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