



MID-SOUTH AG CONSULTANTS, INC.



Weed Control is Changing!

Those that don't believe it will
soon get stuck

IN The Mud....



They will keep trying and spending



The more they spend on weed control the deeper they go!



Till It is too late and Realize you have a problem and need some Help!





Finally You Realize that you need to do a better job of Preparation



Glyphosate Crops

- Round Up Ready Cotton
- Round Up Ready Corn
- Round Up Ready Soybeans
- These make up 90% of acres in Arkansas
- Selection Pressure is very high
- Easy to Use Roundup alone at poor prices
- Roundup Ready kept some growers in business

Key Weeds for our area:



Marestail



Ryegrass



**Palmer
Pigweed**

Glyphosate Resistant Weeds

- Every field has at least one of these, most have two or more
- Giant Ragweed
- Pigweed
- Rye grass
- Maretail (horseweed)
- Johnsongrass
- Suspect Barnyard grass

Cotton Weed Control



Times they are a changing.



What More Can We Do ?

- Residuals are the most important avenue we have for Resistance Management.
- Why have a Temptation for a post program when you can start early with a Residual Program like Reflex, Valor, or Direx
- No Worries—Wind, Wet, Rain, Emerged Weeds, Multiple Tank Mixes, Compatibility Issues, Susceptible Crops

When it can Look Like This!





And This !



And This !

Resistance Management 101

Be Aware

Be Informed

Be Proactive!

Palmer Amaranth “Pigweed”

Glyphosate
and ALS-
Resistant

Probably also
resistant to
Prowl and
Treflan in many
areas!







Glyphosate-resistant Johnsongrass



Are other grass
weeds next?

Goosegrass
Barnyardgrass



Be Proactive



From this in 2010



To this in 2011

Multiple Growing Points



Three Plants in One



Starts out Small



The beginning





WeatherMax 88 oz at 1 inch

WeatherMax 88 oz at 4 inch

WeatherMax 88 oz PDIR



Prowl H2O 1.75 pt PRE

WeatherMax 22 oz + Dual Mag. 1 pt at 4 inch

WeatherMax 22 oz + Direx 1.5 pt PDIR



Prowl H2O 1.75 pt + Cotoran 1 qt PRE

WeatherMax 22 oz + Dual Mag. 1 pt at 4 inch

WeatherMax 22 oz + Direx 1.5 pt PDIR

Weeds with diverse gene pools are more likely to contain resistant biotypes

- Pigweed
- Lambsquarter
- Barnyardgrass
- Johnsongrass
- Ryegrass

Bad Seed Beds?



GIANT RAGWEED!!!





95% CONTROL is NOT
ENOUGH !!!





What Now ?

- We have learned to actually farm again!
- Timing, Timing, Timing!!!!!!!
- Residual, Residual, Residual!!!
- Be Proactive Not Reactive
- “I don’t have a problem.”
- Residuals cost too much
- Land Owner
- It is never too late until you have a problem

