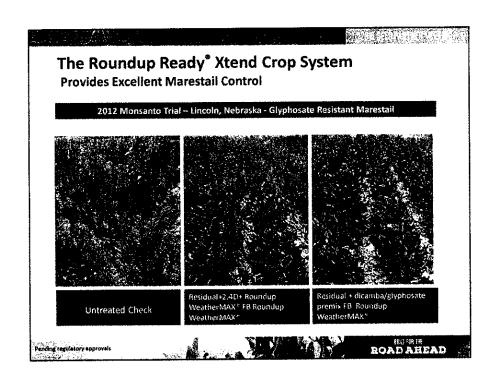
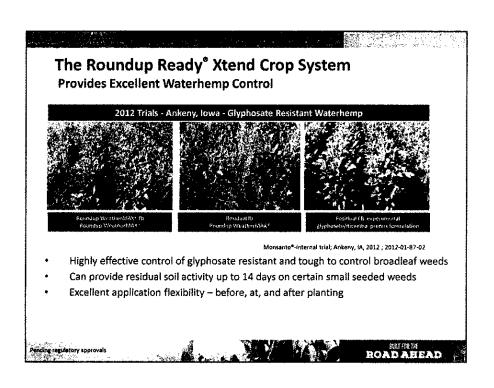
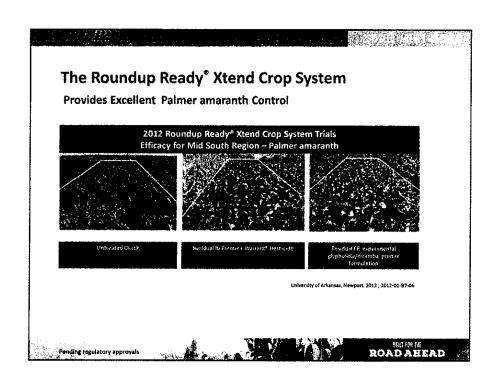
## Why Dicamba?

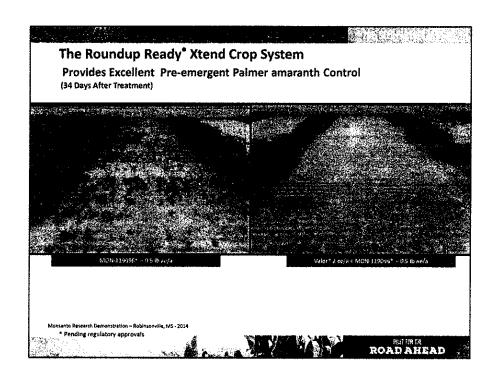
- Provides excellent POST control of key glyphosate resistant weeds plus many tough to control broadleaf weeds
- · Can provide residual control up to 14 DAT
- · Rapid visual symptom development in weeds
- Similar uptake/translocation profile as glyphosate
- · Good physical compatibility with glyphosate
- Moderate use rates, acceptable COG'S
- Low volatility salt registered in market (DGA-Dicamba)

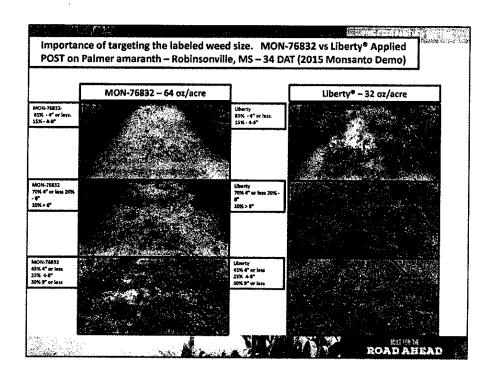
ROAD AHEAI











Label pics bigger?

# Roundup Xtend™, XtendiMax™, Liberty® & Enlist Duo™ Product Comparison

;	XtendiMax <sup>is</sup> with VaporGrip <sup>13</sup> Technology	Roundup Xtend <sup>To</sup> with VaporGrip <sup>To</sup> Technology	Liberty®	Enlist Duo <sup>re</sup>
Formulation Leading	2.92 lb ae/gai	4.5 lb ae/gal	2.34 lb ai/gal	3.3 lb ae/gal
Use Rate	22 oz/A (+ 32 oz PMAX)	64 oz/A	29-36 oz/A	58-78 oz/A
Acres per Gallon	5.8	2	3.5-4.4	1.7 - 2.3
Signal Word	Caution	Caution	Warning	Warning
Re-entry Interval (REI)	24 hours	24 hours	12 hours	48 hours
*	and the second	Heavy rainfall soon after may	N 4	Heavy rainfall soon after
Rainfastness	4 hours	wash product of leaves	4 hours	DO NOT apply if rain is expected in 24 hours
Weed Height	Less than 4 inches	Less than 4 inches	varies	3-6" (56 az) > 6" (76 az)
# of Weeds Controlled	250	274	137	122

his information is for educational purposes only and is not an offer to sell Roundup Xtend®, XtendihAza®, or Roundup Ready 2 Xtend®. These products are not yet registered or

ROAD AHEAD

# Example of Utilizing Dicamba as Part of a Weed Control Recommendation Within the Roundup Ready\* Xtend Crop System

1	2	3	4
Burndown	PRE or Preplant	POST Application 1	POST Application 2
Roundup PowerMAX* + 2,4-D*	Rowel™ or Rowel™ FX + Roundup Xtend™ with VaporGrip™ Technology	Warrant® Herbicide + Roundup Xtend™ with VaporGrip™ Technology + SelectivAX®	Roundup PowerMAX + Cobra®
		(if needed)	•

\* Must follow labeled plant back restriction. For the full complement of herbicide options, see RoundupReadyPLUS.com. Other weed management recommendations as part of the RoundupReady PLUS platform are available.

This information is for aducational purposes only and is not an offer to sell Roundup Xtend\*, Xtendiñax\*, or Roundup Ready 2 Xtend\*. These products are not yet registered or annual for calls are use annual present in the Holland States.

Pending regulatory approvals

ROAD AHEAD

# Example of Utilizing Dicamba as Part of a Weed Control Recommendation Within the Roundup Ready\* Xtend Crop System

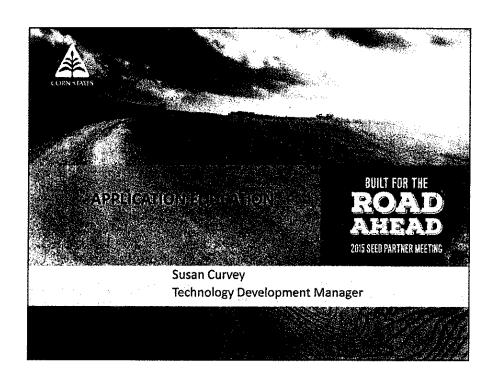
1	2	3	4
Burndown	PRE or Preplant	POST Application 1	POST Application 2
Roundup PowerMAX® + 2,4-D*	Rowel™ or Rowel™ FX + Roundup Xtend™ with VaporGrip™ Technology	Warrant® Herbicide + Roundup Xtend™ with VaporGrip™ Technology + SelectMAX® (if needed)	Roundup PowerMAX + Cobra®

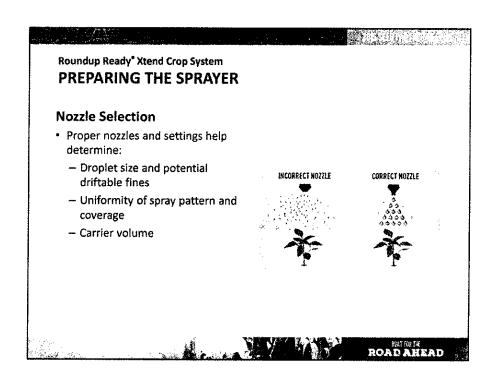
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Pending regulatory approvals

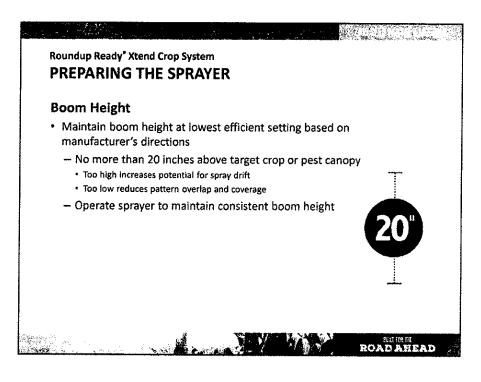
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#### PREPARING THE SPRAYER: NOZZLE SELECTION

- Nozzle selection is one of the most important parameters for drift reduction
- Successful herbicide applications largely depend on correct nozzle selection and settings that help determine the application rate, uniformity of spray droplet size and carrier volume
- Proper nozzles and settings help determine:
  - · Droplet size and potential driftable fines
  - · Uniformity of spray pattern and coverage
  - Carrier volume
- Incorrect nozzle selection, worn or improperly functioning nozzles and poor planning can result in:
  - Off-target movement
  - Poor weed control
  - Crop damage
  - · Increased application rates and costs



#### PREPARING THE SPRAYER: BOOM HEIGHT

boom height innuences spray pattern, application uniformity and the amount of time

droplets are exposed to wind and evaporation

- · Set boom height at lowest efficient setting based on manufacturer's directions
  - No more than 20 inches above crop or pest canopy
  - · Too high increases potential for spray drift
  - Too low reduces pattern overlap and coverage
  - · Operate sprayer to maintain consistent boom height
- Automated boom height controllers are recommended with large booms to better maintain optimum nozzle-to-canopy height



Roundup Ready\* Xtend Crop System

#### **PREPARING TO SPRAY**

#### Wind Speed

Spray when wind speeds are 3-10 mph

- · Spraying in wind speeds of 0-3 mph is restricted
  - Most unpredictable and variable in direction
  - May indicate a temperature inversion; check first before spraying
- Faster speed increases risk of drift and potential for farther off-target movement

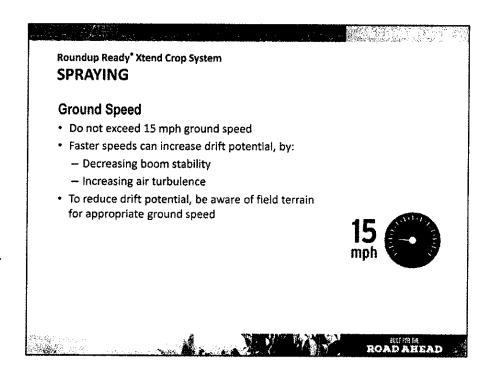
#### **REMINDERS:**

- Wind speed and direction can change at any time
- Implement a buffer as required per label instructions
- Tools such as anemometers and wind socks can assist in gauging wind speed and direction in the field
- Be fully informed of neighboring and downwind areas



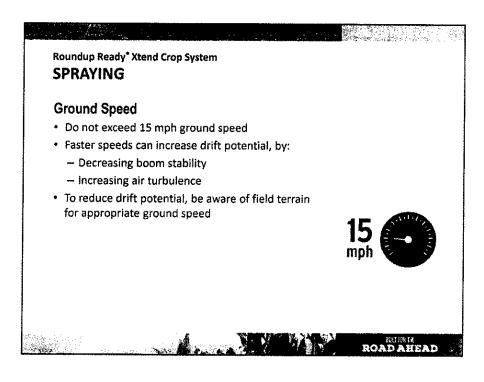
#### PREPARING TO SPRAY: WIND SPEED & DIRECTION

- While wind speed will be a requirement of the Roundup Ready® Xtend Crop System, these recommendations are good practices when spraying any herbicide
- Spray when wind speeds are 3-10 mph
  - · Spraying in wind speeds of 0-3 mph is restricted
    - Most unpredictable and variable in direction
    - · A temperature inversion may be present; check first before spraying
  - · Faster speed increases risk of drift and potential for farther off-target movement
- Reminders:
  - · Wind speed and direction can change at any time
  - Implement a buffer as required per label instructions
  - Tools such as anemometers and wind socks can assist in gauging wind speed and direction in the field
  - · Be fully informed of neighboring and downwind areas



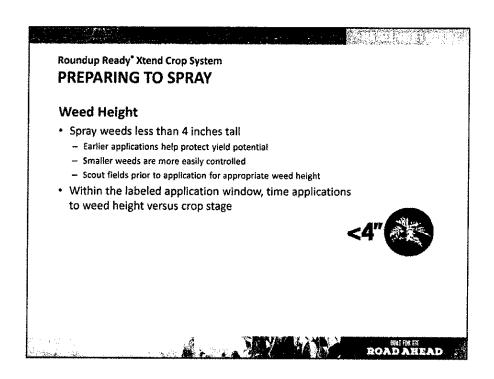
### **SPRAYING: GROUND SPEED**

- · Do not exceed 15 mph ground speed
- · Faster speeds can increase drift potential by:
  - · Decreasing boom stability
  - · Increasing air turbulence
- To reduce drift potential, be aware of field terrain for appropriate ground speed



### **SPRAYING: GROUND SPEED**

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- To reduce drift potential, be aware of field terrain for appropriate ground speed



### PREPARING TO SPRAY: WEED HEIGHT

- Spray weeds less than 4 inches tall
  - Earlier applications help protect yield potential
  - · Smaller weeds are more easily controlled
  - · Be sure to scout fields prior to application for appropriate weed height
- · Within the labeled application window, time applications to weed height versus crop stage

