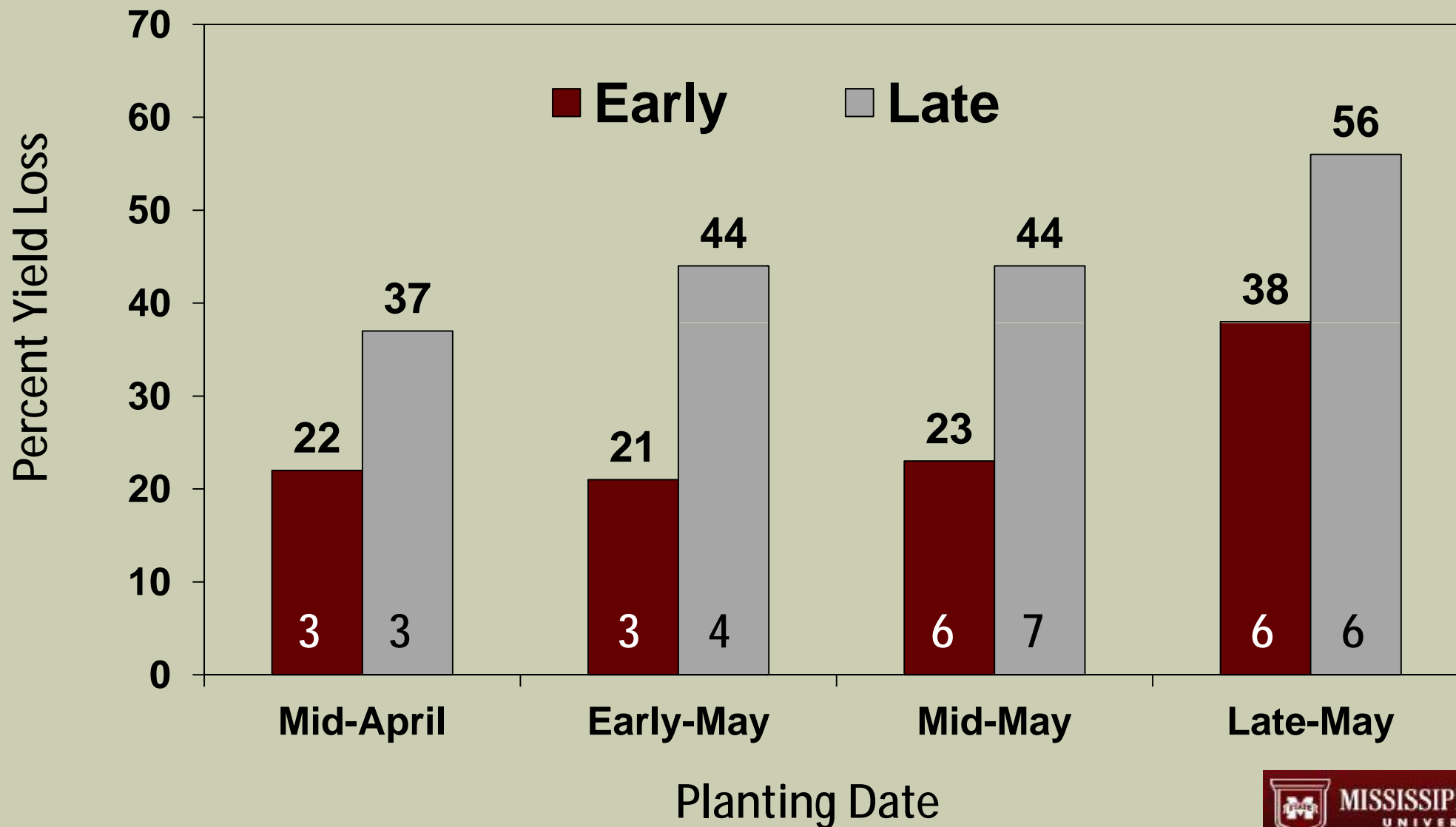


Cotton Insect Pest Control Issues

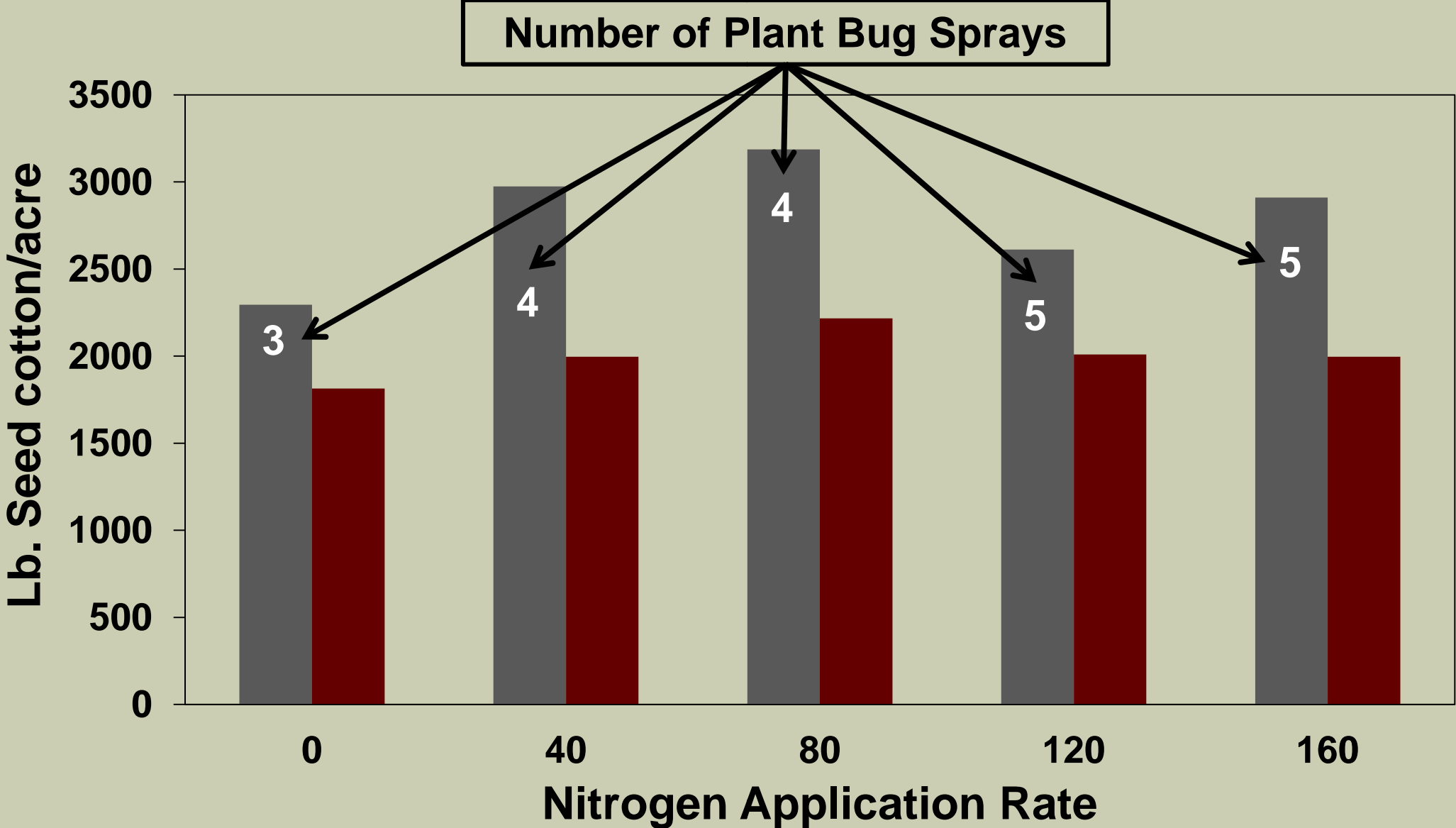


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Impact of Planting Date and Varietal Maturity



Impact of N Rate on TPB Management

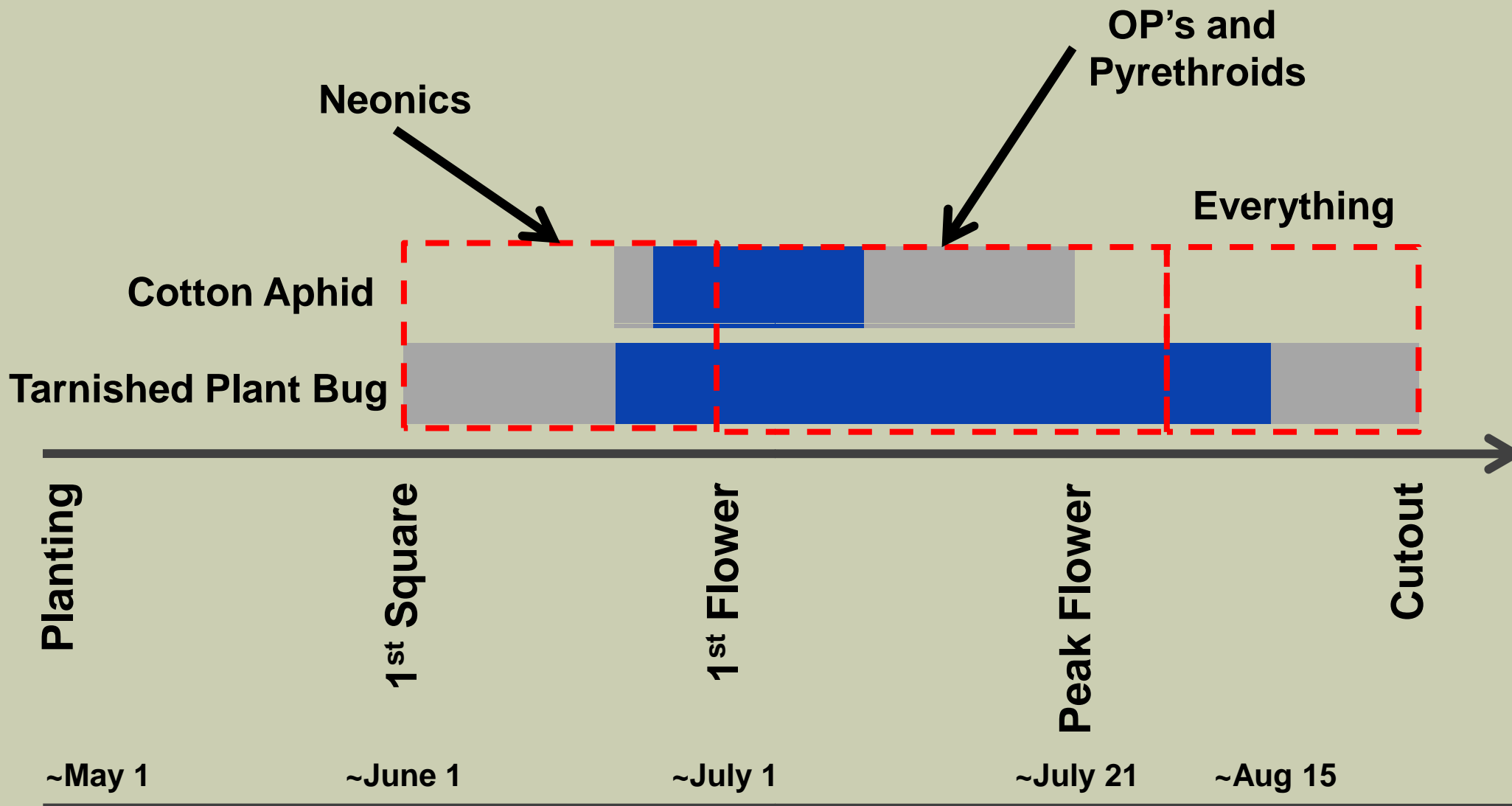


Other Factors that Impact Earliness

- Seeding Rate
- Thrips Management
- Disease Management
- Weed Management
- PGR's

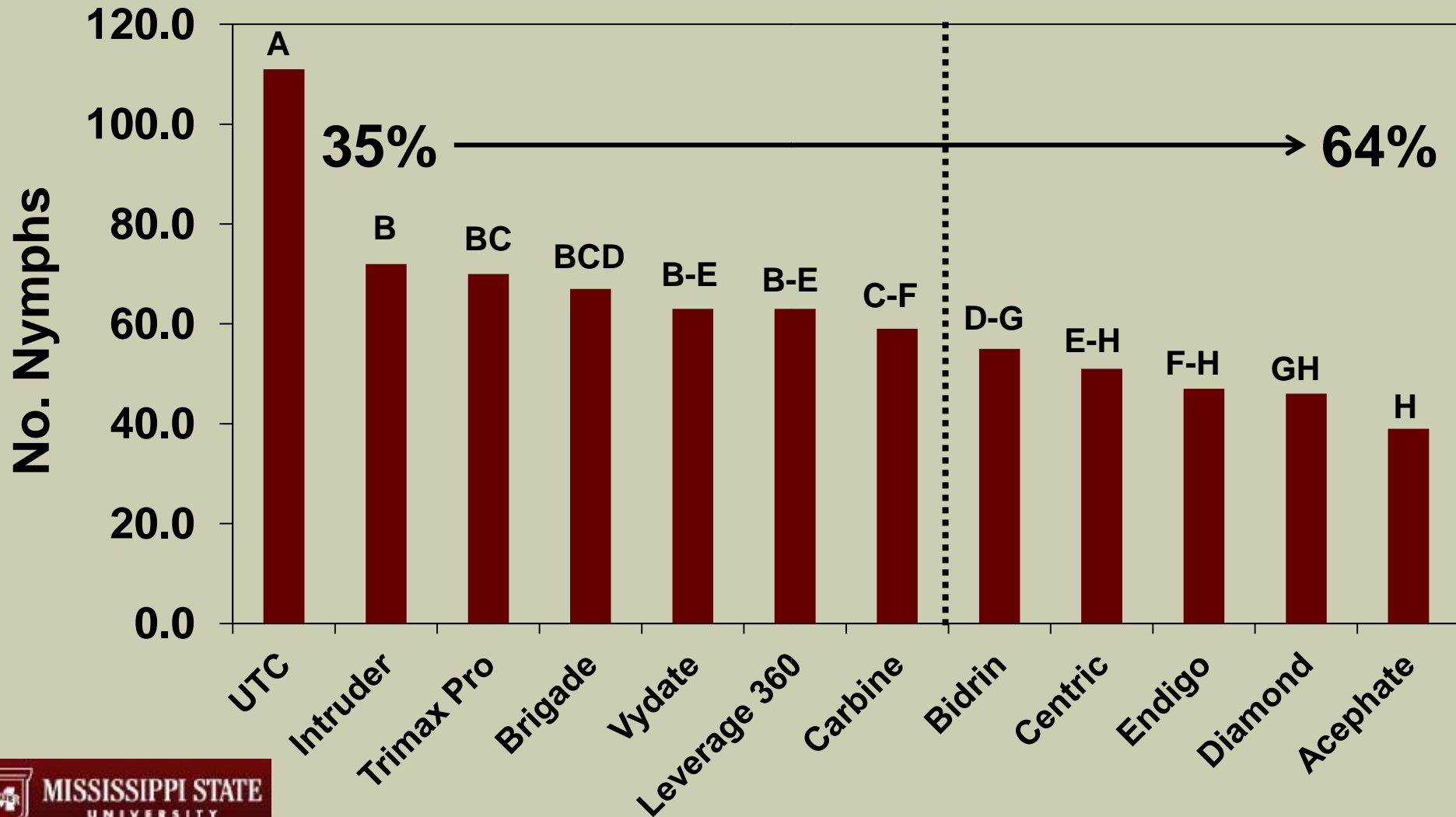


Insecticide Application Timings

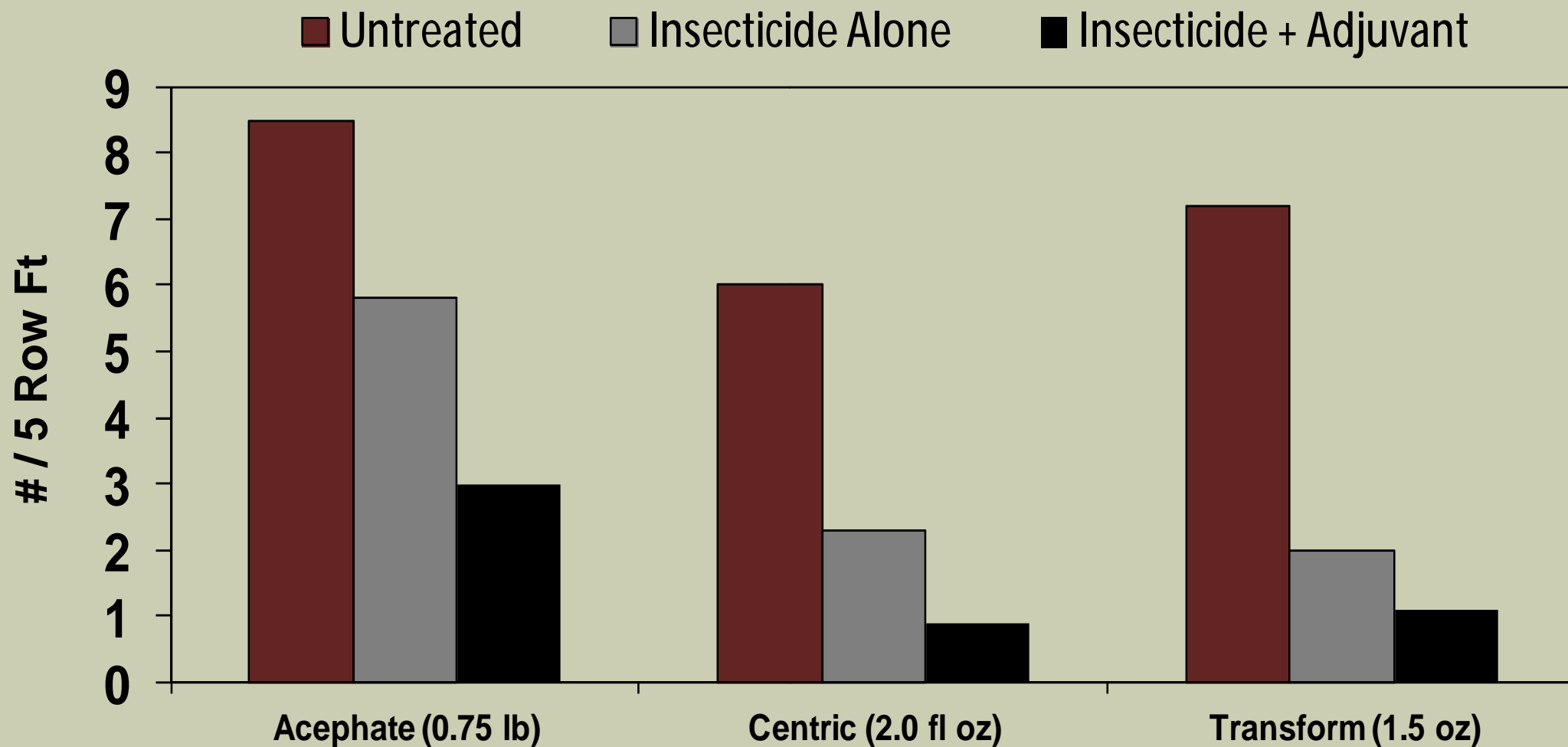


Regional TPB Trial

All Locations - Season Total

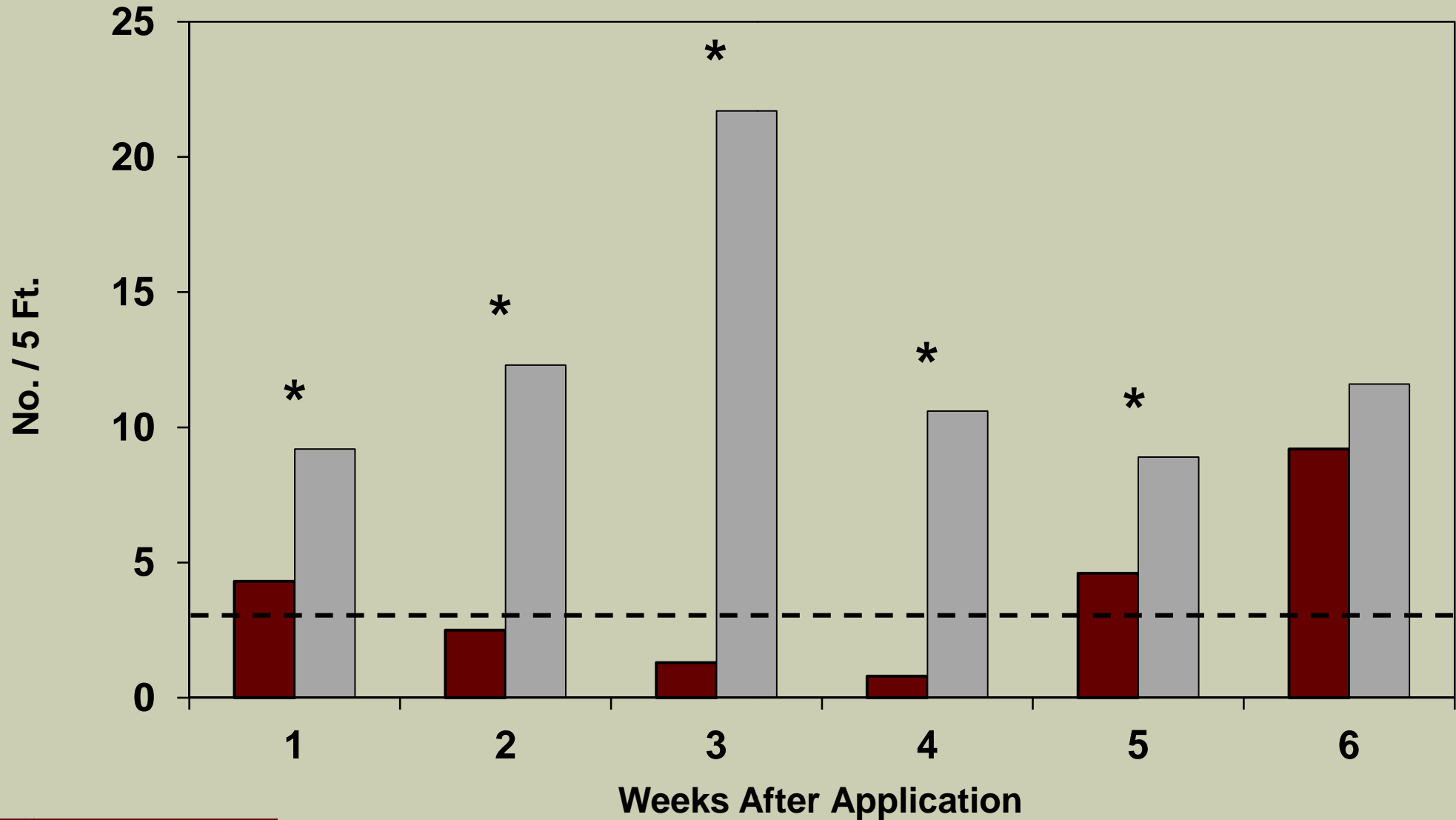


Impact of Adjuvants on Rainfastness

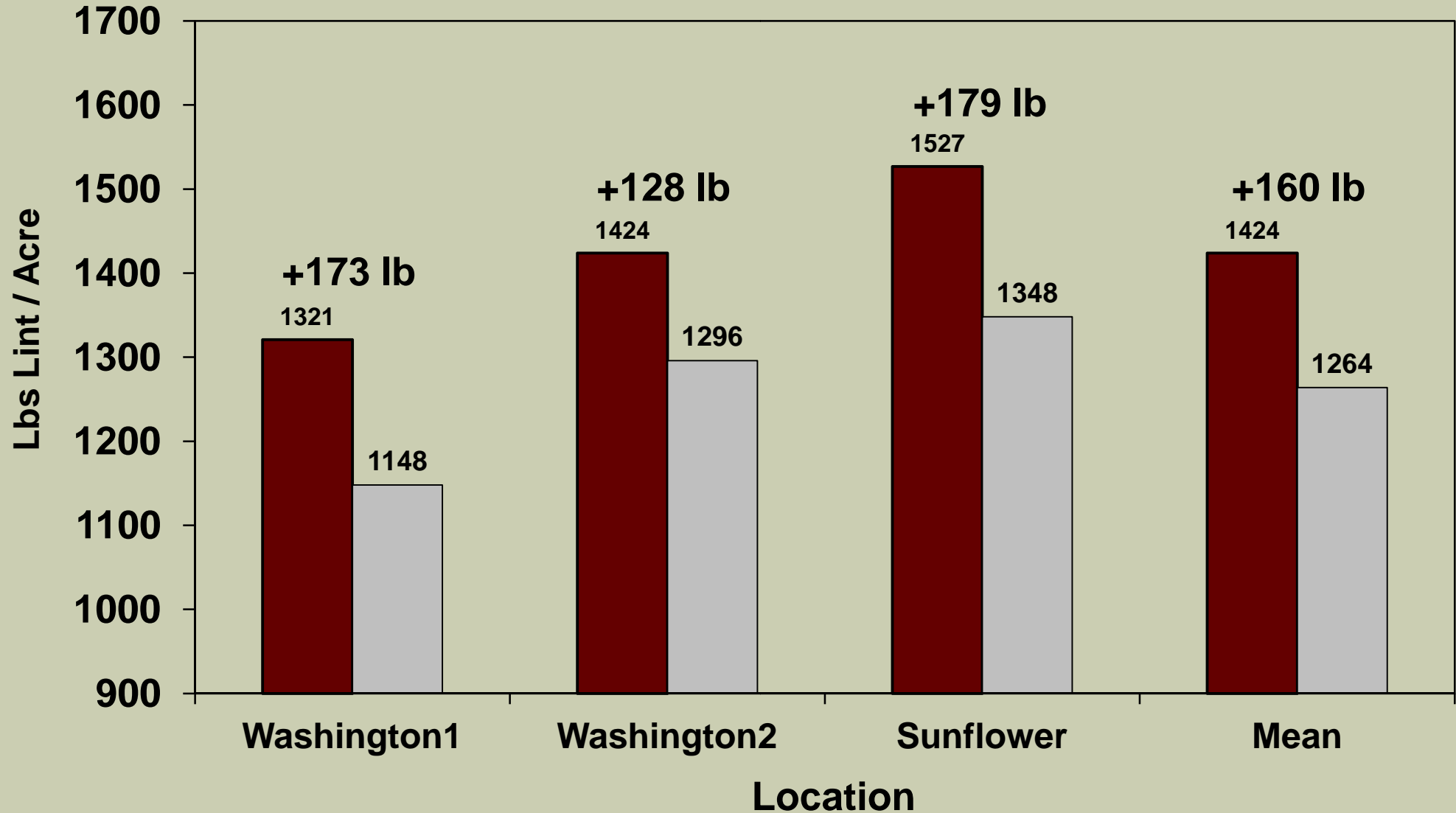


Plots sprayed 2.5 to 3 hours before 1.1 inches of rain.

Large Block Evaluation of Diamond - 2010

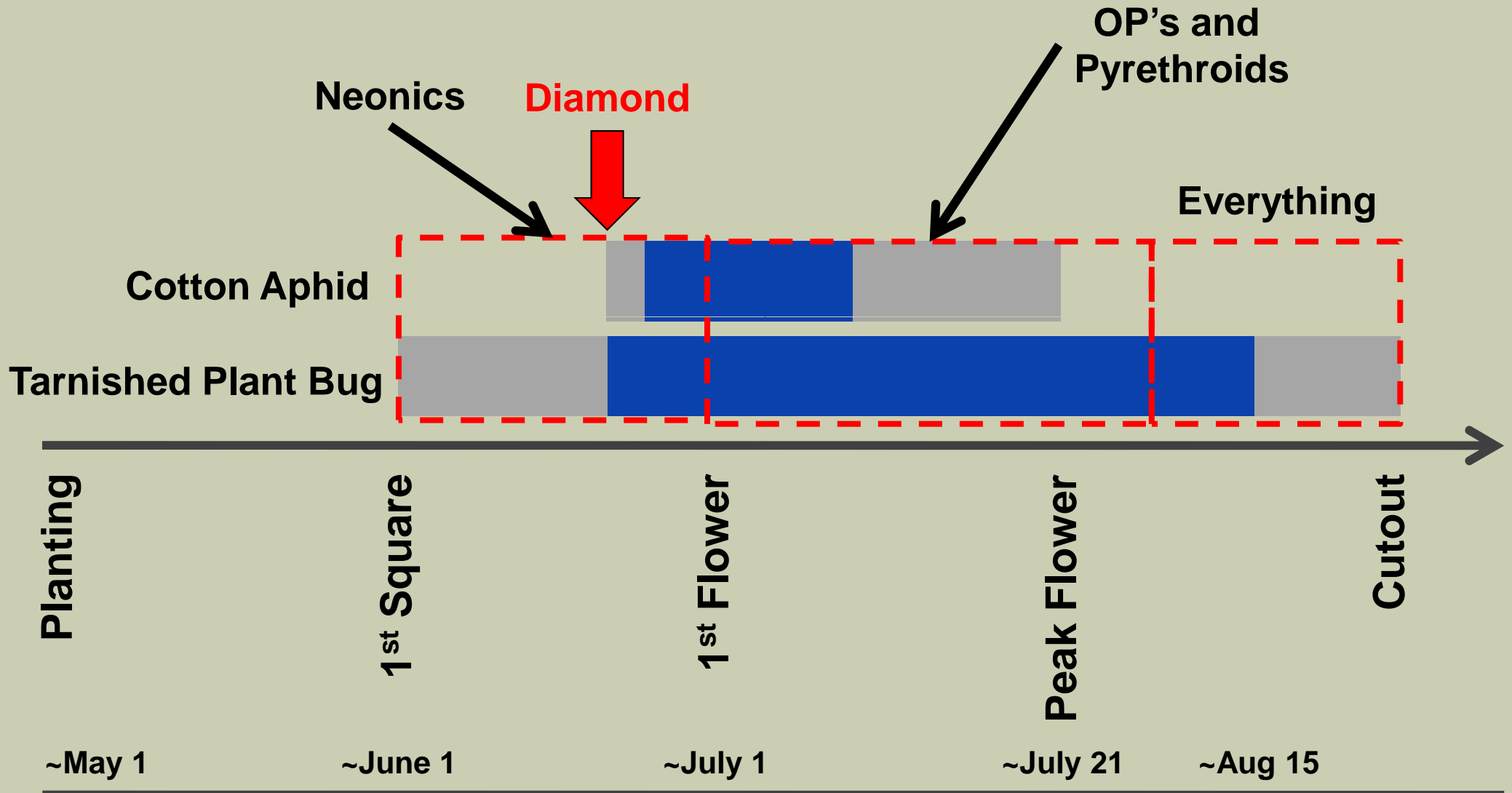


Large Block Evaluation of Diamond - 2010



Split growers fields (3 total), Diamond applied approx. 3rd week of squaring

Insecticide Application Timings



- **Dow AgroSciences**
- **Sulfoxaflor**
- **50% WG**
- **Cotton**
- **0.75-2.88 oz/A**
- **True Bugs:**
 - cotton aphid
 - tarnished plant bug



Transform is not labeled at this time

Transform 50 WG

- **Section 18 granted for 2012 in the Delta counties to control tarnished plant bug**
- **Section 3 registration expected soon**
- **Public comment period just ended (February 12, 2013)**



Comments on EPA Website

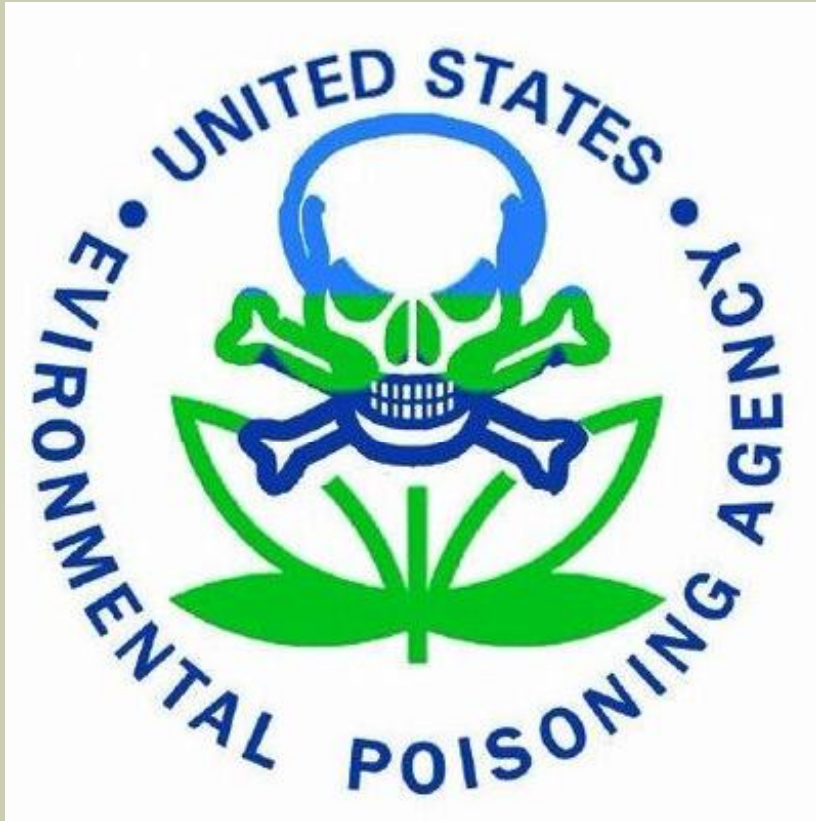
“Do not approve Sulfoxaflor. Do not decimate further the bee populations in the US. **The madness of continual dumping of these toxic chemicals in our environment must stop. It is time to restore, time to stop destroying and poisoning.”**

Please read before approving this Bee Killing Poison: **“We’re facing the extinction of a species.”**

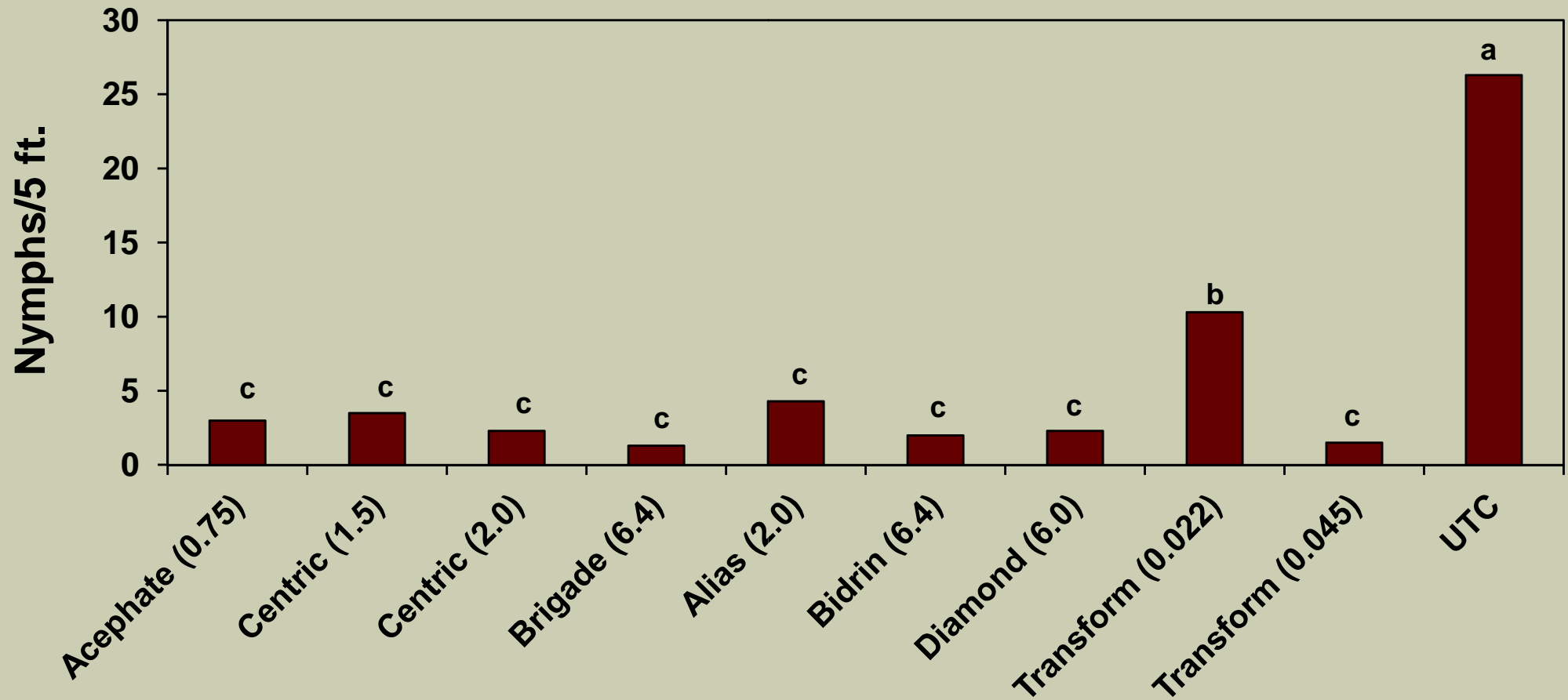
**JUMP ON THE
BANDWAGON!**







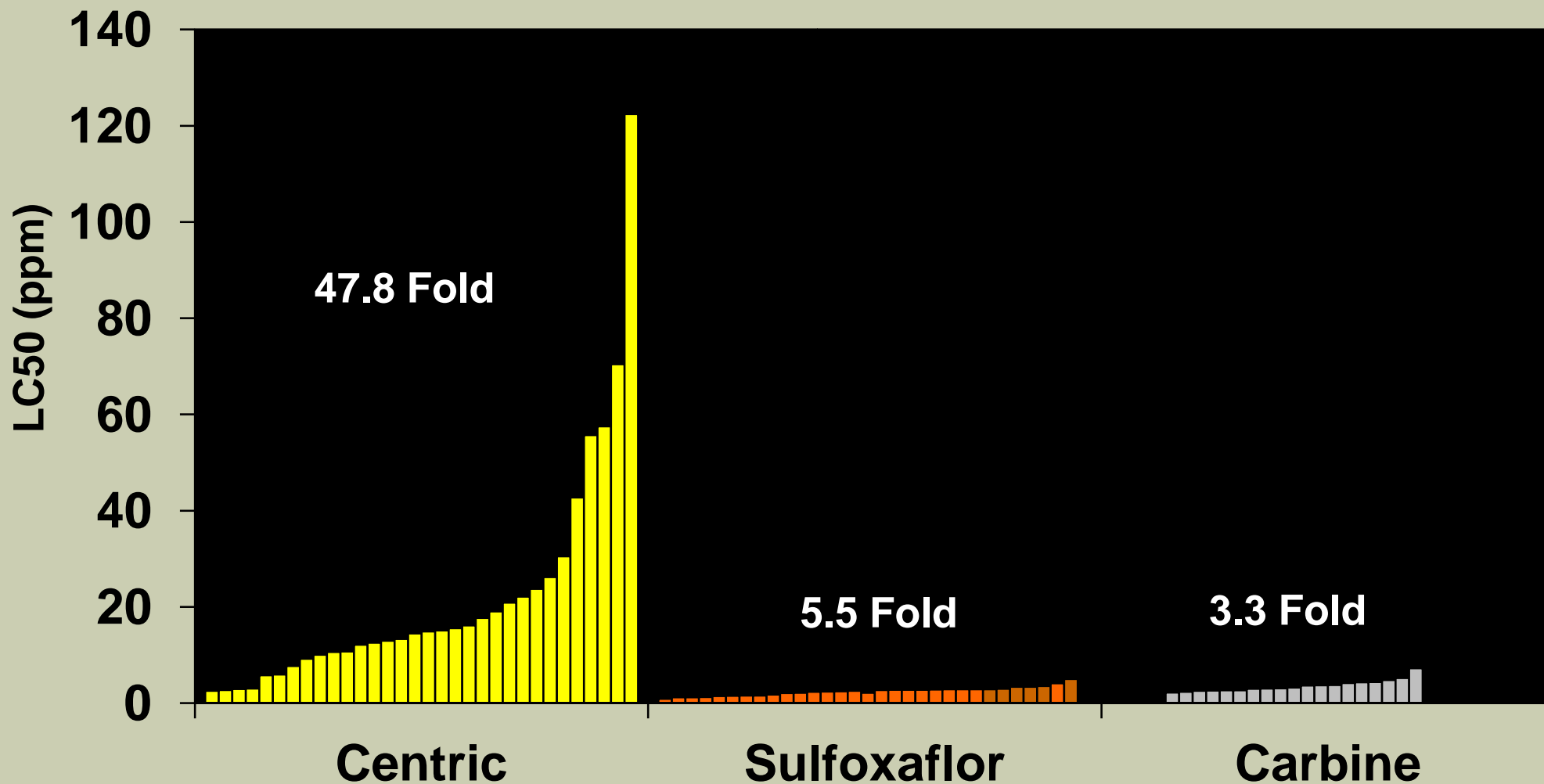
Tarnished Plant Bug Management with Transform 7 Days After Application



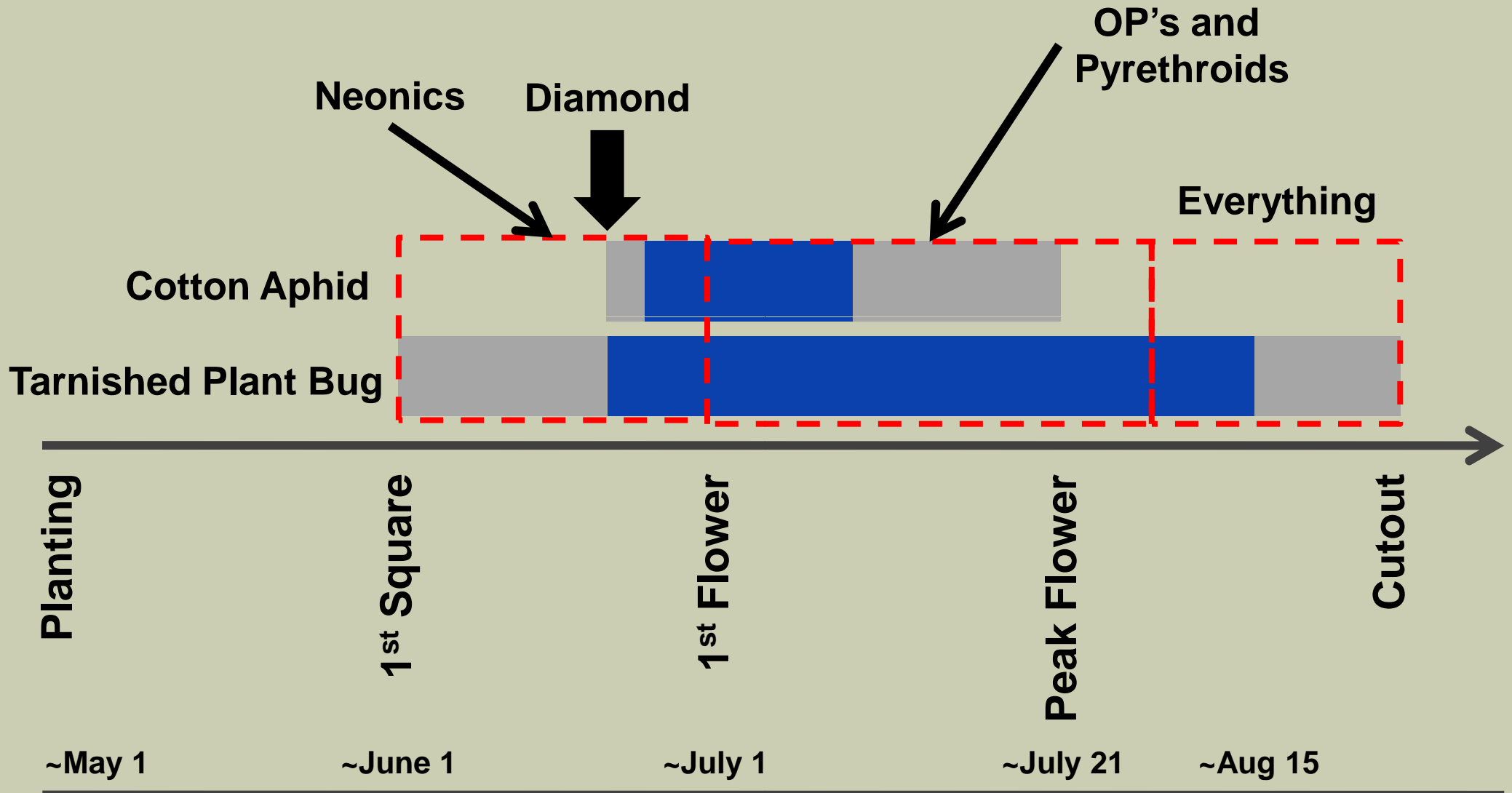
+ Transform at 0.022 lb ai/A

Cotton Aphid Leaf-Dip Bioassays – 2008-2012

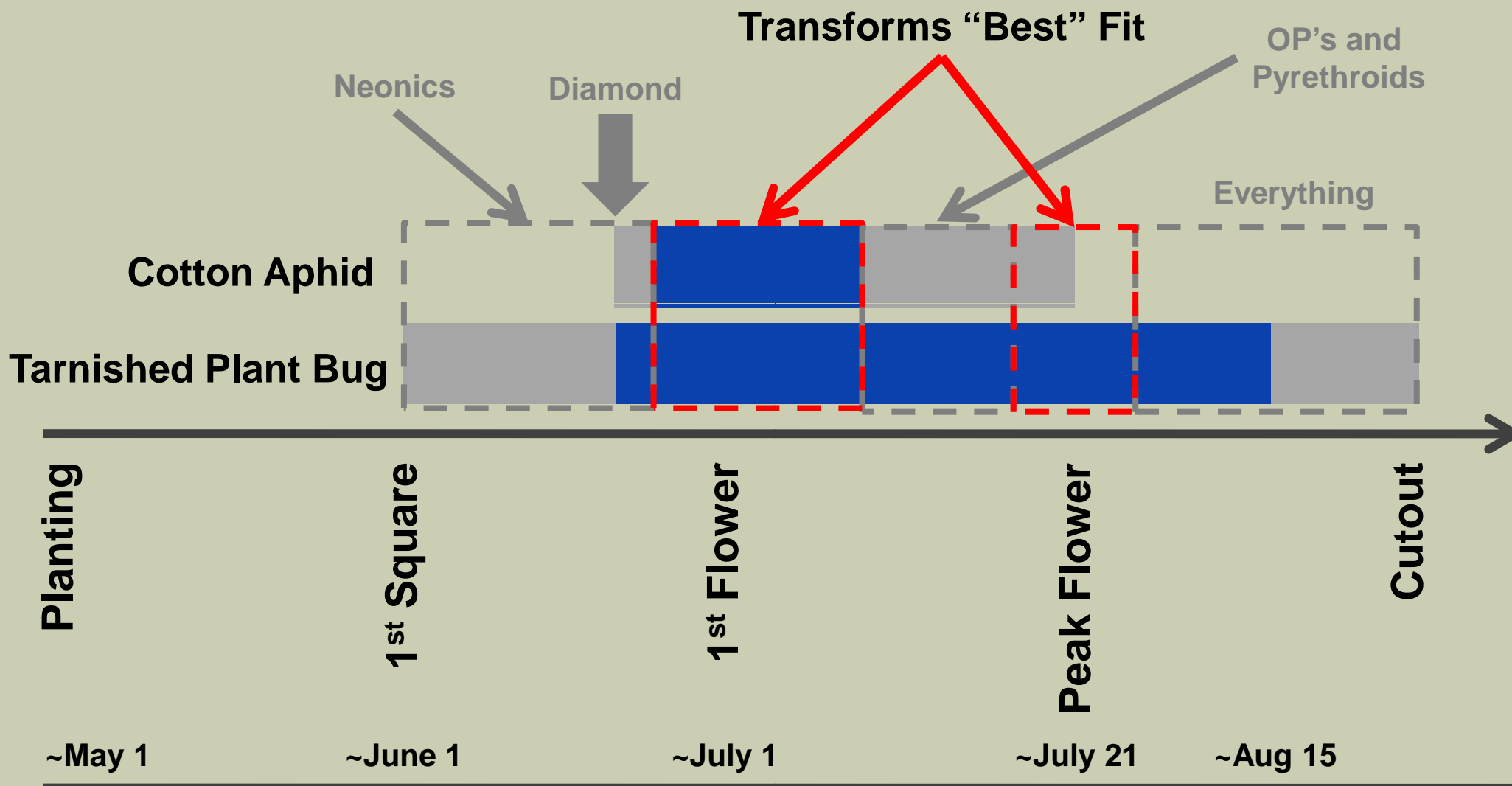
72 HAT



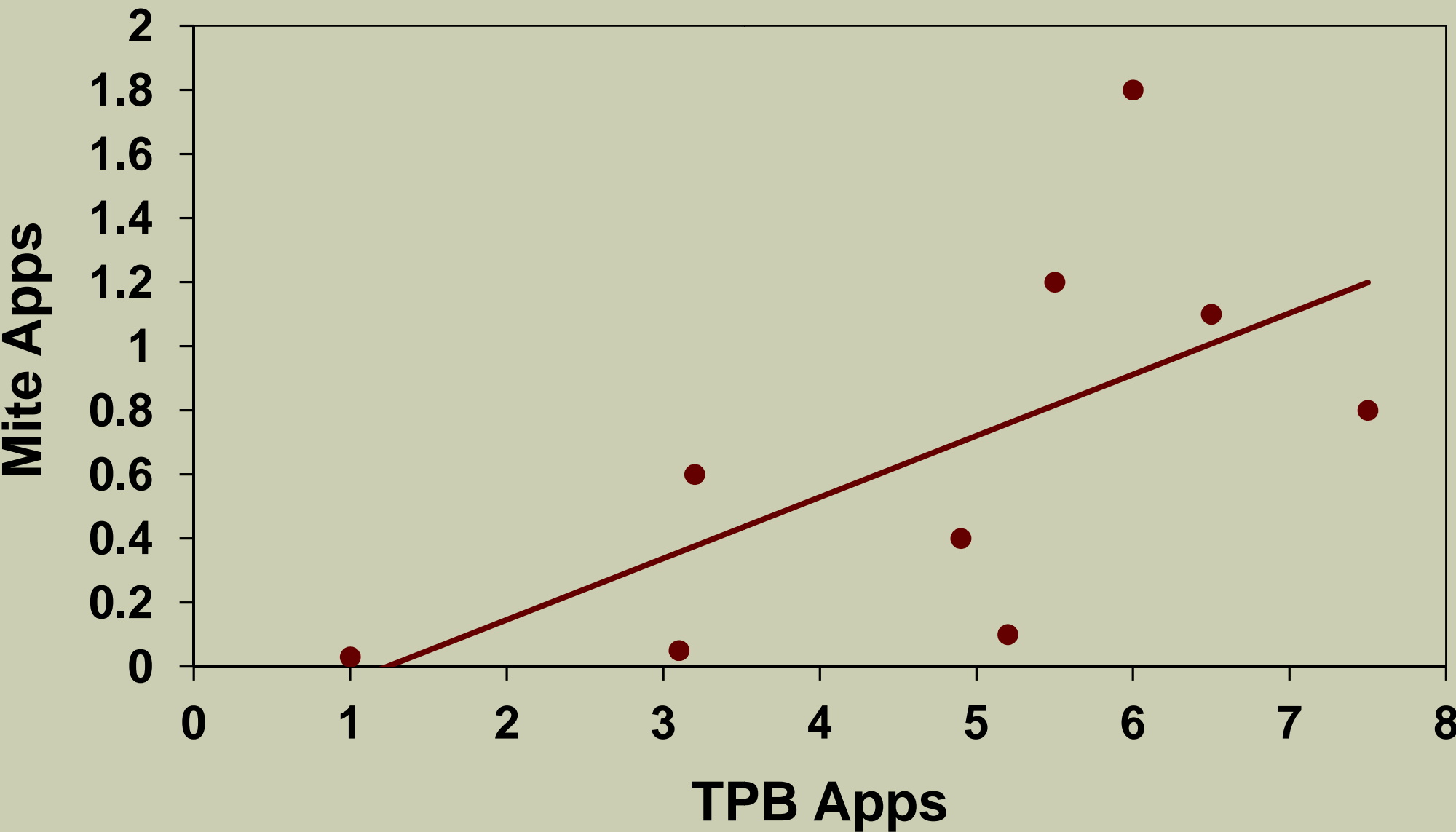
Insecticide Application Timings



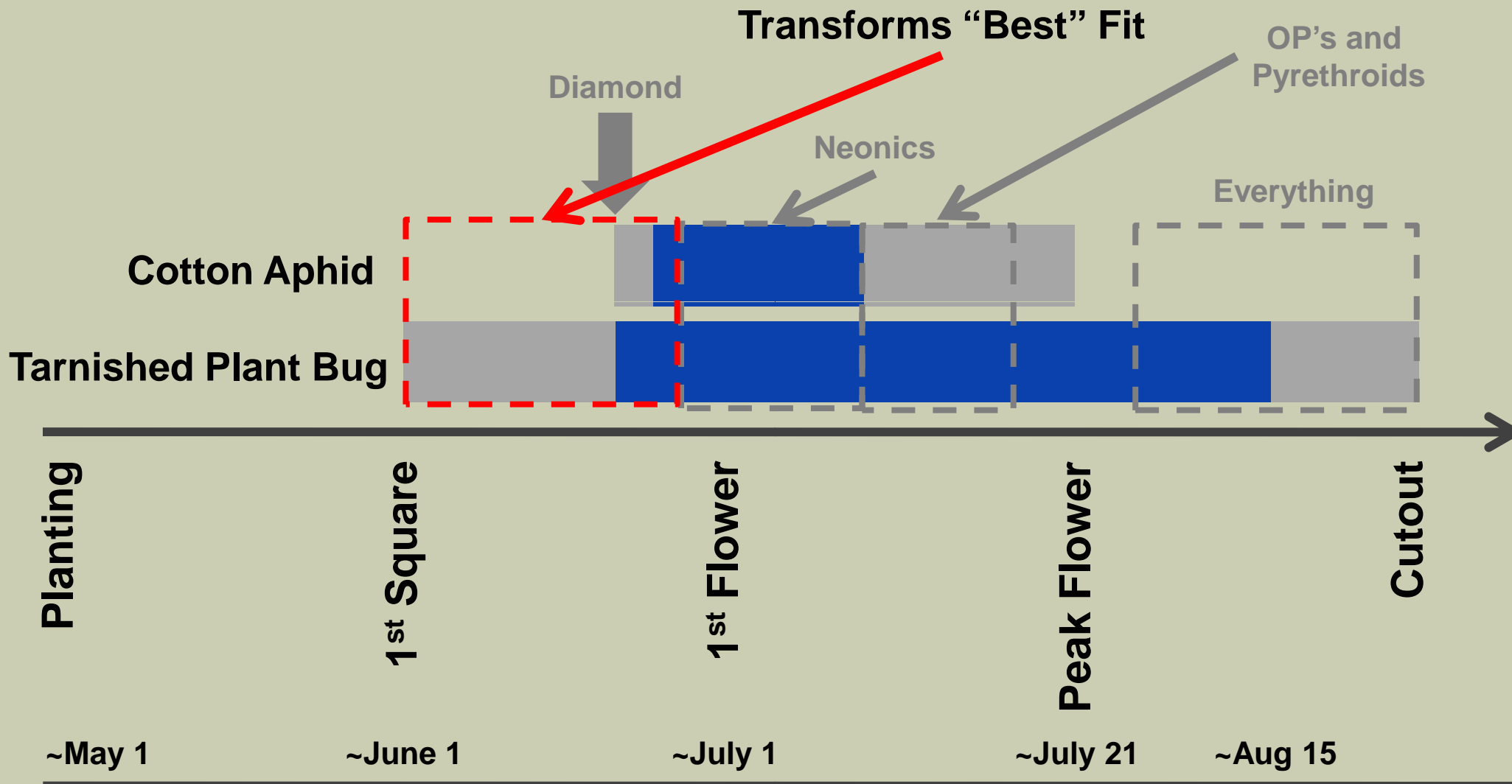
Insecticide Application Timings



Correlation Between TPB Control and Spider Mite Control



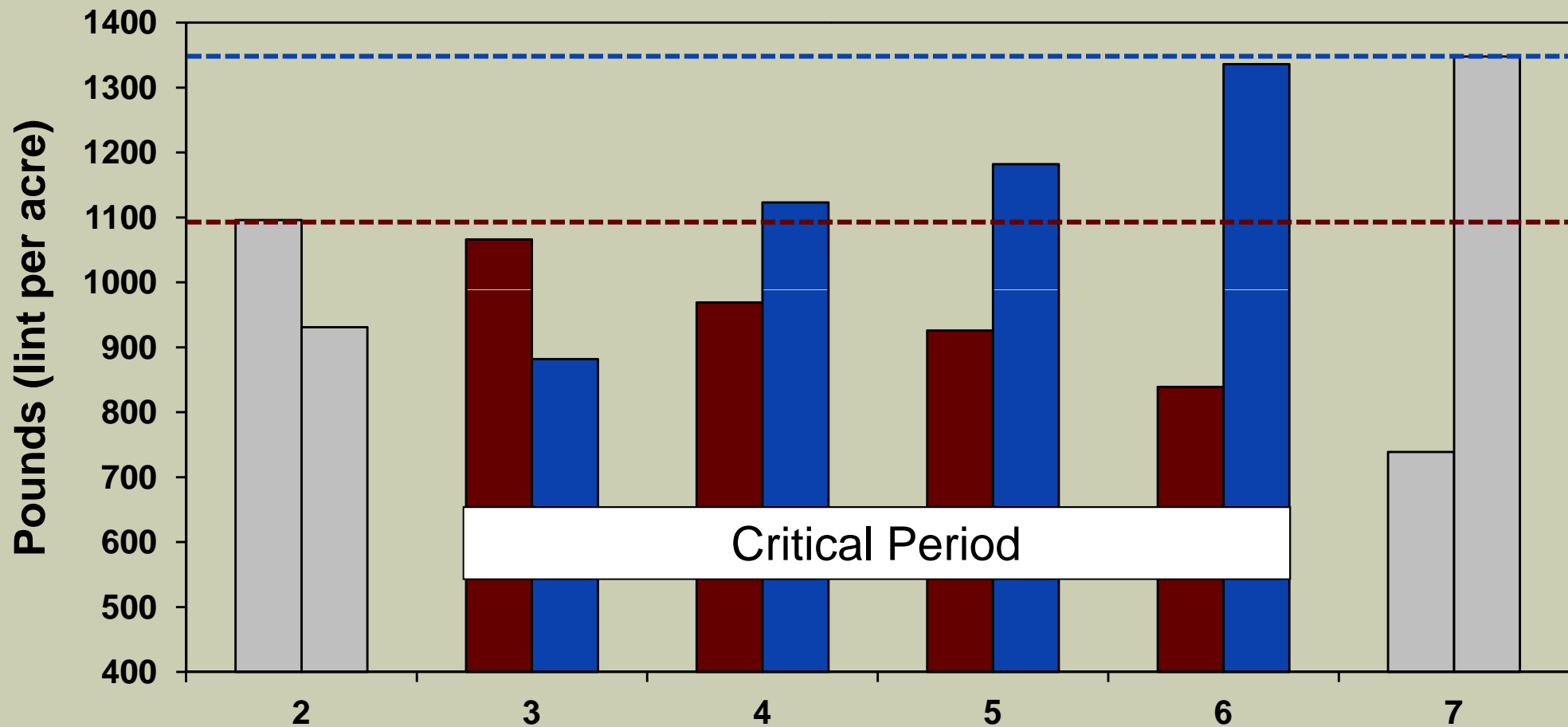
Insecticide Application Timings



TPB Impact on Yields

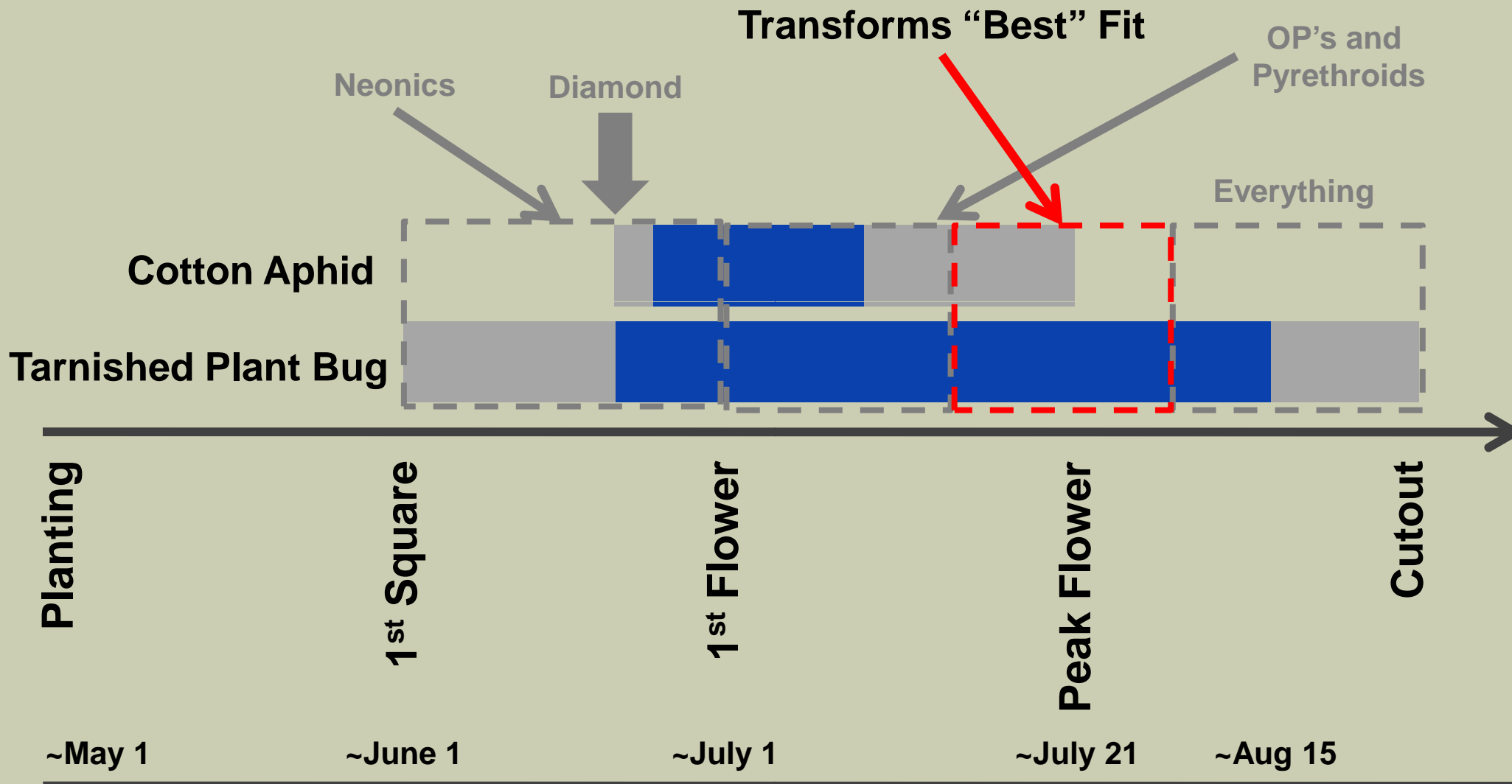
■ Initiate

■ Terminate

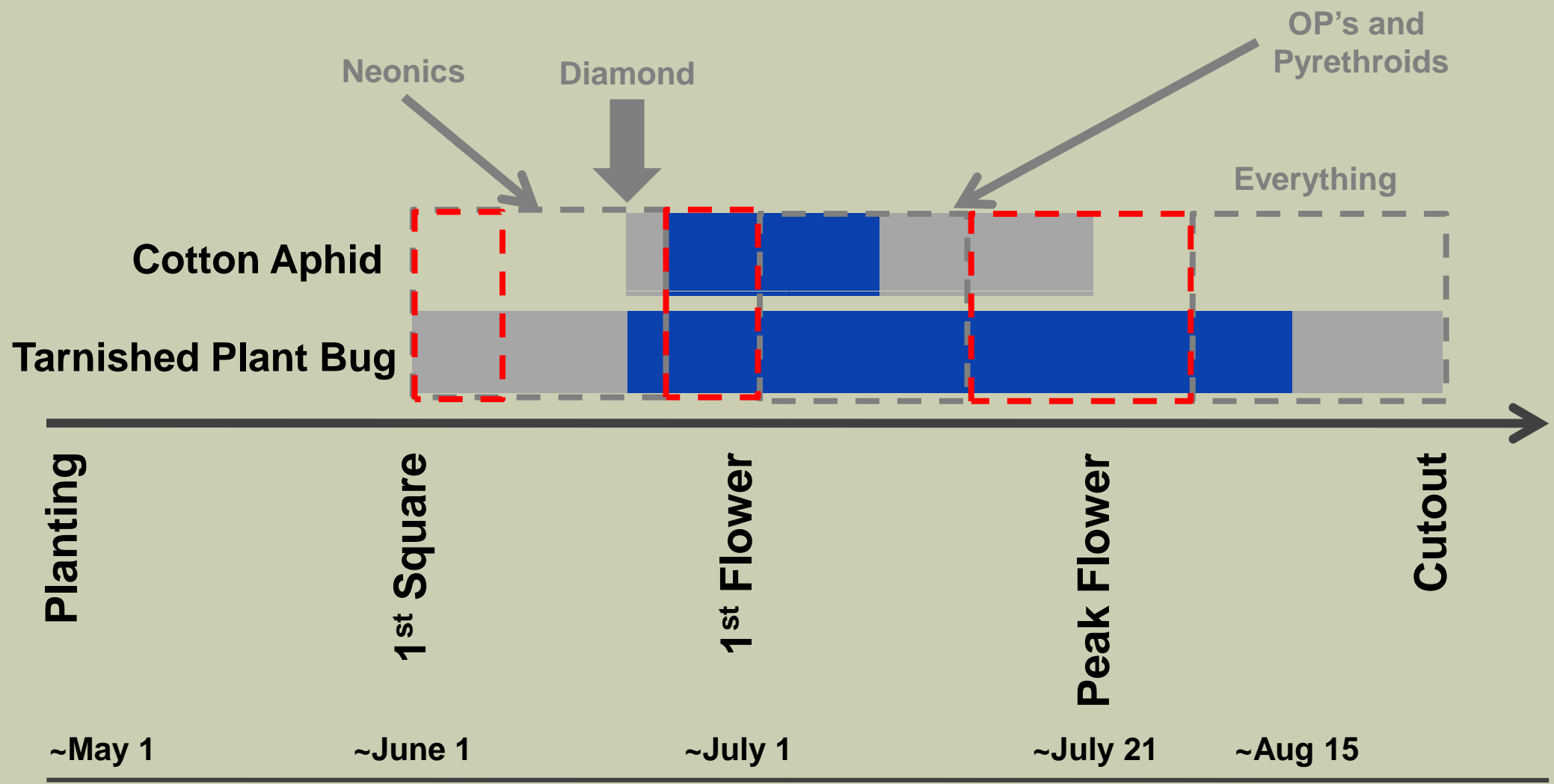


Week of Flowering at Initiation/Termination of Control

Insecticide Application Timings



Insecticide Application Timings



Summary and Conclusions

Manage for Earliness

Use Diamond Early

Rotate Chemistry

www.plantmanagementnetwork.org



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