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
• Marestail (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

Norsworthy, 2009
Be Proactive

From this in 2010

To this in 2011
Multiple Growing Points
Three Plants in One
Starts out Small
The beginning
Prowl H20 1.75 pt PRE
WeatherMax 22 oz + Dual Mag. 1 pt at 4 inch
WeatherMax 22 oz + Direx 1.5 pt PDIR
Prowl H20 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
- Lambsquarters
- 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