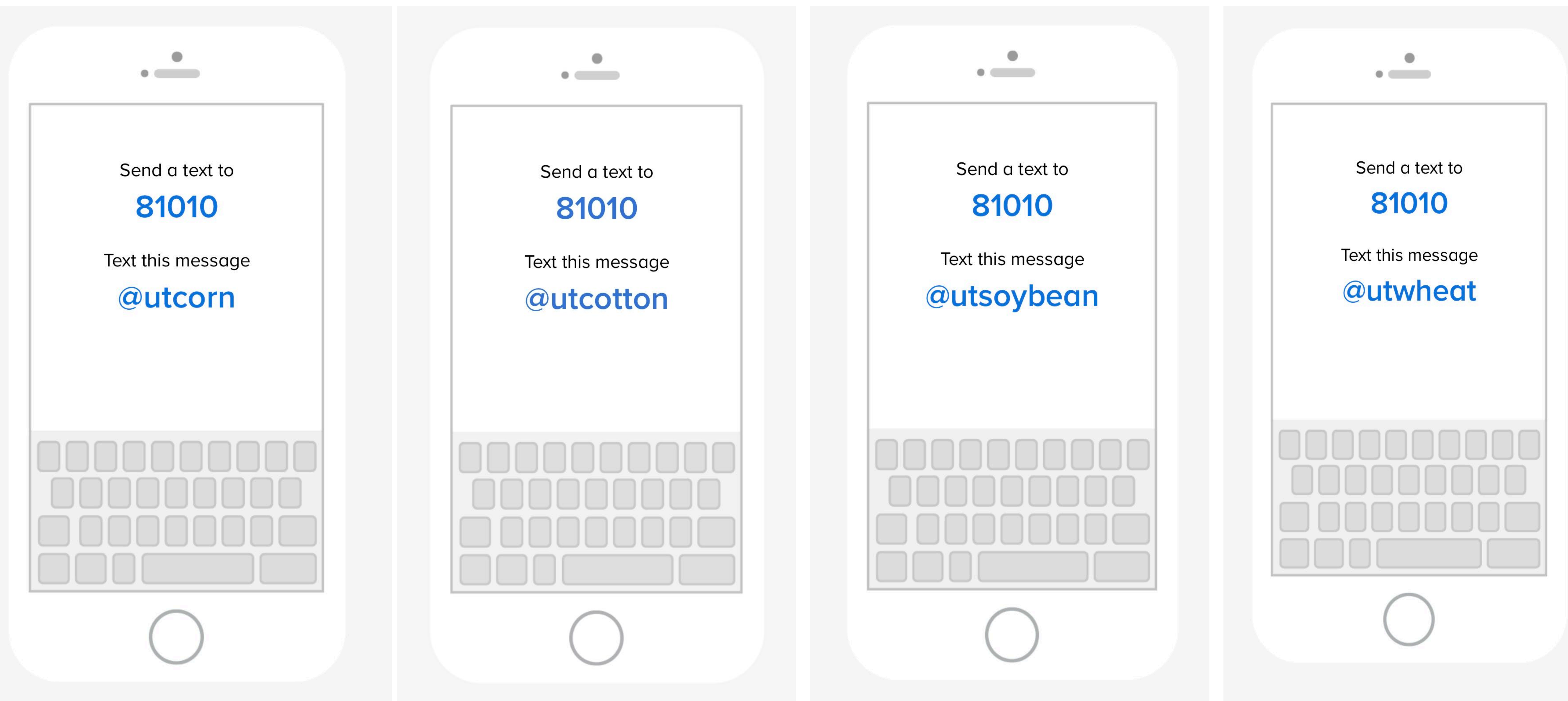


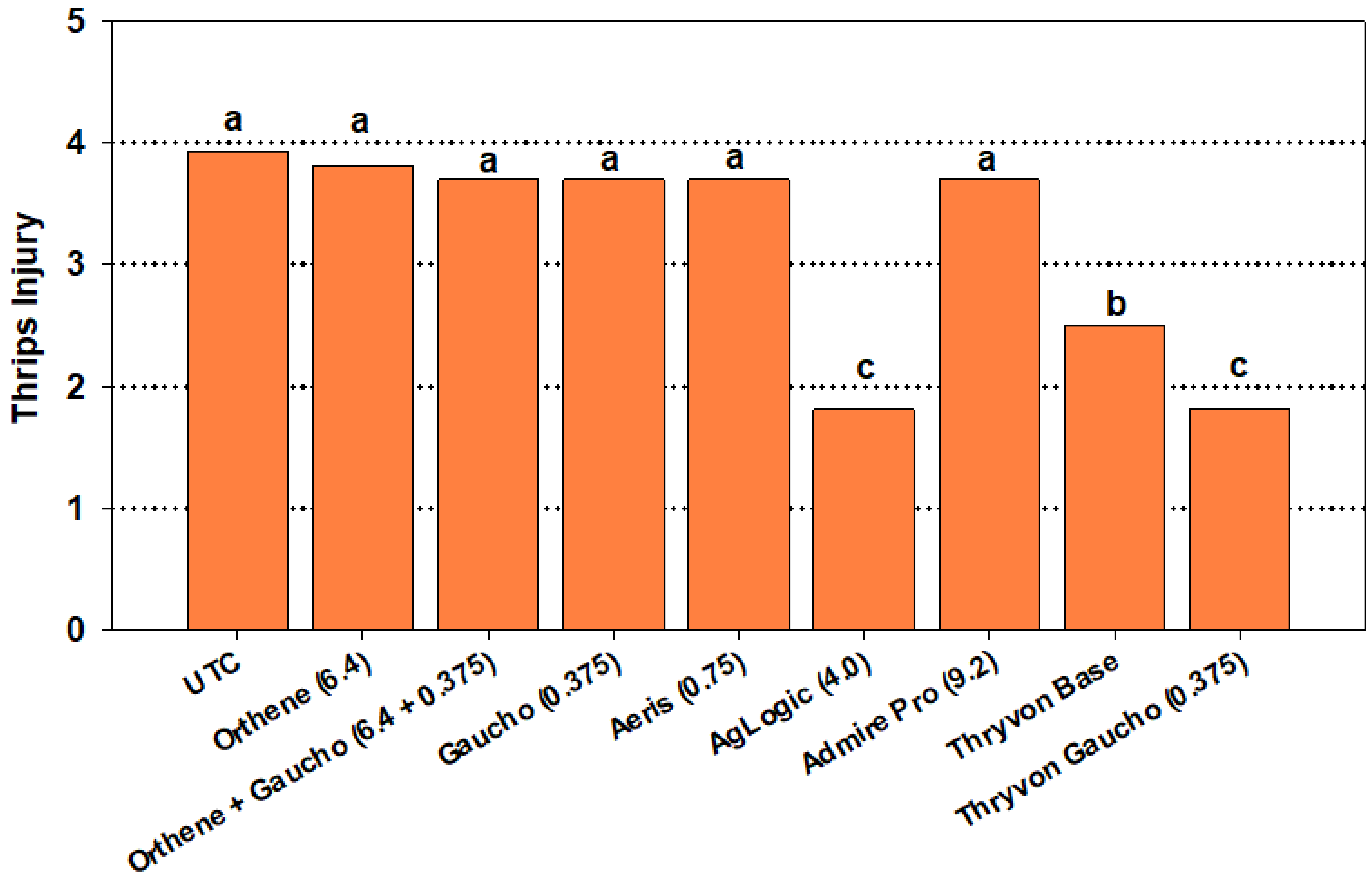
Cotton Focus: Insect Control Update

*Sebe Brown, Extension Field Crop Entomologist,
Department of Entomology and Plant Pathology*

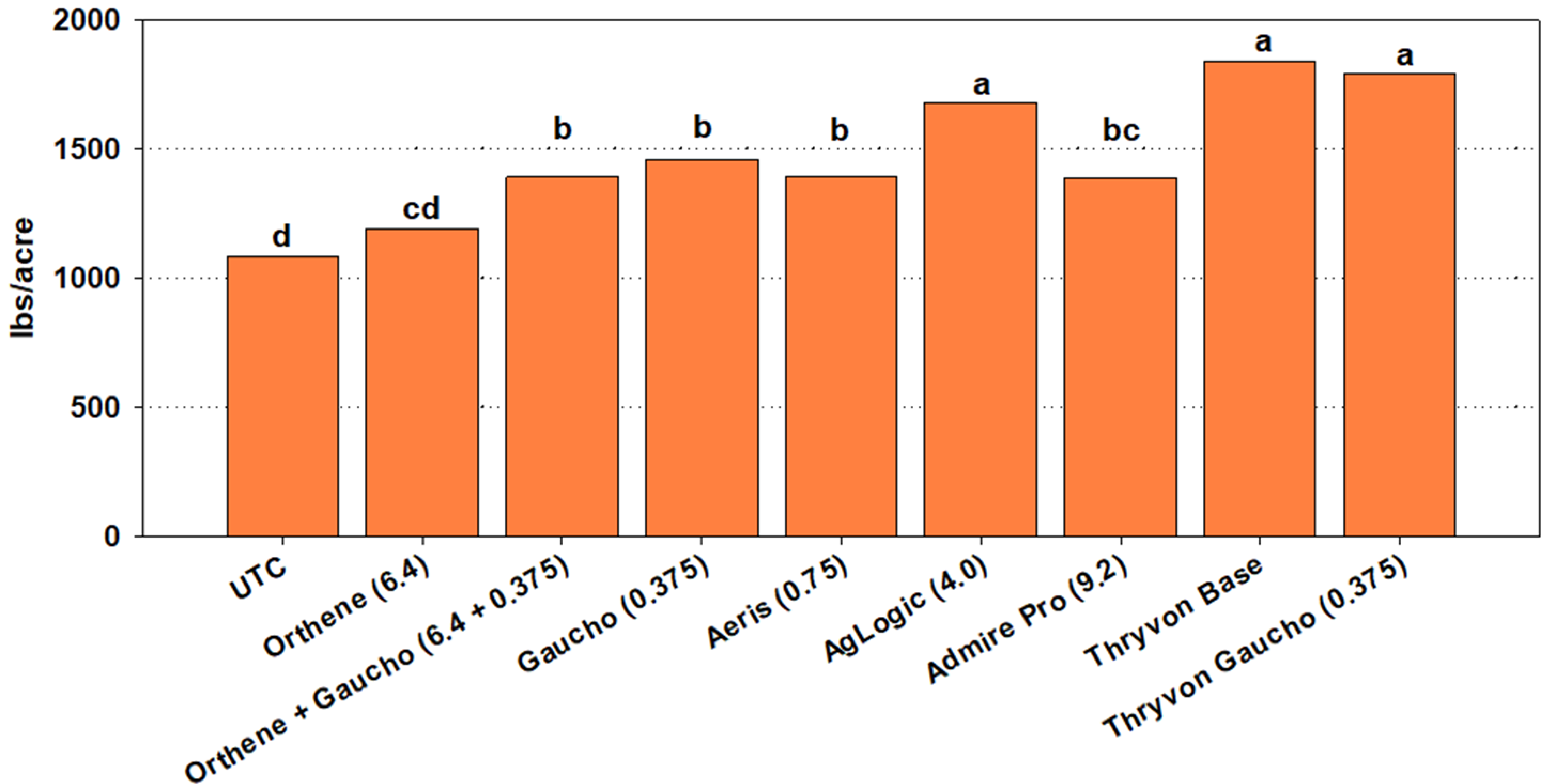
Remind Text Message System



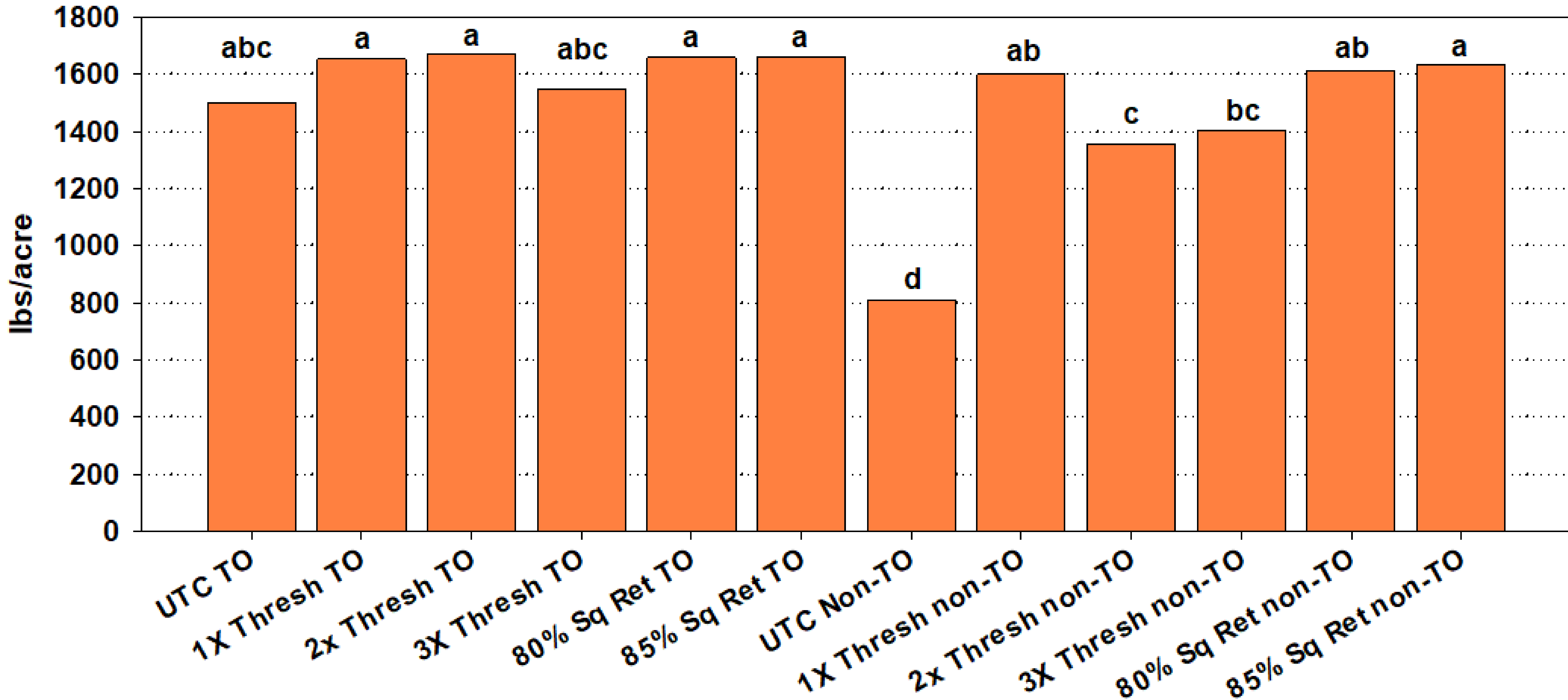
Regional IST (3-4 TL)



Regional IST Yield



TPB Threshold on ThryvOn



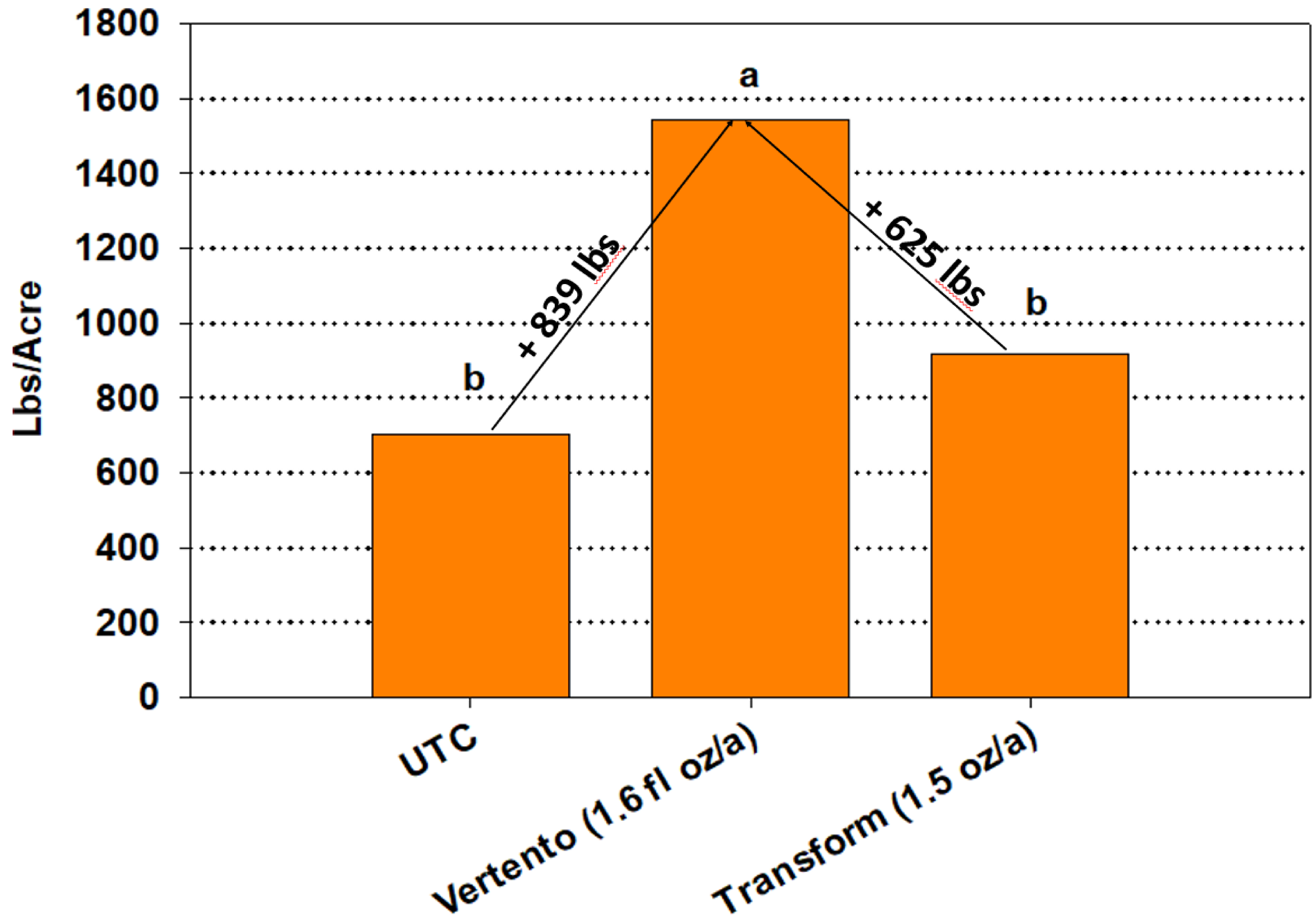
TPB Threshold in ThryvOn

- Adult threshold stays the same season long
- Nymphs double at bloom
- (3 per 5 row ft to 6 per 5 row ft)
- Takes 7 nymphs (any instar) to equal injury of 1 adult

Plinazolin (Vertento)

- AI: isocycloseram
- IRAC group 30 (meta-diamides, isoxazolines)
- GABA Gated Chloride Channel Allosteric Modulators
- Acts by ingestion and/or contact
 - Rapid cessation of feeding
 - Insects still move but are “functionally dead”
 - Long residual (observed 21+ days)
 - Slightly translaminar and non-systemic
 - Requires a quality adjuvant (MSO, NIS)

Vertento 1 Shot Program



Vertento Use

- 2nd week of bloom shot
- Rotate MOA during squaring
- Utilize Diamond 3rd week square to 1st bloom
- Shouldn't need any finishing applications

Jassids

- Found in Madison County 10/06/2025
- No cause for concern as of now
- TPB insecticides control Jassids well
- Just another insect

Take Home

- ThryvOn doesn't need thrips spray
- Any insecticide spray HAS to pay for itself
- \$0.60 cotton isn't \$1.00 cotton
- Double TPB nymph threshold at bloom in ThryvON

Milan No-Till Crop Production Field Day
Thursday, July 23, 2026
8:00 a.m. - 1:00 p.m.





Cotton
Incorporated

This research was partially funded by the growers and importers of upland cotton through the Tennessee State Support Program

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