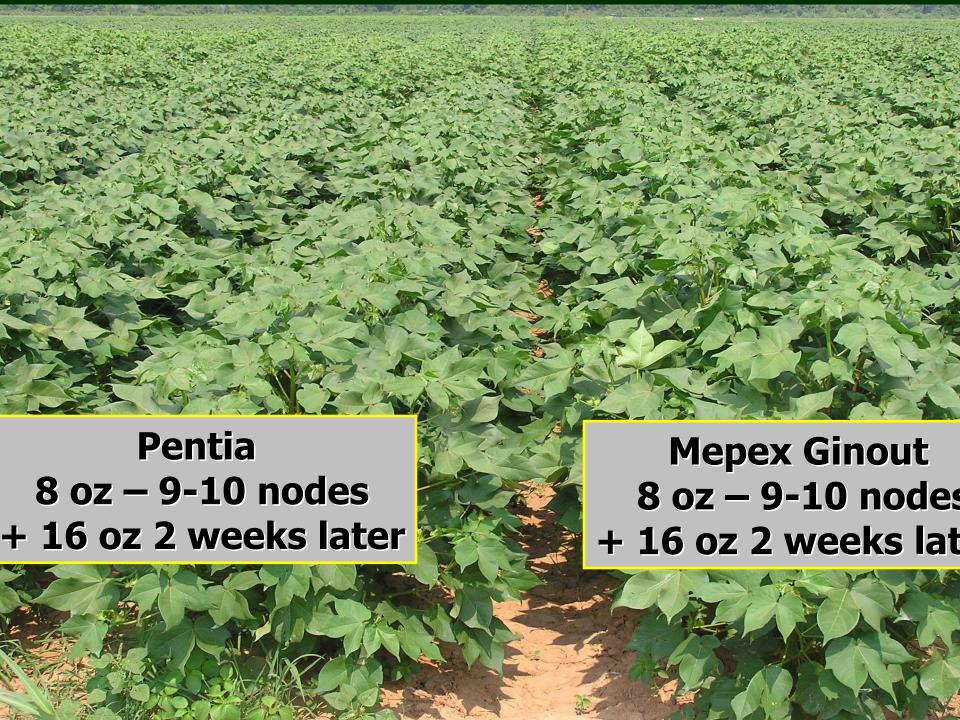


Plant Growth Regulator Usage and Available Products





Stance PGR Guidelines





- Single applications do not inhibit growth as long as single applications of other mepiquat products
- Sequential applications appear to be similar to sequential applications of other mepiqual products
- Best fit may be for first applications
- CONTINUE TO MONITOR PLANT GROWTH and AVOID AUTOMATIC APPLICATIONS



Common PGR Myths

- I will hurt my cotton with more than 10 oz ir one application.
- True only with pre-bloom applications to early varieties before drought stress.
- I can spoon-feed DP 555 with 6 oz at a time.
- True only on drought stressed, under-fertilized cotton in LA
- I need 6-8 more oz on cotton that has been blooming for 3 weeks.
- Fruit load is a much greater PGR than mepiquat will ever be



Double Cropping Cotton Behind Wheat





Cotton Behind Wheat – Getting a Stand



- Most growers have found a fluted coulter to do more harm than good.
- Run trash wipers very lightly.
- Disturb the seedbed as little as possible
- Make sure there is soil to seed contact







Cotton Behind Wheat – Management Considerations for Earliness



- Variety Selection
 - Avoid late varieties DP 555 BR is probably too late for this system
 - Avoid compact plant types Canopy coverage will be slower
 - Late-season insect pressure will be greater
 - Most Flex varieties with BGII or Widestrike will be good choices

Cotton Behind Wheat – Management Considerations for Earliness



- Variety Selection Why Flex is a good fit
 - Slower canopy and more difficult to get Dual to soil surface makes ability to use glyphosate over the top more important
 - Bollgard II and Widestrike genes offer some help on late-season leps.
 - There are good early to medium maturity Flex varieties available.

Cotton Behind Wheat – Management Considerations for Earliness



Variety Selection

- PHY 485 WRF Larger plant type and Widestrike should make it a good choice
- DP 117 B2RF Good seedling vigor, but use only on irrigated land
- ST 4554B2RF Medium plant type and good seedling vigor make it a good choice
- DP 164 B2RF Full-season maturity could be a probler
- DP 143 B2RF Full Season maturity could be a probler

Cotton Behind Wheat – Management Considerations for Earliness



Do not shave seeding rates to the max!

- Emergence in wheat straw is more difficult.
- Lower plant populations = later cotton
 - Skips will hurt more in later planted cotton than cotton planted on time
- Lower plant populations = slower canopy = more weed pressure.

Cotton Behind Wheat – Weed Control



Flex system fits well

- Getting residuals to the soil surface is more difficult with all the wheat straw.
- Use of metolachlor is recommended, but do not cut rates. Rainfall or irrigation will likely be needed to activate it. Anticipate more than one app.
- Canopy coverage is often slower and will require more scouting and timely applications.

Cotton Behind Wheat – Insect and PGR Management



- Use a pyrethroid for cutworms
- Expect more pressure late season
- Plant bugs
- Armyworms and other leps.
- BGII and Widestrike technology can help on late seaso leps.
- Make use of PGR applications to manage earliness
- Heavier rates at early bloom.
- Irrigation can also be tool for managing earliness (avoi irrigating too late in the year)