

Experience

- LSU AgCenter (1996-2012)
 - Rice weed management
- Corporate Farm (2012....)
 - Manage 5 to 6 thousand acres of rice

Real World vs University Experiences

Our Production System

- Hybrid rice (milled and seed)
- Plant mid-March to mid-April
- Soil test - variable rate P and K
- Nitrogen management
 - Ammonium sulfate
 - 160 pre-flood, 100 after flood (ASAP), 65 split-boot

Our Production System

- Insect management
 - Dermacor or Nipsit?
 - Stinkbugs
- Disease management
 - Seed treatment
 - Split-boot (Quilt Excel)
- Weed management
 - Complicated on our farm

Weed Management

- Key weeds
 - Sprangletop, jointvetch, and Texasweed
- We have the key weeds and a severe volunteer problem
 - Hybrid followed by hybrid
 - A couple of resistance issues
- Timing is everything
 - Was not an issue as a researcher

Weed Management

- Burndown
 - Row crops have spoiled farmers/managers
 - Hybrid fb hybrid - you will burndown twice
- Clearfield
 - NewPath + Prowl fb ClearPath (1st application DPRE)
 - League vs Permit
 - Three applications
- Conventional
 - Command fb propanil based program
- Perception (Not all weeds are created equal)

Challenges

- Water
 - Nothing knew
- Well capacity
 - GPM/H is not an issue
 - Number of fields per well is a problem
- Water management
 - Art or science
 - Ammonium sulfate
 - Planting date

Conclusions

- University researcher's/specialist's salaries are not affected by price, yield or production cost
- University research is critical
 - Unbiased
 - Many (some) are idealistic
 - Need support from end user's
- Most recommendation's focus on ideal situations
 - Producers have a pretty good grip on what's ideal
 - Producers need help on non-ideal situations