

**Cotton Incorporated**  
**Crop Management Seminar**  
**Tunica, Mississippi – November 8, 2012**



**Variety Selection –**  
**1<sup>st</sup> Decision and Potentially**  
**the Most Important**

# Cotton Producer's Top Issues

## 2011 Survey

**1. Production Costs**

**2. Weeds Resistance**

**3. Variety selection**

**4. Stress Tolerance**



# 2011 Producer Survey

## - Key Research Issues -

### **Percent Growers Who Ranked Issue in Top 5**

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|                          | <b>SE</b> | <b>Mid</b> | <b>SW</b> | <b>FW</b> | <b>U.S.</b> |
|--------------------------|-----------|------------|-----------|-----------|-------------|
| <b>Input Costs</b>       | <b>66</b> | <b>64</b>  | <b>73</b> | <b>70</b> | <b>69</b>   |
| <b>Resistant Weeds</b>   | <b>76</b> | <b>73</b>  | <b>34</b> | <b>23</b> | <b>54</b>   |
| <b>Variety Selection</b> | <b>41</b> | <b>36</b>  | <b>44</b> | <b>53</b> | <b>42</b>   |

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# Beltwide Coordination of Variety Evaluation

- Commercial varieties may come to the market with no public evaluation
  - **Cotton Incorporated Initiative** -
- **1st year** – Selected entries entered in large-plot replicated strip trials.
- **2nd year** – Management trials evaluate adaptation (+/- irrigation) and management (vegetative vigor, maturity)

# Variety Selection

- **Introduction – Bob Nichols**
- **Replicated Strip – Trial Program – Guy Collins**
- **Adaptation and Management of New Cultivars – Darrin Dodds**
- **Test Results Using the SeedMatrix Program**
  - Dale Logan
- **Bacterial Blight – Field Trash or Seed?**
  - Tom Allen