

New Methods Developed to Address Volatility and Discover New Products

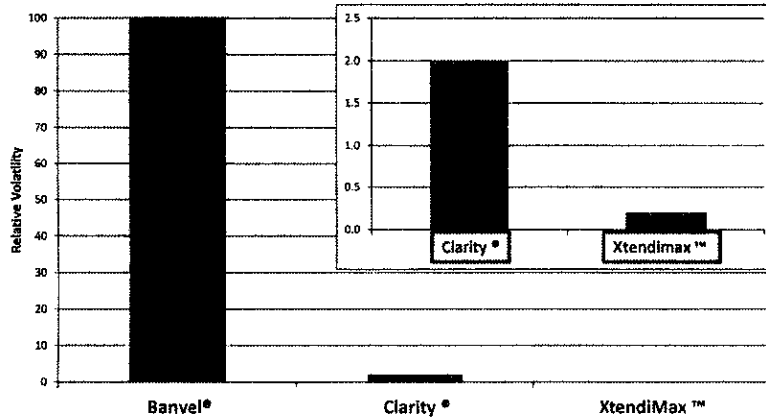


- Humidome Studies
 - Conducted in growth chamber
 - High temperature and humidity
- Air pulled through PUF (polyurethane foam)
- PUF extracted analyzed for dicamba by LCMS
- Tells us the total amount of dicamba vapor

BEST FOR THE
ROAD AHEAD

Humidity dome testing has been the work horse of our volatility screen. Use this method to screen formulations. Air pulled through for 24 hours. Any dicamba vapors will be trapped on the PUF. PUF extracted with methanol and analyzed by LCMS for presence of dicamba.

Relative Volatility of XtendiMax™ containing VaporGrip™ technology

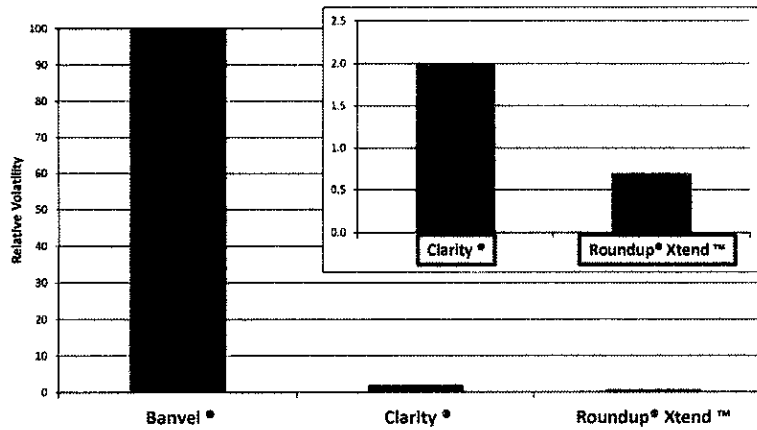


This information is for educational purposes only and is not an offer to sell Roundup Xtend™, XtendiMax™, or Roundup Ready 2 Xtend™. These products are not yet registered or approved for sale or use anywhere in the United States.

Source: Monsanto Internal Testing; DCV 873

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Relative Volatility of Roundup® Xtend™ containing VaporGrip™ technology



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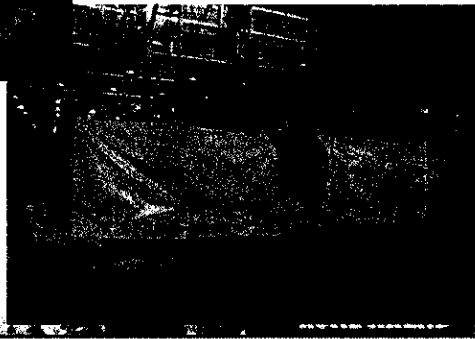
Mention that we are still working on new formulations – 2nd generation options being developed along with other premix formulations containing dicamba. Formulations for other world areas. Dicamba is a chemistry that Monsanto is committed to.

Hoop House Volatility Test



32 plants placed in each hoop house. Flat containing 10 sprayed Petri dishes placed in the middle of the hoop house.

Hoop houses covered with plastic, sealed with binder clips. After desired exposure time plastic removed, plants removed and observed for injury response at 7 and 14 DAT



New test we have developed in the past 6 months. Useful tool to show benefit of VaporGrip technology. 32 plants are used per treatment so enables to see crop response to any dicamba vapor that may volatilize.

XtendiMax™ Herbicide Low Volatility Response



Soybeans exposed for 24 hours to XtendiMax show low injury response at 14 DAT

Soybeans exposed for 24 hours to DMA dicamba show injury response at 14 DAT



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DCV-886

Roundup® Xtend™ Herbicide Low Volatility Response



Soybeans exposed for 24 hours to Roundup® Xtend™ Herbicide show low injury response at 14 DAT

Soybeans exposed for 24 hours to DMA dicamba + Roundup PowerMAX® Herbicide show injury response at 14 DAT



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We've heard lots of great information today from the best in the business. Are you ready to have these same conversations with your team? Are your salespeople and agronomists ready to lead these conversations with growers? What about field days? What are you going to say?

We're going to break this down into two sections: 1) What can you do? 2) What resources are available to do it? 3) Who are the growers I should consider?

Roundup Ready 2 Xtend™ Soybeans

Seed Partner Direction

What Can I Do?

- **Educate growers** on Roundup Ready® Xtend Crop System
- **Promote/Advertise Roundup Ready 2 Xtend™ Soybeans**
- **Build a grower plan-** which growers & acres are the best fit for the product lineup?

Educational Materials, Ads, Logos Branding & Legal Guidelines are available on www.corn-states.com

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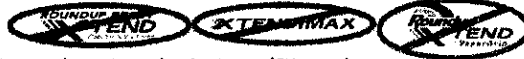
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ROAD AHEAD

Roundup Ready 2 Xtend™ Soybeans

Seed Partner Direction

What Is Not Allowed?

- Use of the chemistry logos/trademarks, offer for sale or recommendation for in crop use: Roundup Ready® Xtend Crop System, Roundup Xtend™, or Xtendimax™



- Selling Roundup Ready 2 Xtend™ soybeans
- Listing Roundup Ready 2 Xtend™ soybean varieties in your seed guide
- Product Characteristics Sheet -*Available Soon!*
- Printing sewn seed bags- *Available Soon!*

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Seed Bag Considerations



- “Flag the Technology” – Developed to reduce herbicide application errors by identifying fields that use herbicide-resistant technologies
- The checkerboard pattern represents the Roundup Ready® Xtend Crop System*
- Using the checkered pattern is recommended but optional when designing your seed bags

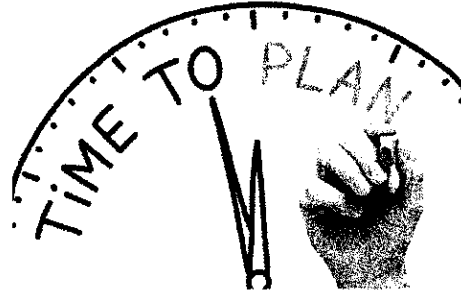
For more information on Flag the Technology visit: <http://www.uaex.edu/publications/pdf/FSA-2162.pdf>

**Expected for 2016 based on pending regulatory approvals*

WHAT FOR THE
ROAD AHEAD

The Next 90 Days






- Field Days
- Kickoff Meetings
- Grower Calls



GET ON THE
ROAD AHEAD

Roundup Ready 2 Xtend™ Soybeans

Resources Available

Corn States Account Manager	www.corn-states.com	Other Resources
Product Characteristics Sheet: <i>More information Available Soon!</i>	Roundup Ready® Xtend Crop System Brochure 	www.roundupreadyPLUS.com 
Presentations <ul style="list-style-type: none">•Applicator Training•Field Day Boards 	ACT Site Seller 	• Spray Manager Plus app: <i>Pending final label requirements</i> 
Field Day Boards	Ads, Logos, Branding & Legal Guidelines	• Follow-a-Field www.xtendfollowafield.com

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BEAT FOR THE ROAD AHEAD

General Overview

WHY DICAMBA IS IMPORTANT Roundup Ready
SRP 800P

ROUNDUP READY XTEND CROP SYSTEM Roundup Ready
XTEND

XTEND XTENDMAX

45 YRS PROVEN HISTORY

270+ SITE SITES

VERY LOW EXPOSURE

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45 YRS PROVEN HISTORY

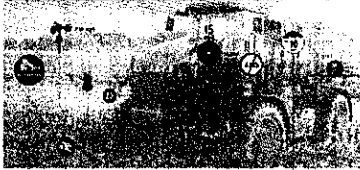
270+ SITE SITES

VERY LOW EXPOSURE

ROUNDUP READY PLUS Roundup Ready
TERRA MANAGEMENT SYSTEM

XTEND XTENDMAX XTENDMAX

ANTICIPATED APPLICATION REQUIREMENTS Roundup Ready
XTEND



1. Application of Roundup Ready XTEND or XTENDMAX to the field prior to planting. 2. Application of Roundup Ready XTEND or XTENDMAX to the field prior to planting. 3. Application of Roundup Ready XTEND or XTENDMAX to the field prior to planting. 4. Application of Roundup Ready XTEND or XTENDMAX to the field prior to planting. 5. Application of Roundup Ready XTEND or XTENDMAX to the field prior to planting. 6. Application of Roundup Ready XTEND or XTENDMAX to the field prior to planting.

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Sprayer System Clean-Out

TRIPLE-RINSE CLEAN-OUT



How to Clean Your Xtend Sprayer System

- WASHING
- RINSING
- DRAINING

1. Turn off the engine and the sprayer system. 2. Disconnect the sprayer system from the tank. 3. Wash the sprayer system with water. 4. Rinse the sprayer system with water. 5. Drain the sprayer system.



SPRAYER SYSTEM CLEAN-OUT

Always follow the instructions on the Xtend label. Xtend is a herbicide that kills weeds and grasses. It is important to clean your sprayer system after each use to prevent contamination and ensure accurate application.



SPRAYER PARTS THAT CAN TRAP HERBICIDE

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Nozzles and Booms

BOOM HEIGHT

BOOM HEIGHT AND ON-TARGET APPLICATION

- Monitor boom height at target application point
- Monitor boom height at target application point
- Monitor boom height at target application point
- Monitor boom height at target application point
- Monitor boom height at target application point

DROPLETS AND DRIFTABLE FINES

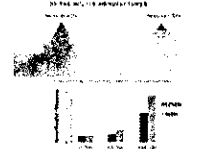
DROPLET SIZE AND DRIFTABLE FINES APPLICATION

- Monitor droplet size at target application point
- Monitor droplet size at target application point
- Monitor droplet size at target application point
- Monitor droplet size at target application point

NOZZLE	DRIFTABLE FINES	DRIFTABLE FINES
100	100	100
150	150	150
200	200	200
250	250	250
300	300	300
350	350	350
400	400	400
450	450	450
500	500	500
550	550	550
600	600	600
650	650	650
700	700	700
750	750	750
800	800	800
850	850	850
900	900	900
950	950	950
1000	1000	1000

ADDITIVES FOR ON-TARGET APPLICATIONS

- Additives for on-target applications
- Additives for on-target applications
- Additives for on-target applications
- Additives for on-target applications



BEST MANAGEMENT PRACTICES FOR ON-TARGET APPLICATION

- Best management practices for on-target applications
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Roundup Ready PLUS and How the Roundup Ready Xtend Crop System Fits In

RELATIVE EFFICACY OF DICAMEBA

APPLICATION TIMING AND WEED MANAGEMENT

ROUNDUP READY PLUS CROP MANAGEMENT SOLUTIONS

ROUNDUP READY XTEND CROP SYSTEM OPTIONS

EFFECTIVE ON MORE THAN 270 WEEDS

CONTROL WEEDS BEFORE THEY REACH A HEIGHT OF 18 INCHES

ROUNDUP READY XTEND CROP SYSTEM BENEFITS

CAN PROVIDE REGIONAL WEED CONTROL FOR UP TO 30 DAYS

BEAT FOR THE ROAD AHEAD

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