Pest Management
Considerations for Kansas

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Key Points to Integrated Pest Management (IPM) in Cotton

- Know your plant
  - know cotton plant growth and fruiting patterns--what the plants and fruit SHOULD look like (versus what they DO look like)
  - stages of susceptibility to different pests

- Know your pests
  - What pests to look for; When to look for them; How to look for them; How many is too many?

- Know your options
  - Treatment thresholds, chemicals (costs, effectiveness, safety, effects on beneficials)
Management Benchmarks

- **Mepiquat "Window"**
  - 1st Bloom

- 3

- 4 NAWF
  - Blooming "Out the Top"

- 5 NAFC
  - Boll Opener
  - Desiccant

- **PL**
  - Emerge

- **MAY**
  - Thrips

- **JUN**
  - Fleahoppers
  - Tarnished Plantbugs

- **JUL**
  - Bollworms
  - Stinkbugs

- **AUG**

- **SEP**

- **OCT**
Scouting for Thrips

**IMPACT ZONE**

**SAMPLING:**
1) Undersides of leaves
2) Tops of leaves
3) Growth point

| Normal | Light Damage | Heavier Damage |
Growth Stage - 1st Pinhead Square
Adult Fleahopper and Damage

"Blasted" Square
Fruiting Position with Scar of Missing Square
Signs of Fleahoppers and/or TPB
Final Thoughts...

- Scout frequently, regularly, *thoroughly*!
- Can’t afford crop delays or setbacks--You may not have enough time to recover lost time or lost fruit
- Timeliness is vital!
  - Scouting
  - Treatment
Questions?

- If you have questions, you can contact me at
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  I like to text ;-)