

Redbanded Stink Bug

Damage and Control



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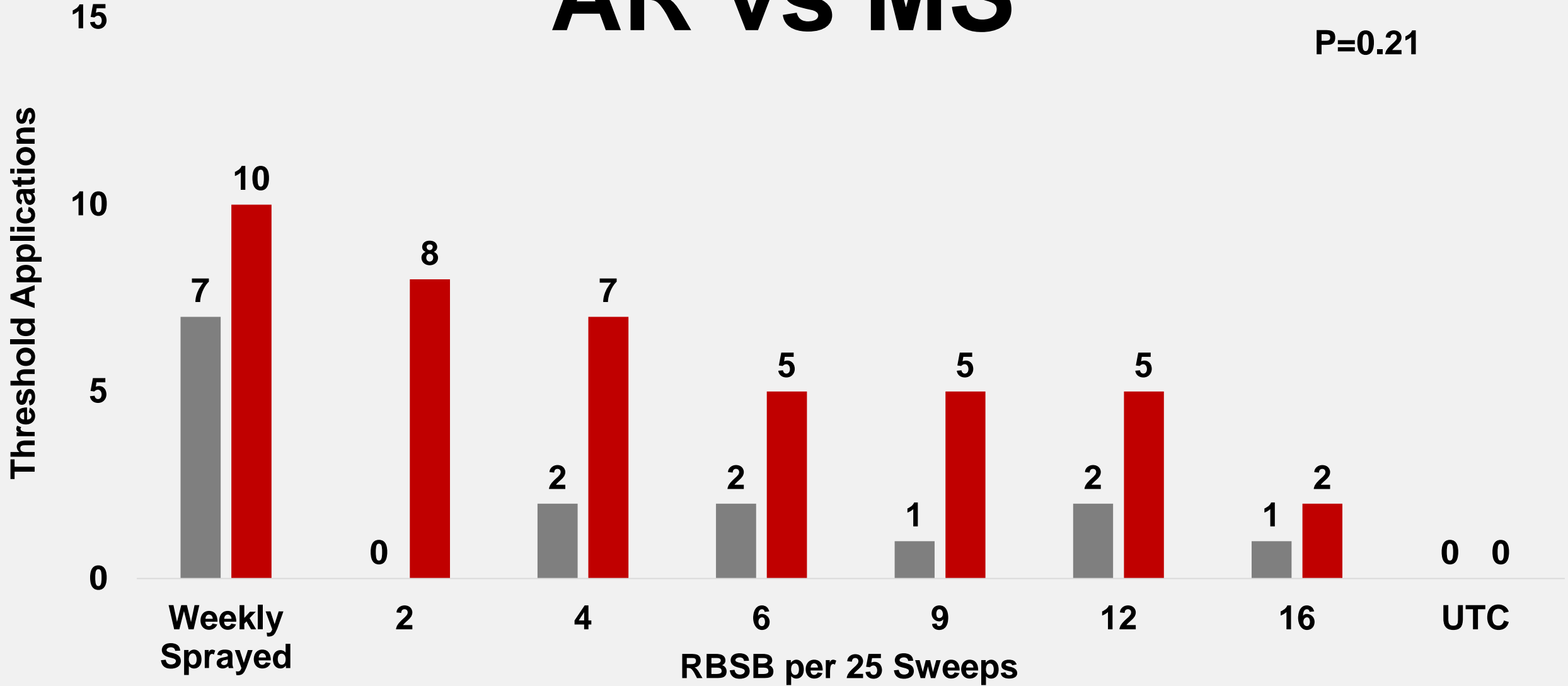
Threshold Studies

- **7 Treatments (Initiated at R3)**
 - **Weekly Sprayed (Bifenthrin 6.4 oz/a + Acephate 1 lb/a)**
 - **4/25 sweeps**
 - **6/25 sweeps**
 - **9/25 sweeps**
 - **12/25 sweeps**
 - **16/25 sweeps**
 - **UTC**
- **Sampled weekly**

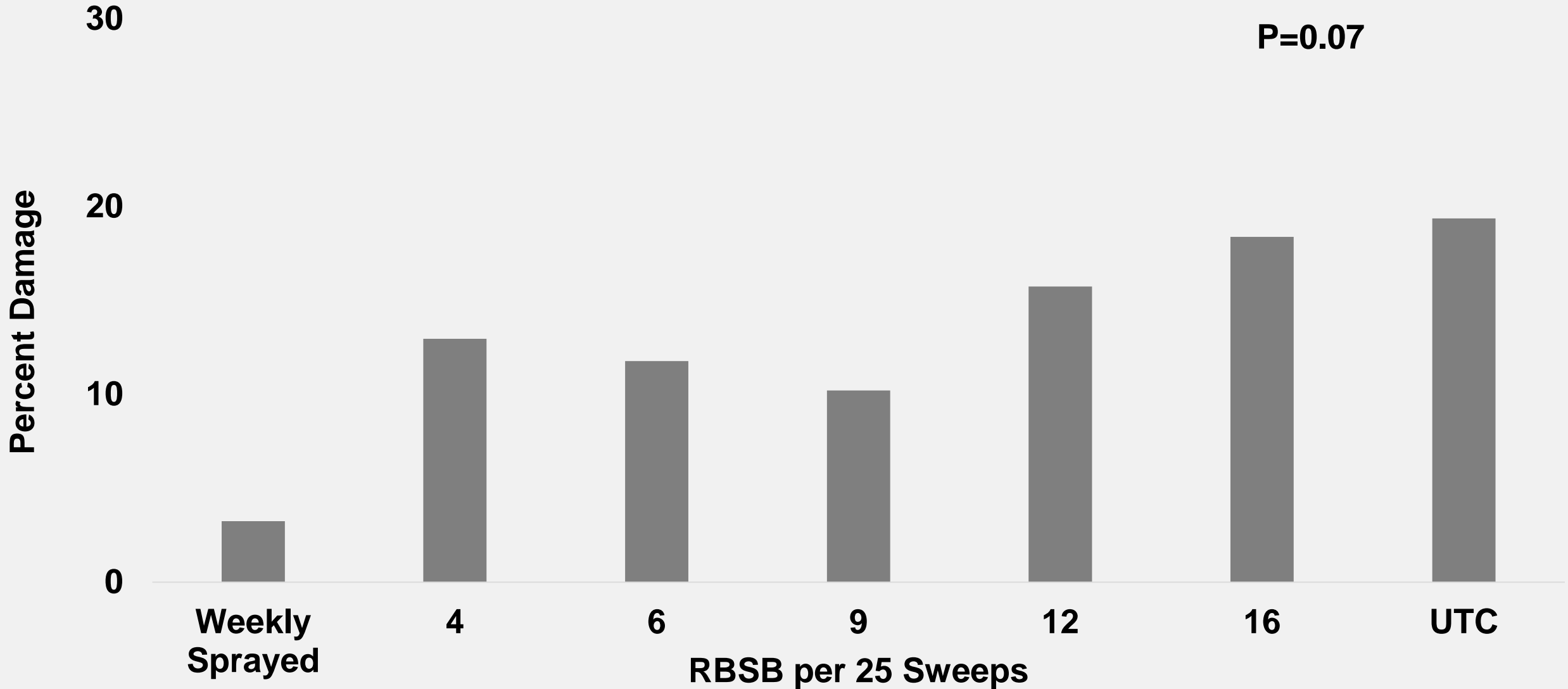


RBSB Occurrence AR vs MS

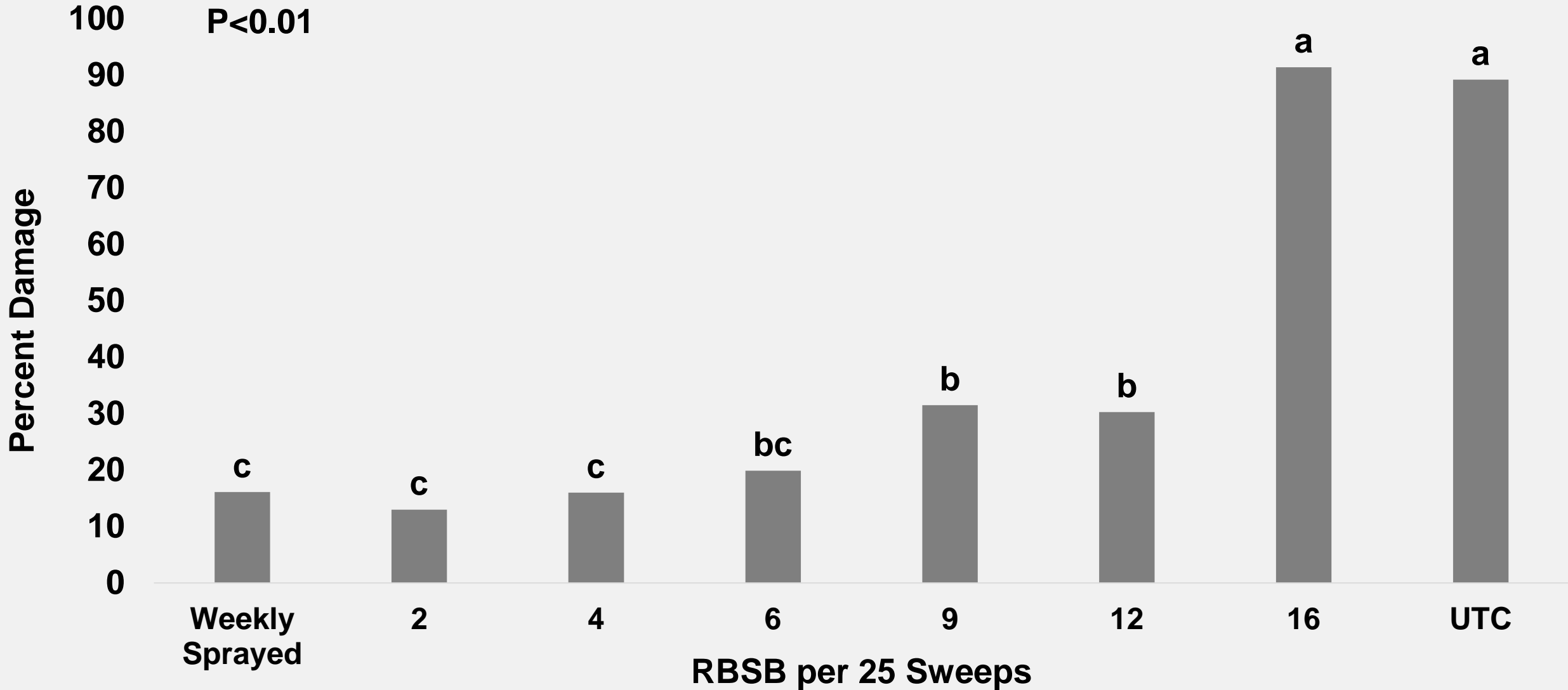
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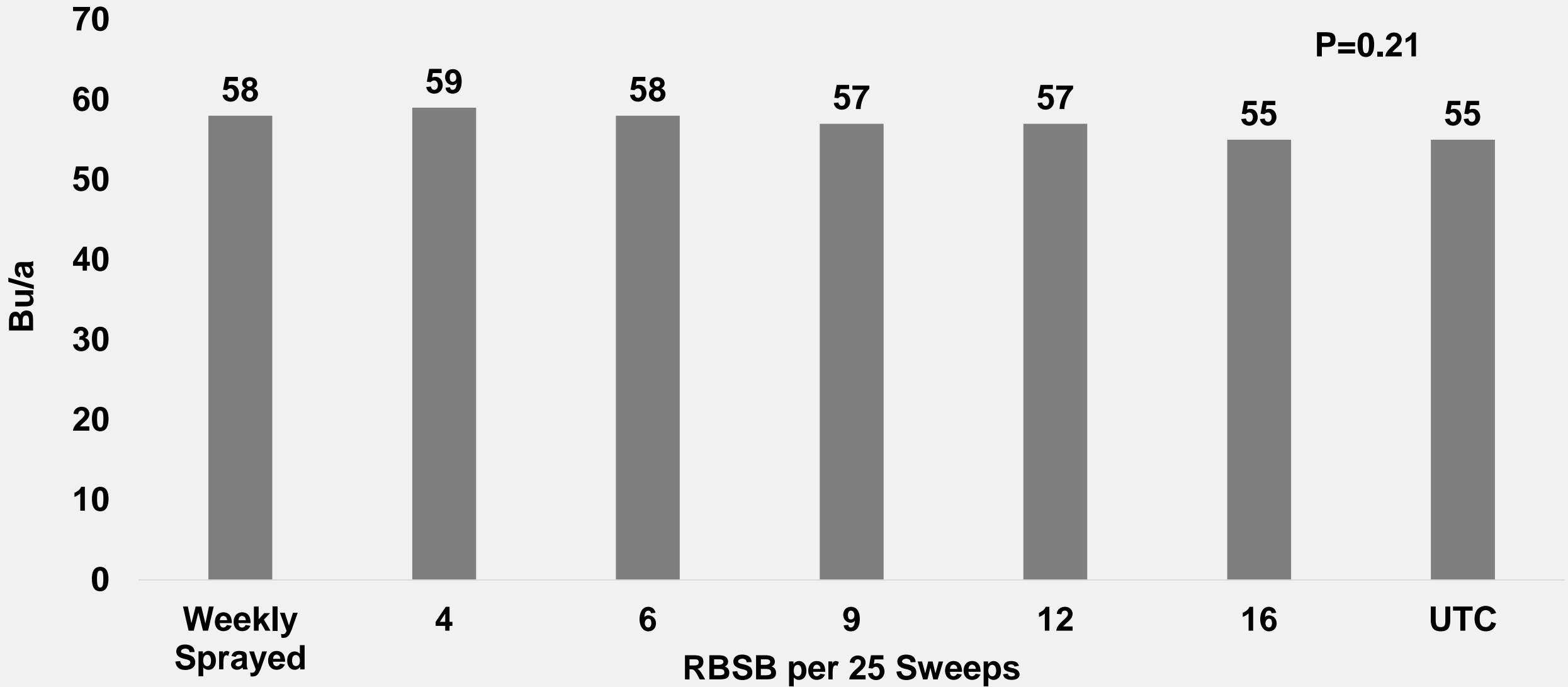
Stink Bug Damage - AR



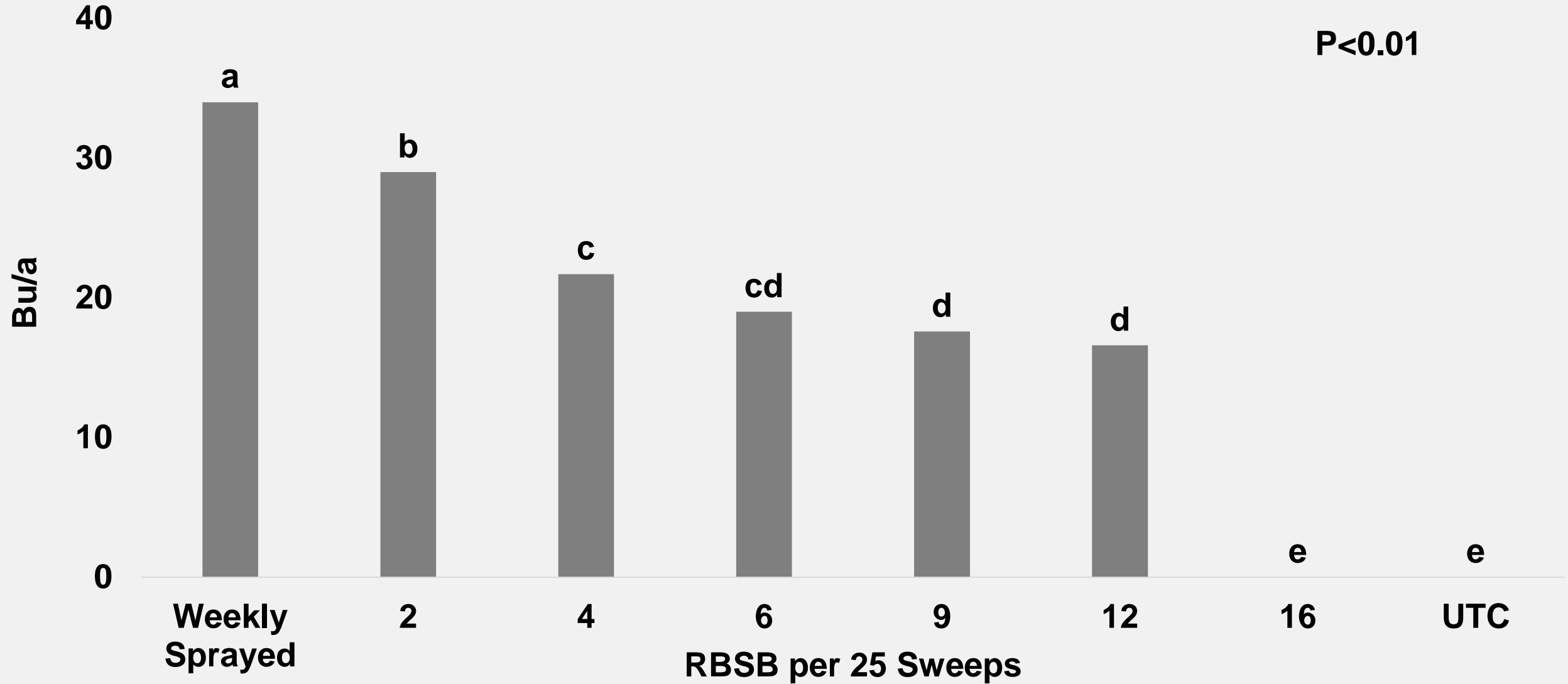
Stink Bug Damage - MS



Yield - AR



Yield - MS



Check



Weekly



2/25



4/25



6/25



9/25



12/25



16/25

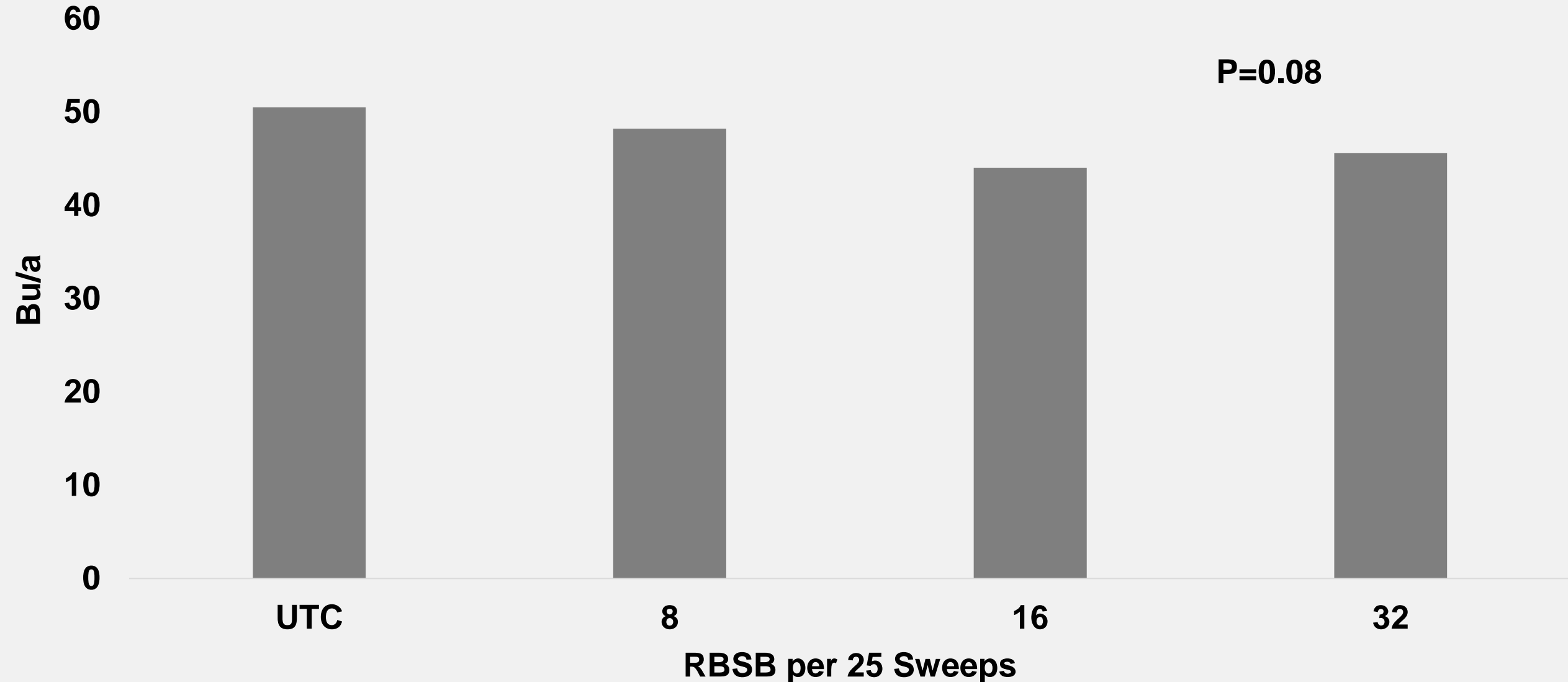


Termination Cage Studies

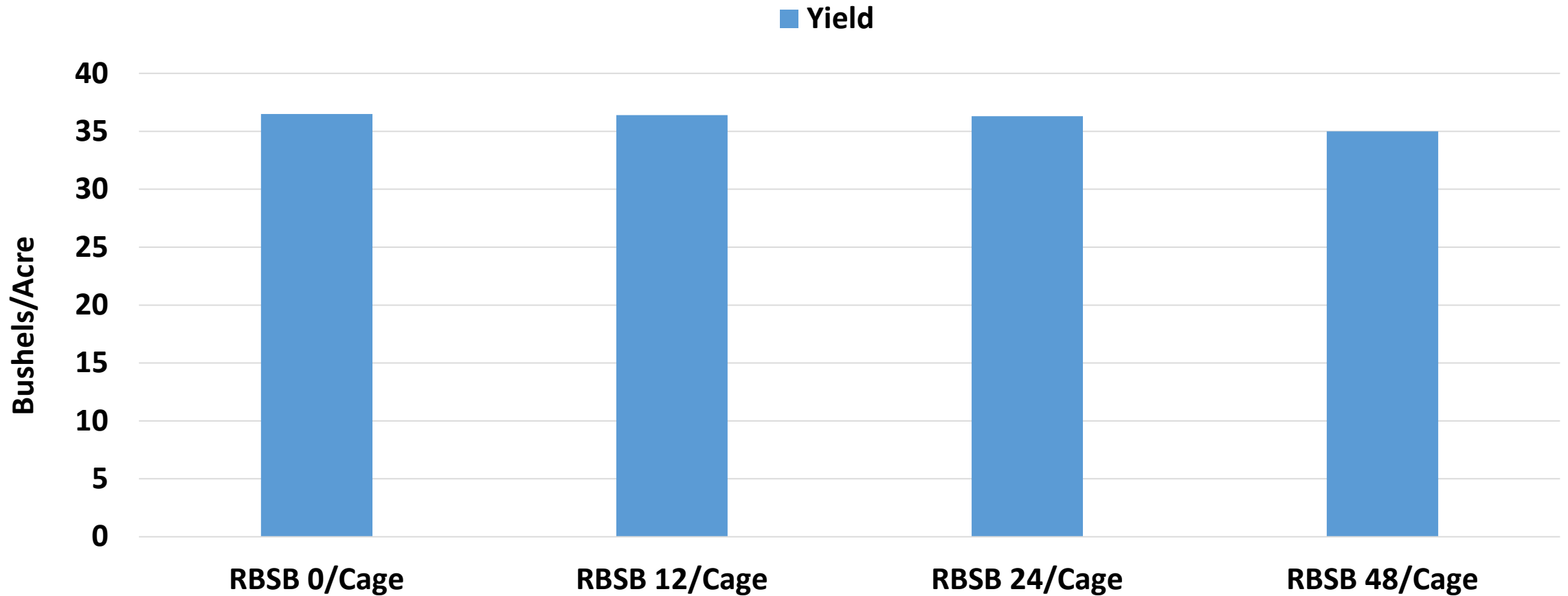
- **Multiple Infestation Levels**
 - 0
 - 2X Threshold (8/25)
 - 4X Threshold (16/25)
 - 8X Threshold (32/25)
- **Infestations initiated at R7 and R8**
 - Left until harvest



Yield R7 Infestations - AR

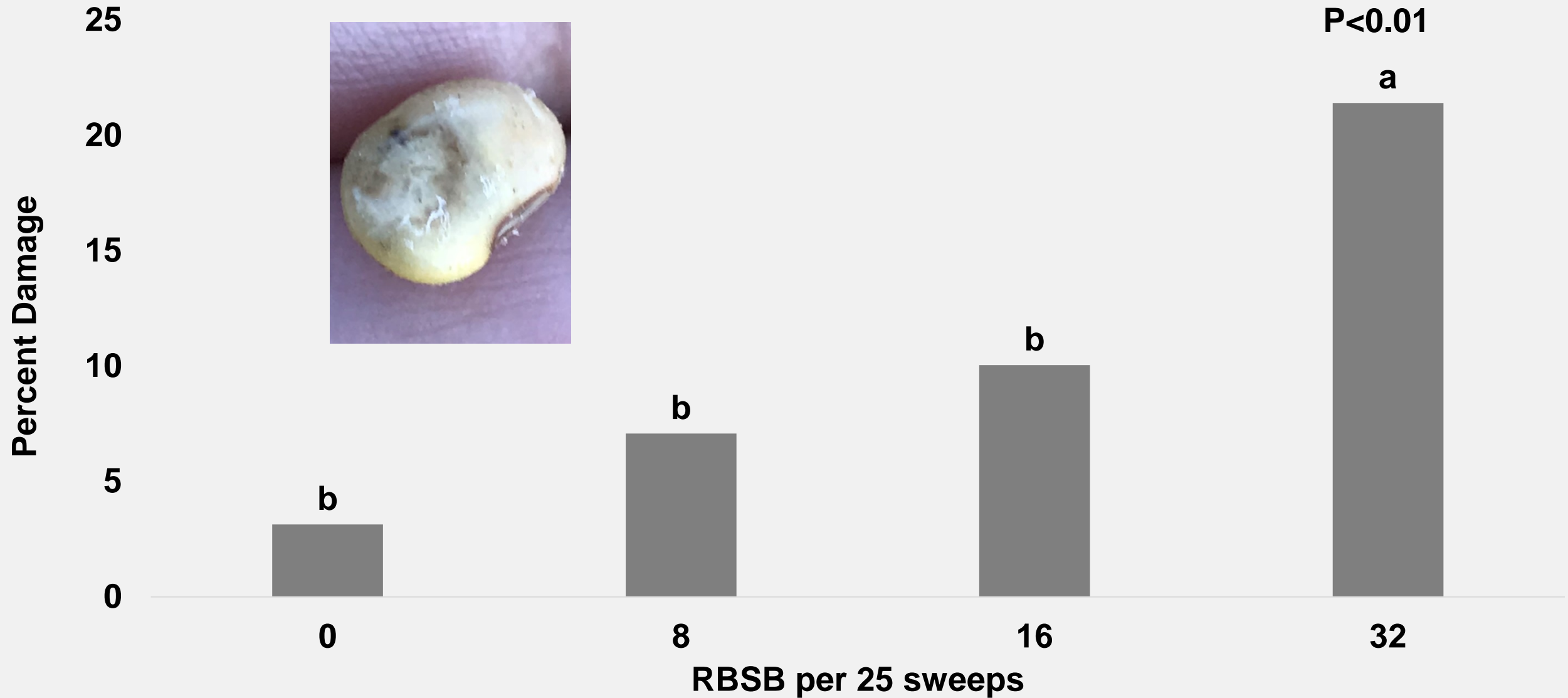


RBSB Cage Test at R7 - MS

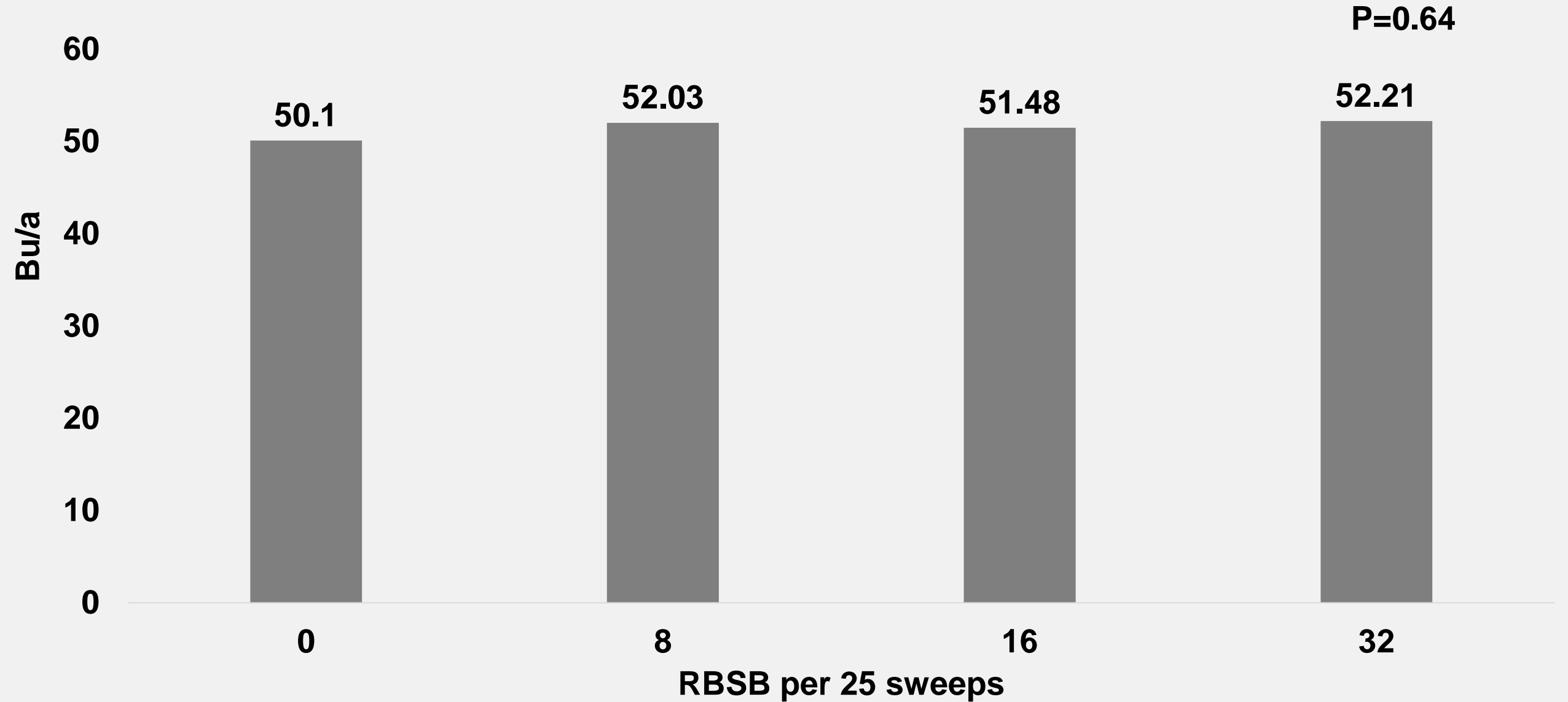


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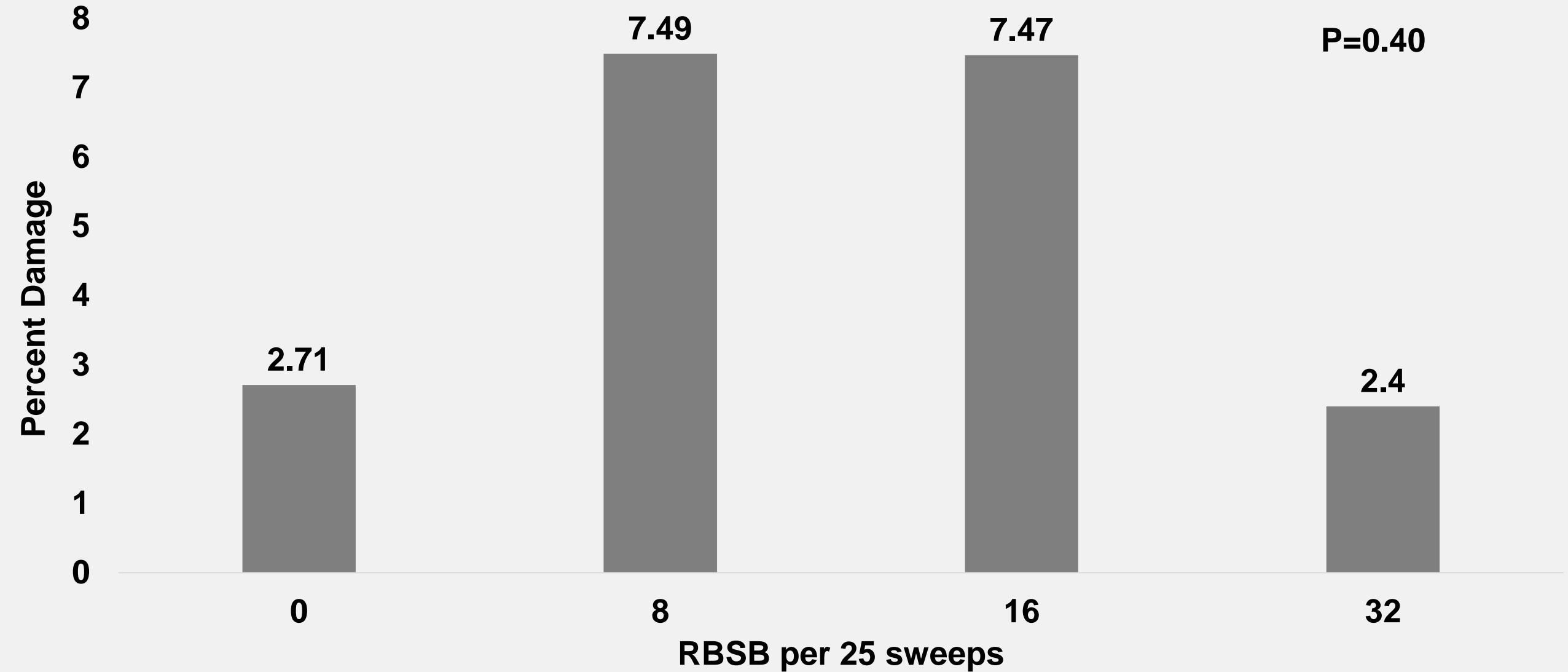
Stink Bug Damage at R7



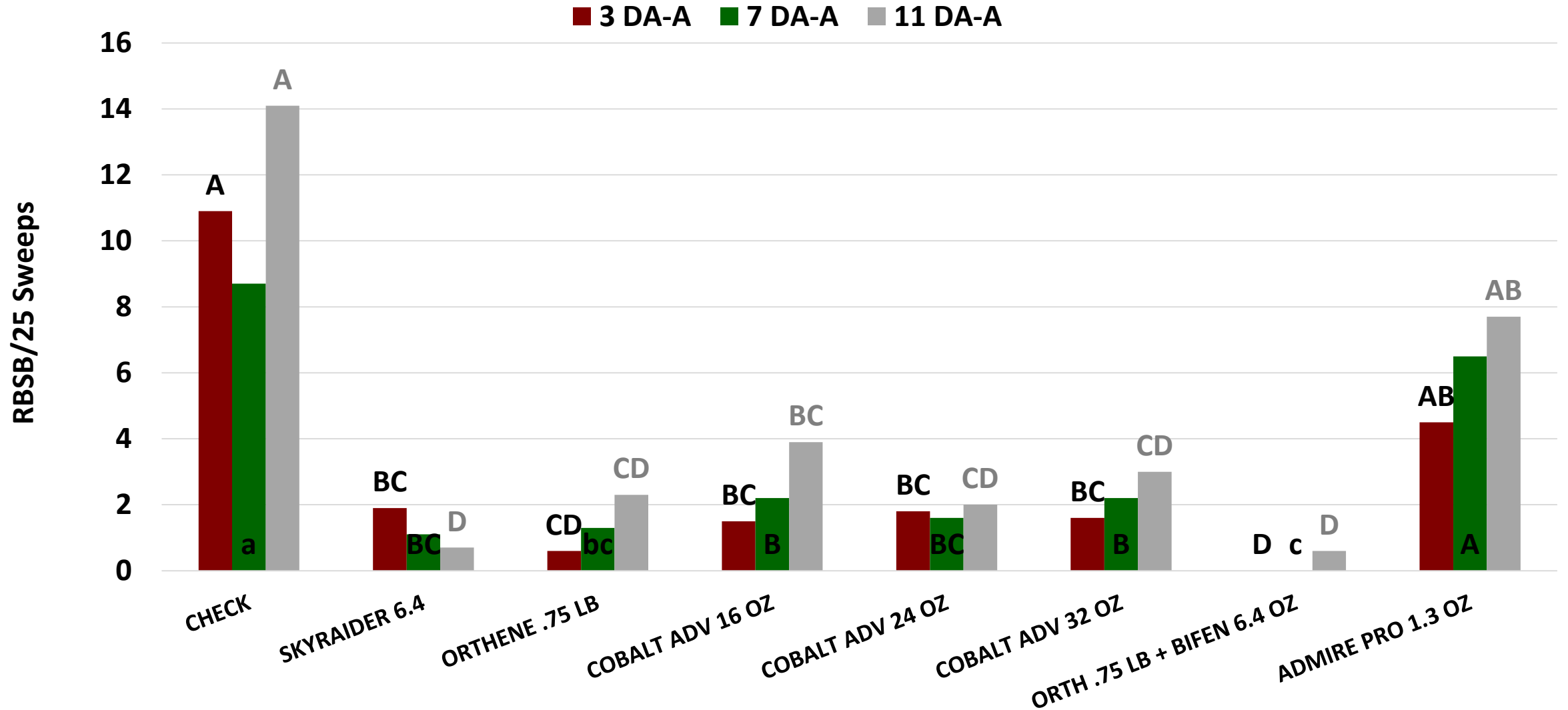
Yield R8 Infestations



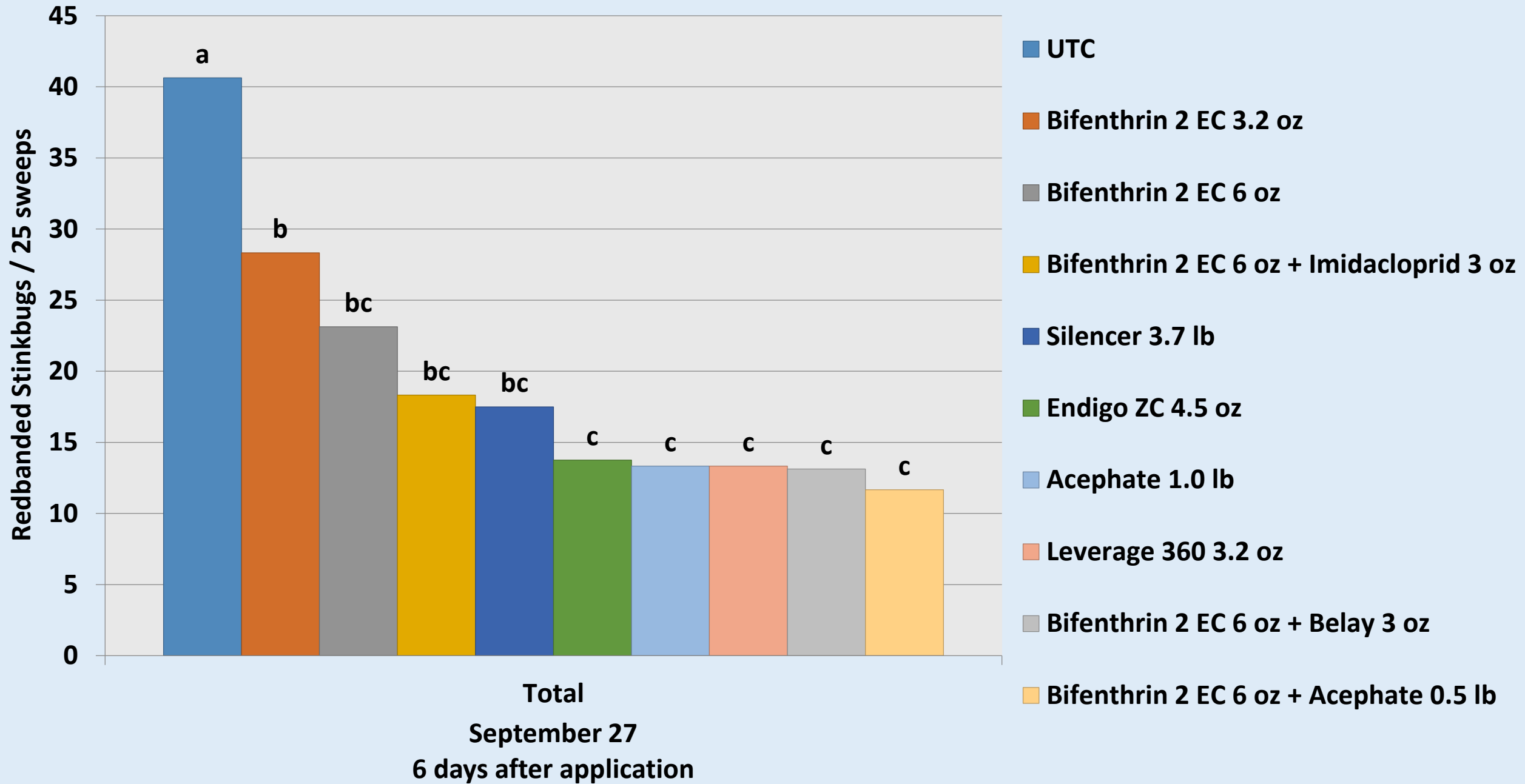
Stink Bug Damage at R8



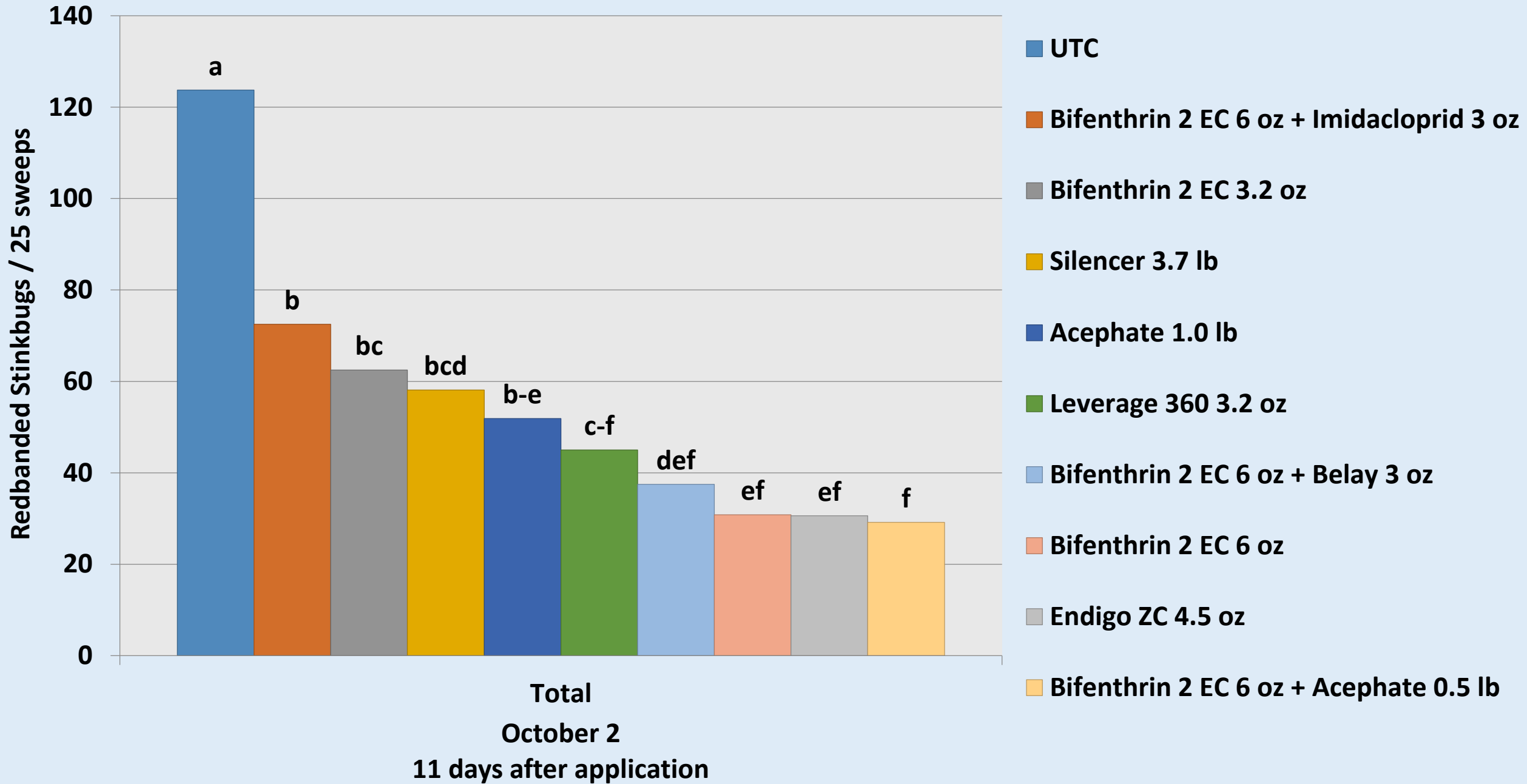
Redbanded Stink Bug Efficacy 2017 Canton, MS



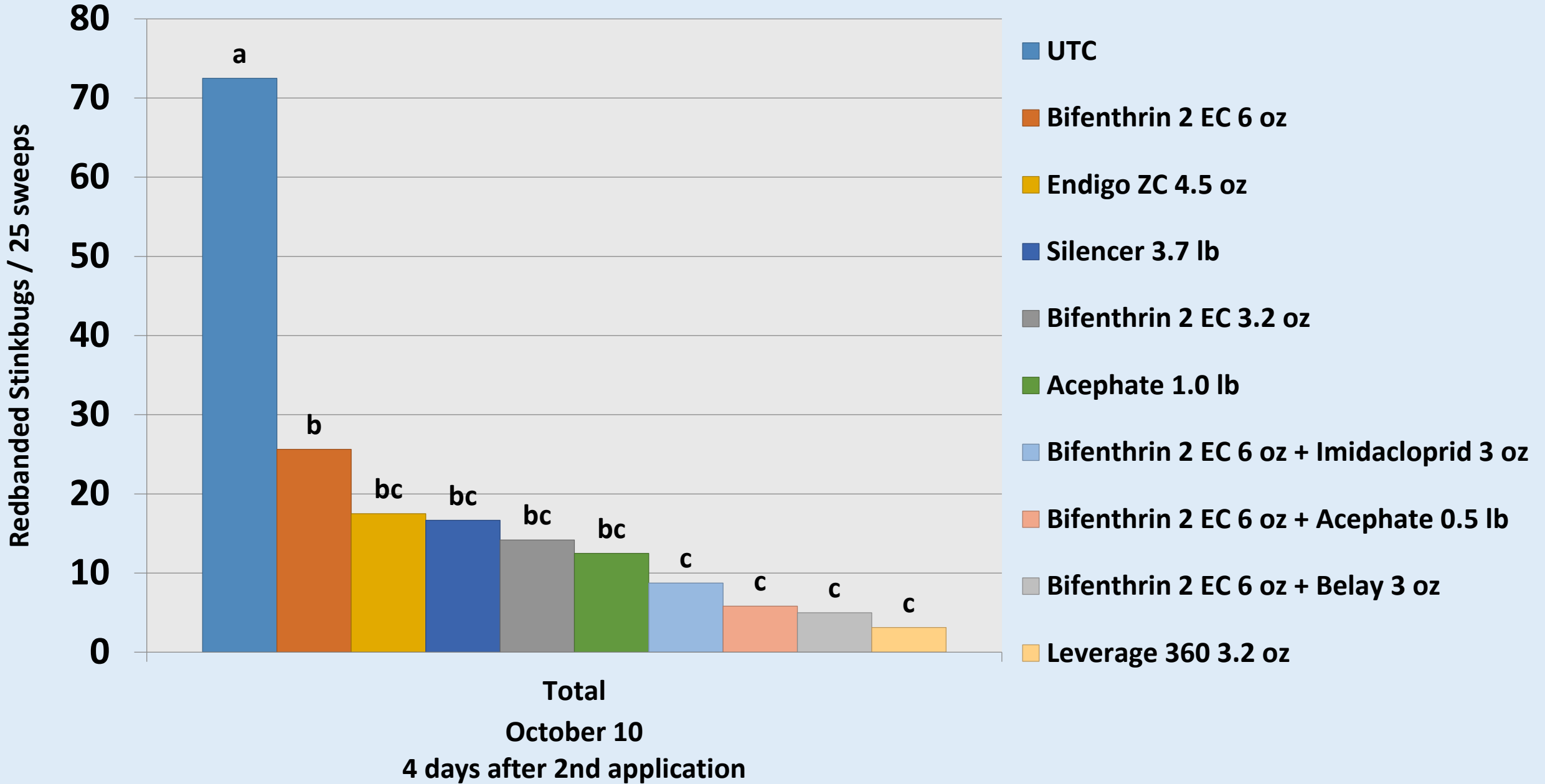
Efficacy of Selected Insecticides for Control of Redbanded Stinkbugs



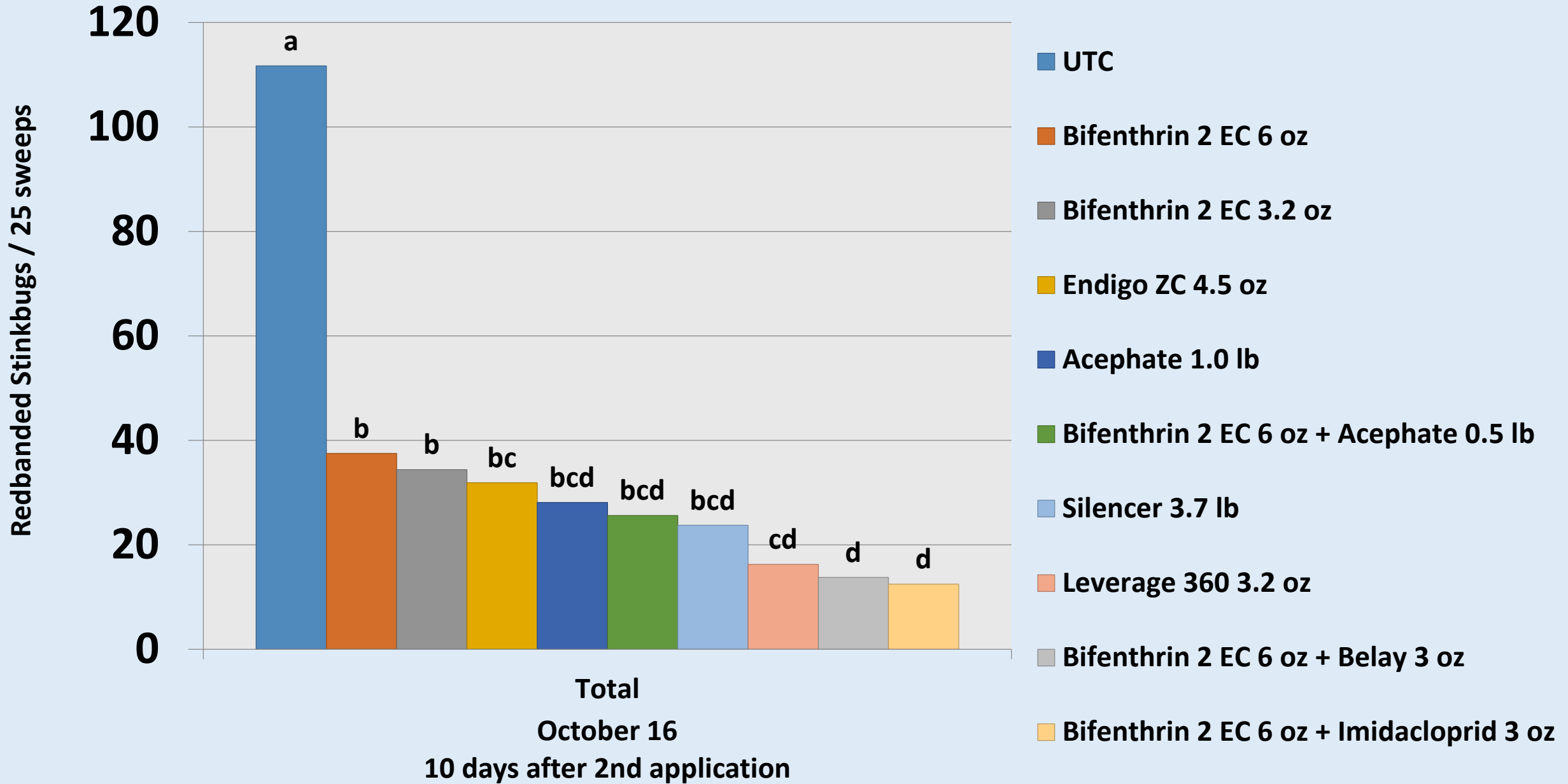
Efficacy of Selected Insecticides for Control of Redbanded Stinkbugs



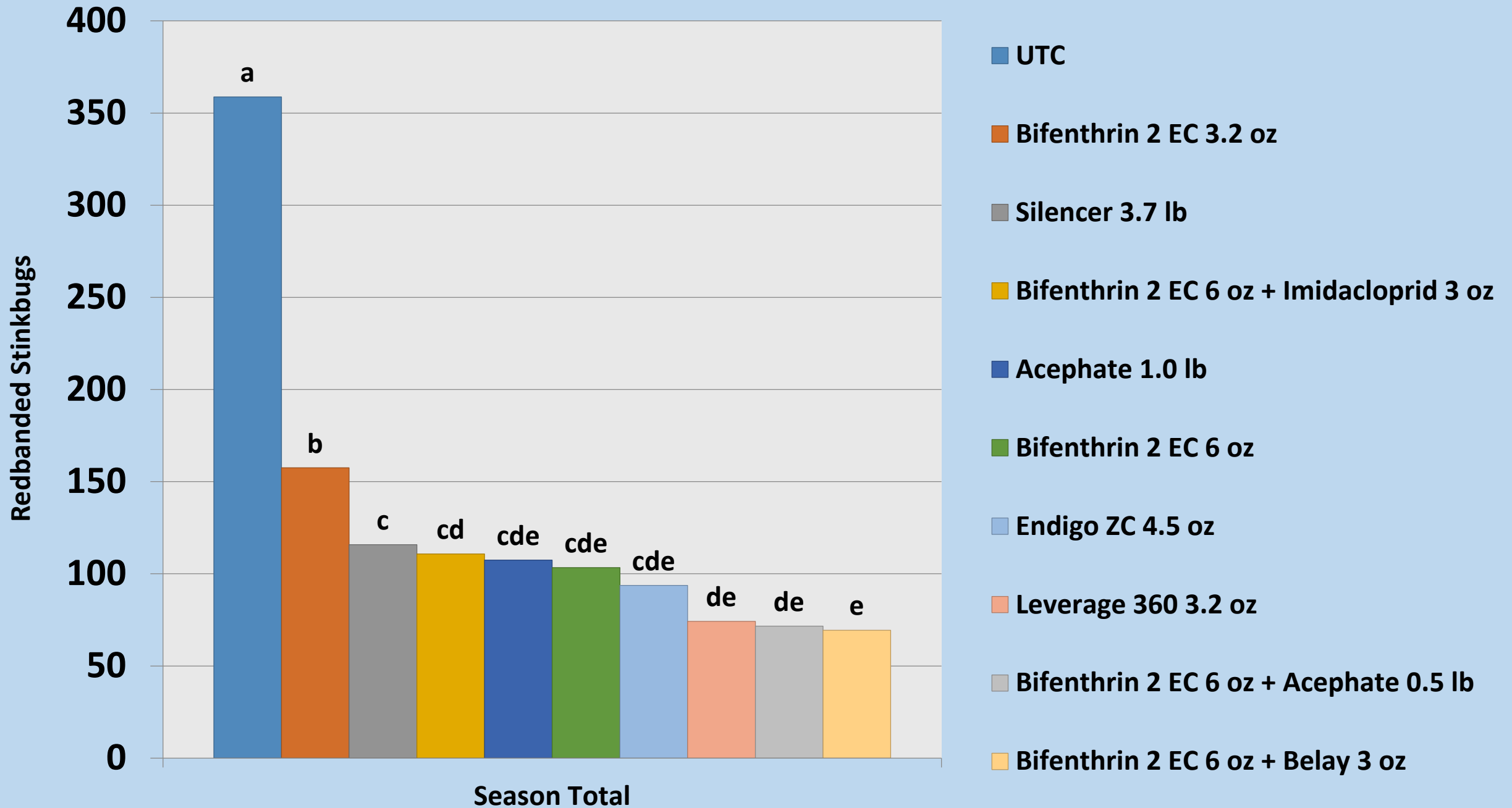
Efficacy of Selected Insecticides for Control of Redbanded Stinkbugs



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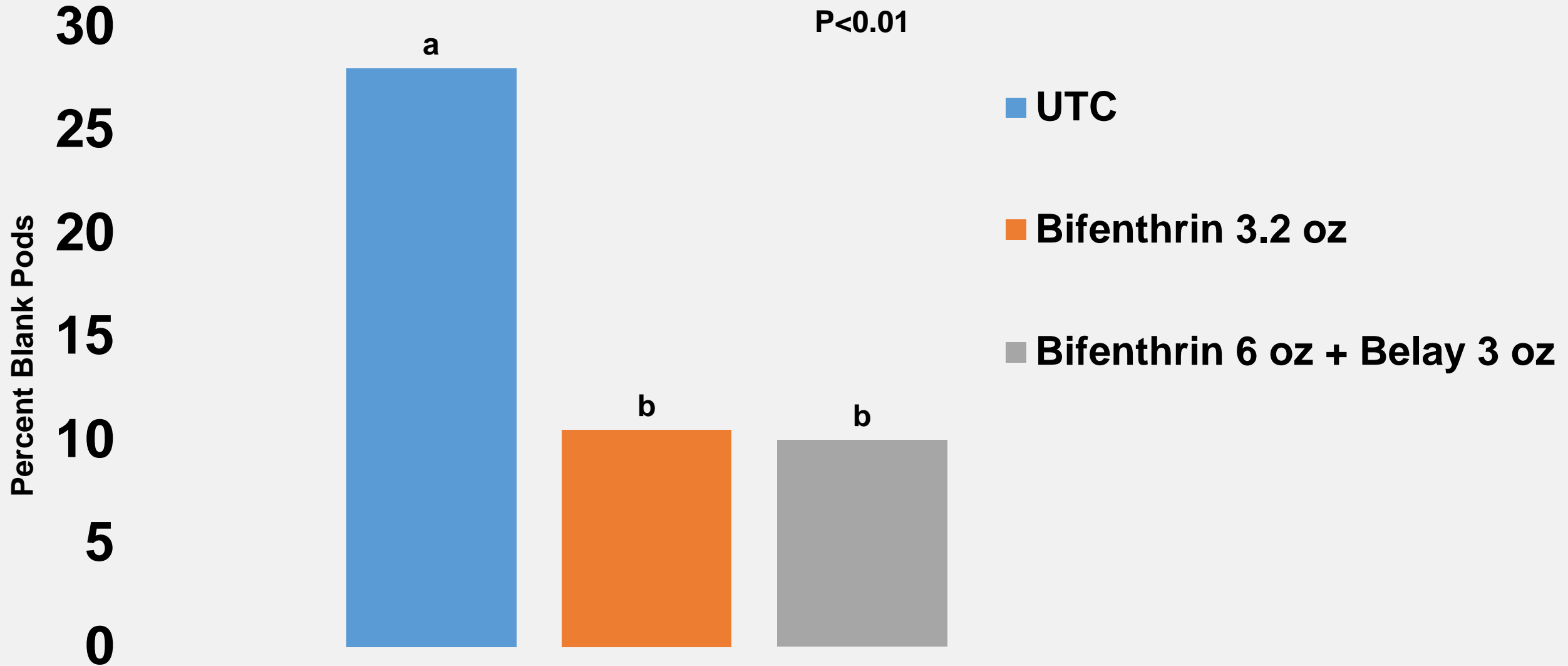
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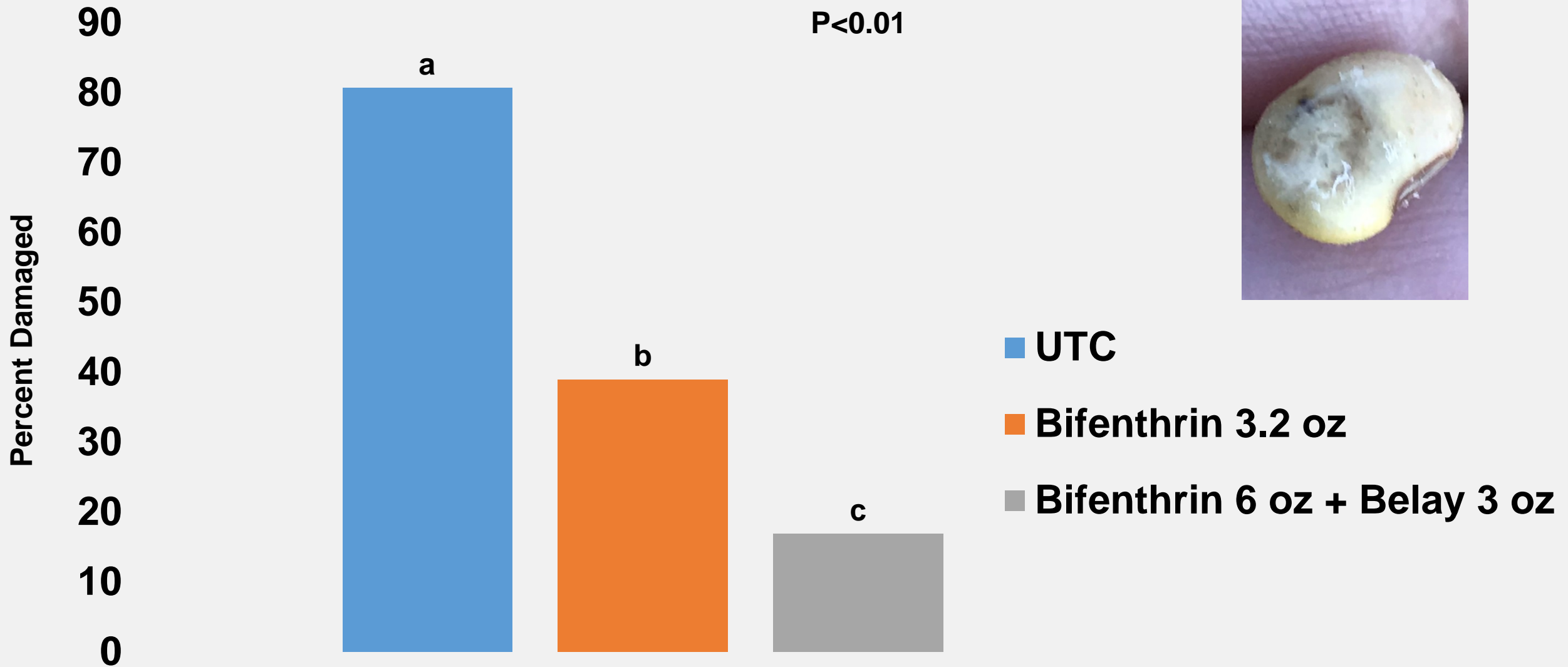




Blank Pods



Stink Bug Damage

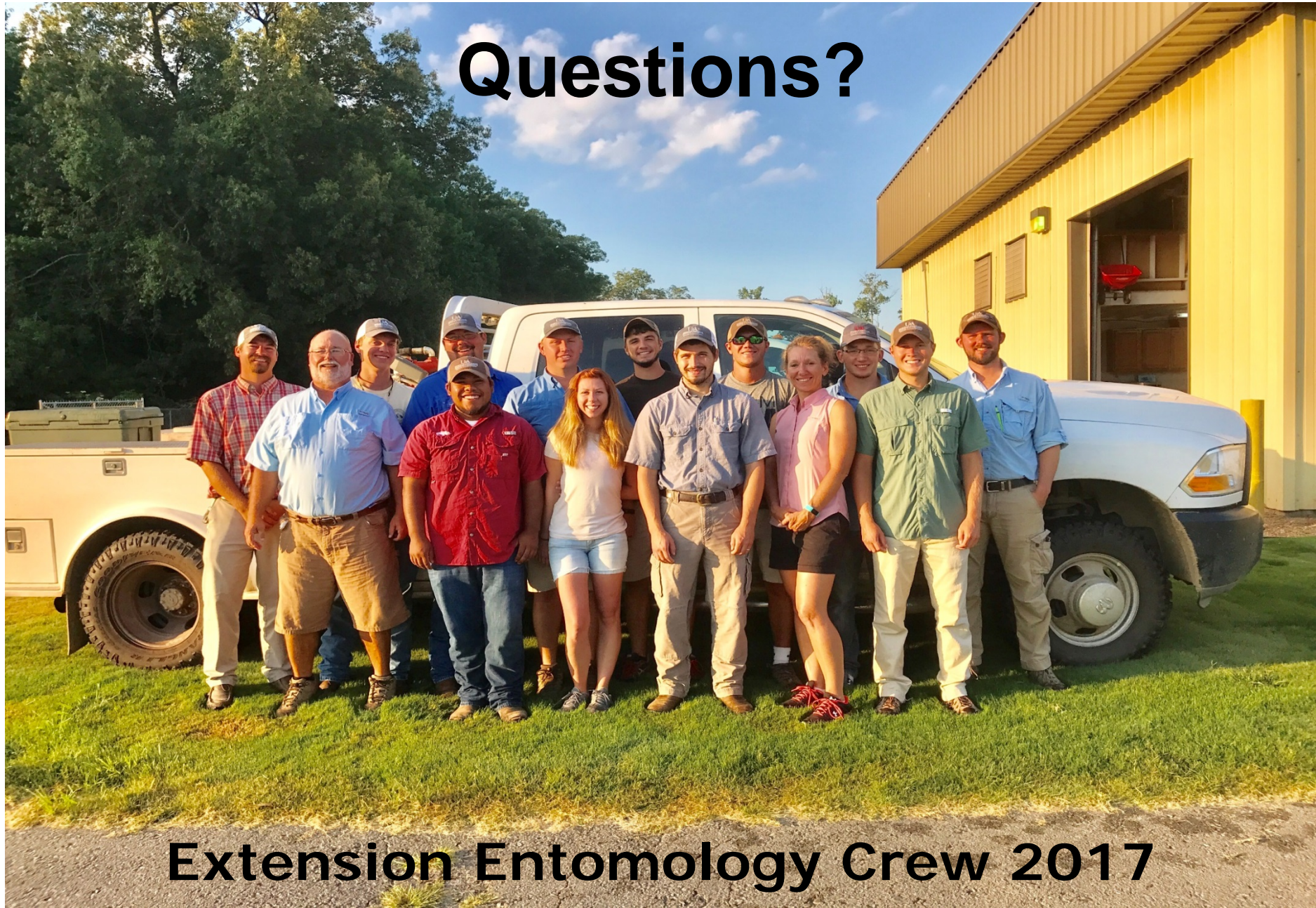


Conclusions

- **High populations = Yield/Quality loss**
 - Must be reactive
 - R5 is the key
 - Delayed maturity
- **No yield loss was observed at R7/R8**
 - Possibility of RBSB making it to the elevator
- **Dual MOA are most effective**
- **We still have a lot to learn**



Questions?



Extension Entomology Crew 2017