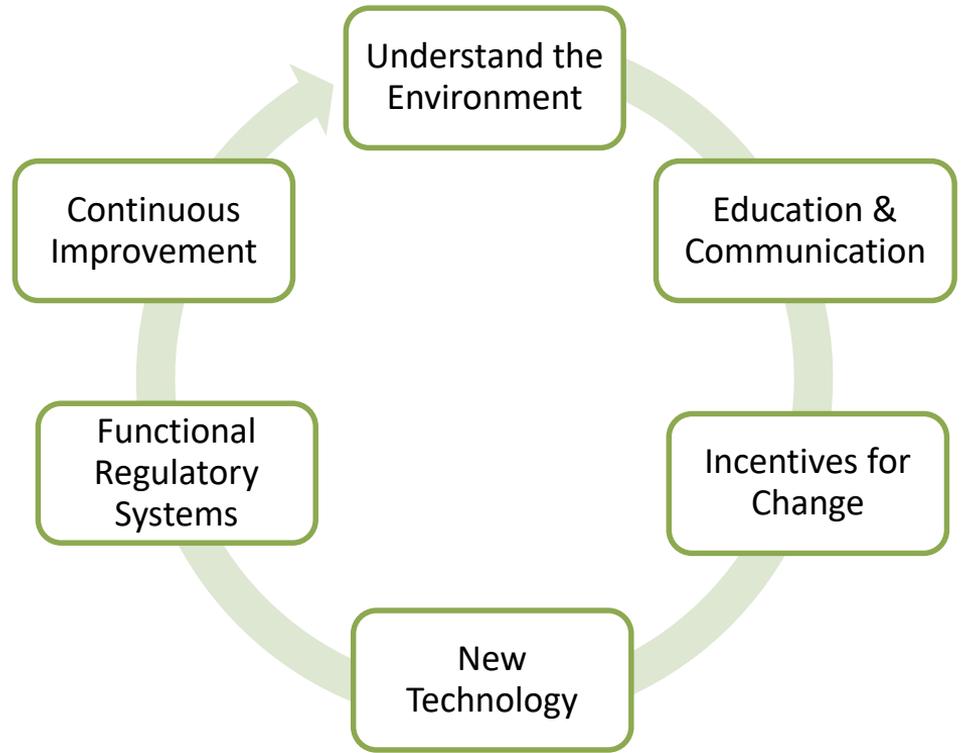


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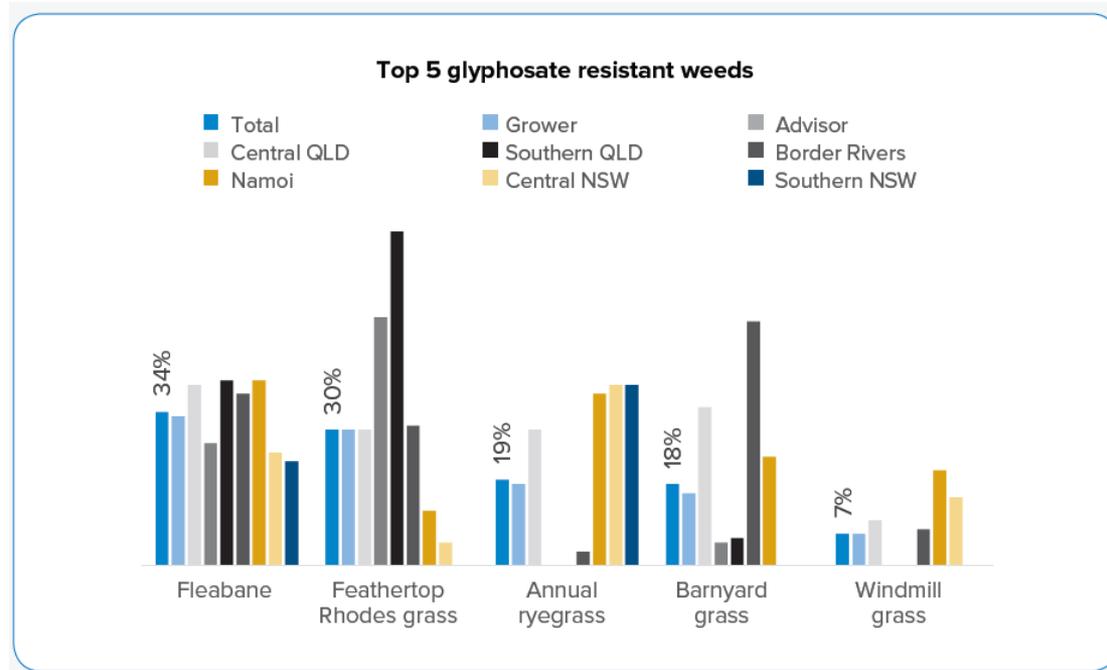
# Integrated Approach to Weed Management

- Understanding on-farm weed management practices and trends helps to drive Monsanto's research and development.
- Monsanto use these insights to develop programs and products that help Australian growers manage their weed problems and protect existing technology



# Protecting glyphosate: a critical herbicide

- 90% of growers rate the efficacy of glyphosate used in their cotton crop as *Excellent* or *Good*.
- However, 74% of growers indicated they have suspected glyphosate resistant weeds on-farm.
- The continued performance of glyphosate is critical to the success of Australian agriculture.

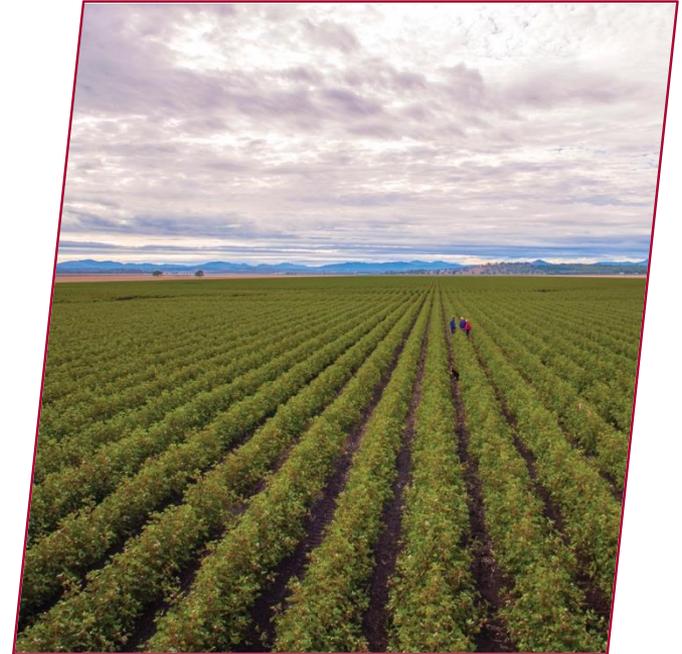


# Introducing: the Roundup Ready PLUS™ Program

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## Program Aims:

- Increase residual chemistry use
- Increase affordable options for weed control
- Promote on-farm practice change
- Protect value of glyphosate across the farming system



# 2018/19 Program Contents

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Free Herbicide Resistance Testing



Access to training courses



Financial Rebates



Guides, resources and links

# The Roundup Ready® Xtend Crop System



- An advanced weed control system that will help growers manage glyphosate-resistant and difficult to control weeds in their cotton crop
- XtendFlex® is the first cotton product developed to be tolerant to over-the-top application of glyphosate, dicamba and glufosinate herbicides.
- The combination of the best traits and chemistry products will give Australian cotton farmers added choice and flexibility in their overall weed management system.

# Roundup Ready® Xtend Crop System

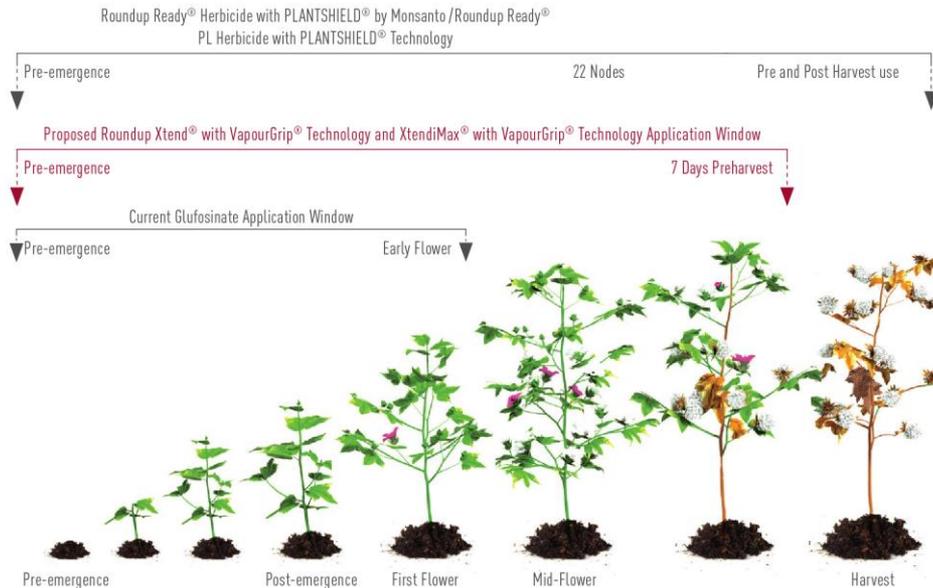
## Helping Australian growers manage difficult-to-control weeds



Control



XtendFlex



# Collaboration with Industry

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- Bringing a trait and herbicide system to market is complex and requires a significant number of trials to understand how Australian growers can get the most from the technology.
- Monsanto are working across industry groups to develop the best training, education and stewardship package for XtendFlex cotton.
- Launched the Roundup Ready Xtend advisory panel in January 2018, comprising growers, consultants, industry and research provider representatives.
- Growers and industry will have the chance to see the technology in the field at a number of events that Monsanto will hold, commencing in 2018.



# Commitment to Australian Cotton

- Australian cotton growers face unique challenges from pests and weeds
- Monsanto's trait and system solutions play a role in helping farmers target these challenges
- Monsanto's robust pipeline will continue to help farmers target weeds and pests into the future



M&T Cotton  
Bollgard 4  
HT4

1996 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 2019 2020 2021 2022 2023 2024 2025 2026 2027

# Thank you!

For more information visit:  
[www.monsanto.com](http://www.monsanto.com)  
[www.modernag.org](http://www.modernag.org)

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# Forward-Looking Statements

Certain statements contained in this release are "**forward-looking statements**," such as statements concerning the company's anticipated financial results, current and future product performance, regulatory approvals, business and financial plans and other non-historical facts, as well as the pending transaction with Bayer Aktiengesellschaft ("Bayer"). These statements are based on current expectations and currently available information. However, since these statements are based on factors that involve risks and uncertainties, the company's actual performance and results may differ materially from those described or implied by such forward-looking statements. Factors that could cause or contribute to such differences include, among others: risks related to the pending transaction between the company and Bayer, including the risk that the regulatory approvals required for the transaction may not be obtained on the anticipated terms or time frame or at all, the risk that the other conditions to the completion of the transaction may not be satisfied, the risk that disruptions or uncertainties related to the pending transaction could adversely affect the company's business, financial performance and/or relationships with third parties, and the risk that certain contractual restrictions during the pendency of the transaction could adversely affect the company's ability to pursue business opportunities or strategic transactions; continued competition in seeds, traits and agricultural chemicals; the company's exposure to various contingencies, including those related to intellectual property protection, regulatory compliance and the speed with which approvals are received, and public understanding and acceptance of our biotechnology and other agricultural products; the success of the company's research and development activities; the outcomes of major lawsuits, including potential litigation related to the pending transaction with Bayer; developments related to foreign currencies and economies; fluctuations in commodity prices; compliance with regulations affecting our manufacturing; the accuracy of the company's estimates related to distribution inventory levels; the recent increases in levels of indebtedness, continued availability of capital and financing and rating agency actions; the company's ability to fund its short-term financing needs and to obtain payment for the products that it sells; the effect of weather conditions, natural disasters, accidents, and security breaches, including cybersecurity incidents, on the agriculture business or the company's facilities; and other risks and factors detailed in the company's most recent periodic report to the SEC. Undue reliance should not be placed on these forward-looking statements, which are current only as of the date of this release. The company disclaims any current intention or obligation to update any forward-looking statements or any of the factors that may affect actual results.

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## Fiscal Year

References to year, or to fiscal year, are on a fiscal year basis and refer to the 12-month period ending August 31.

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