

# Insecticide Selection Impacts on Cotton IPM



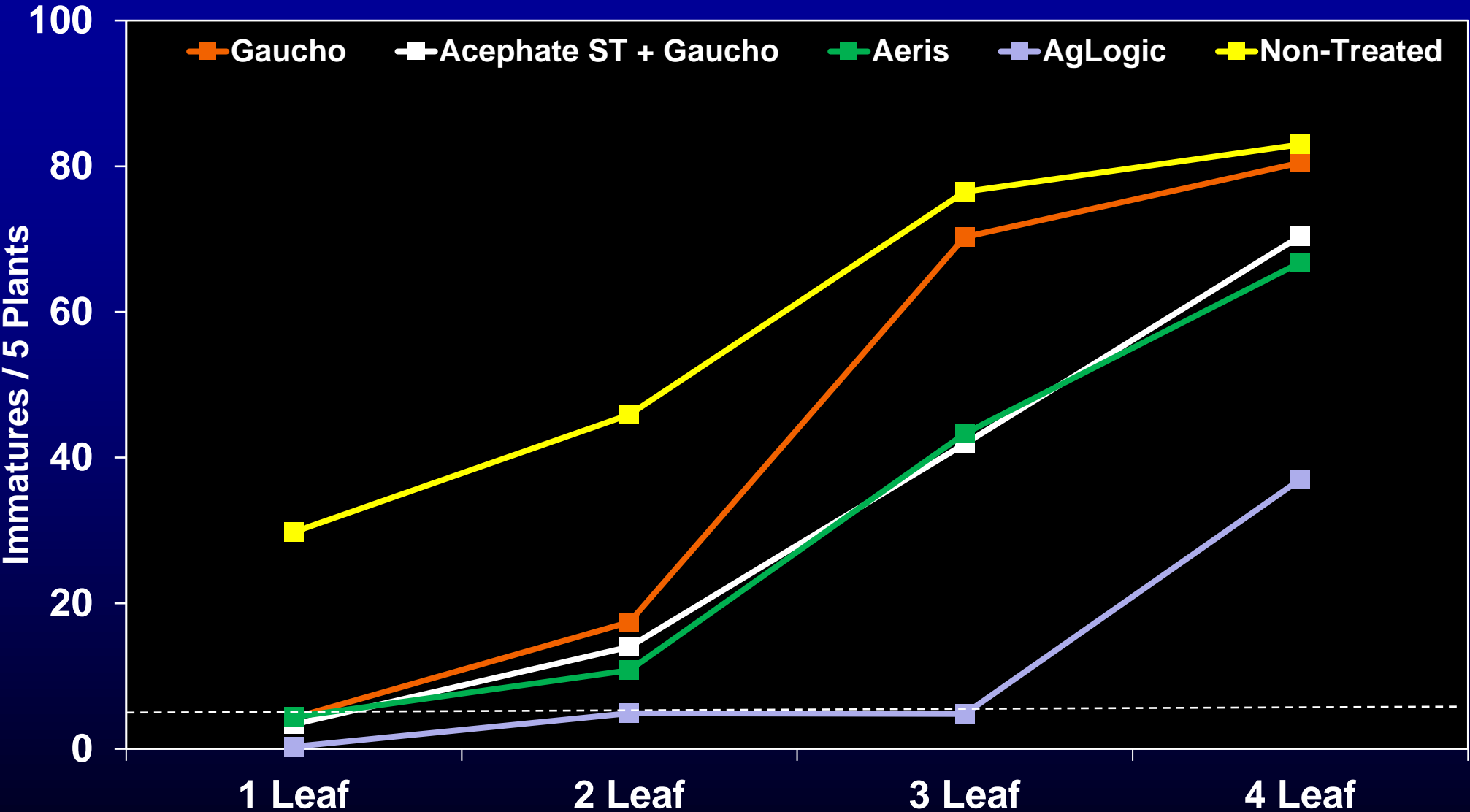
**It seemed like a good idea at the time**



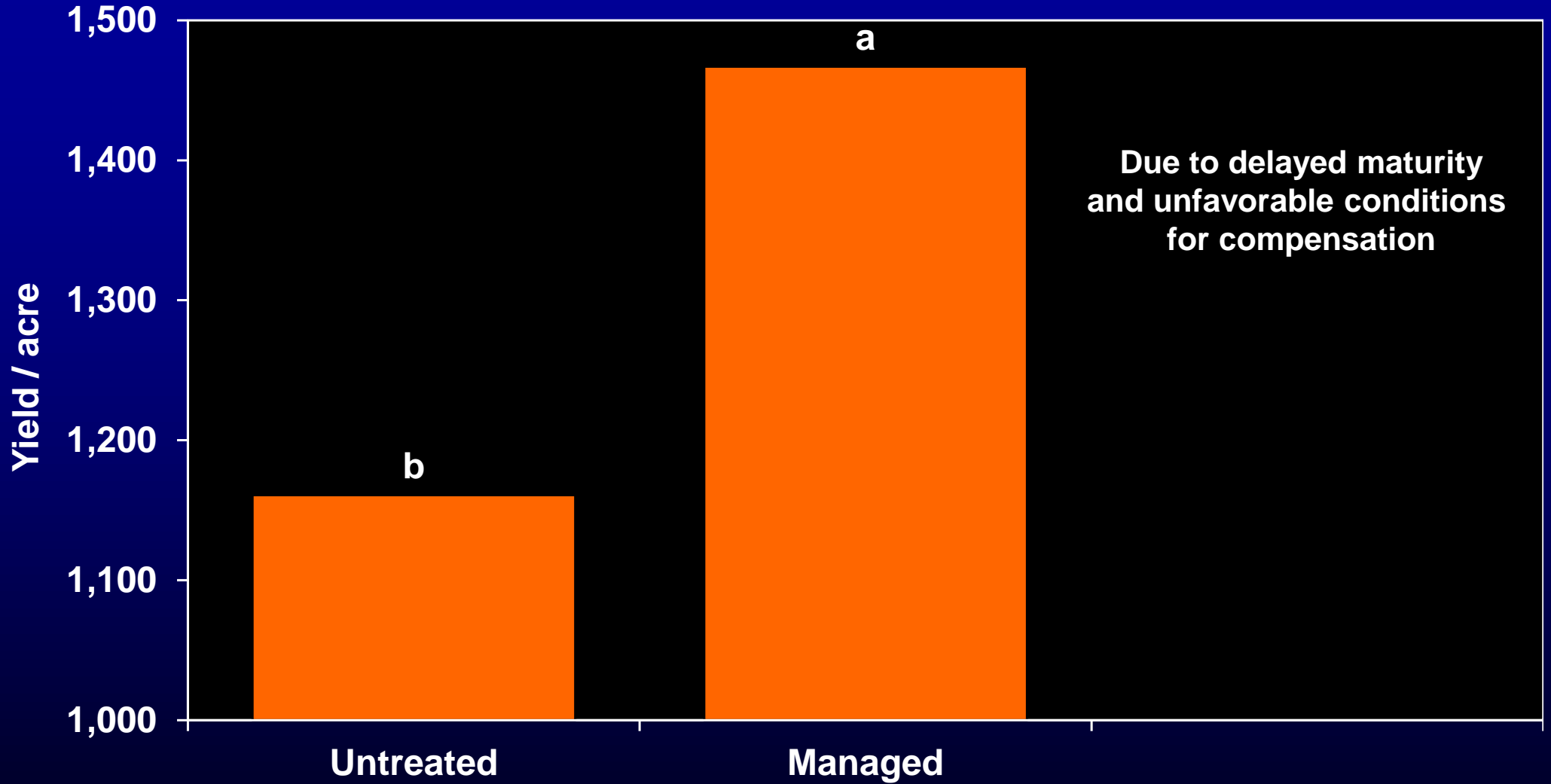




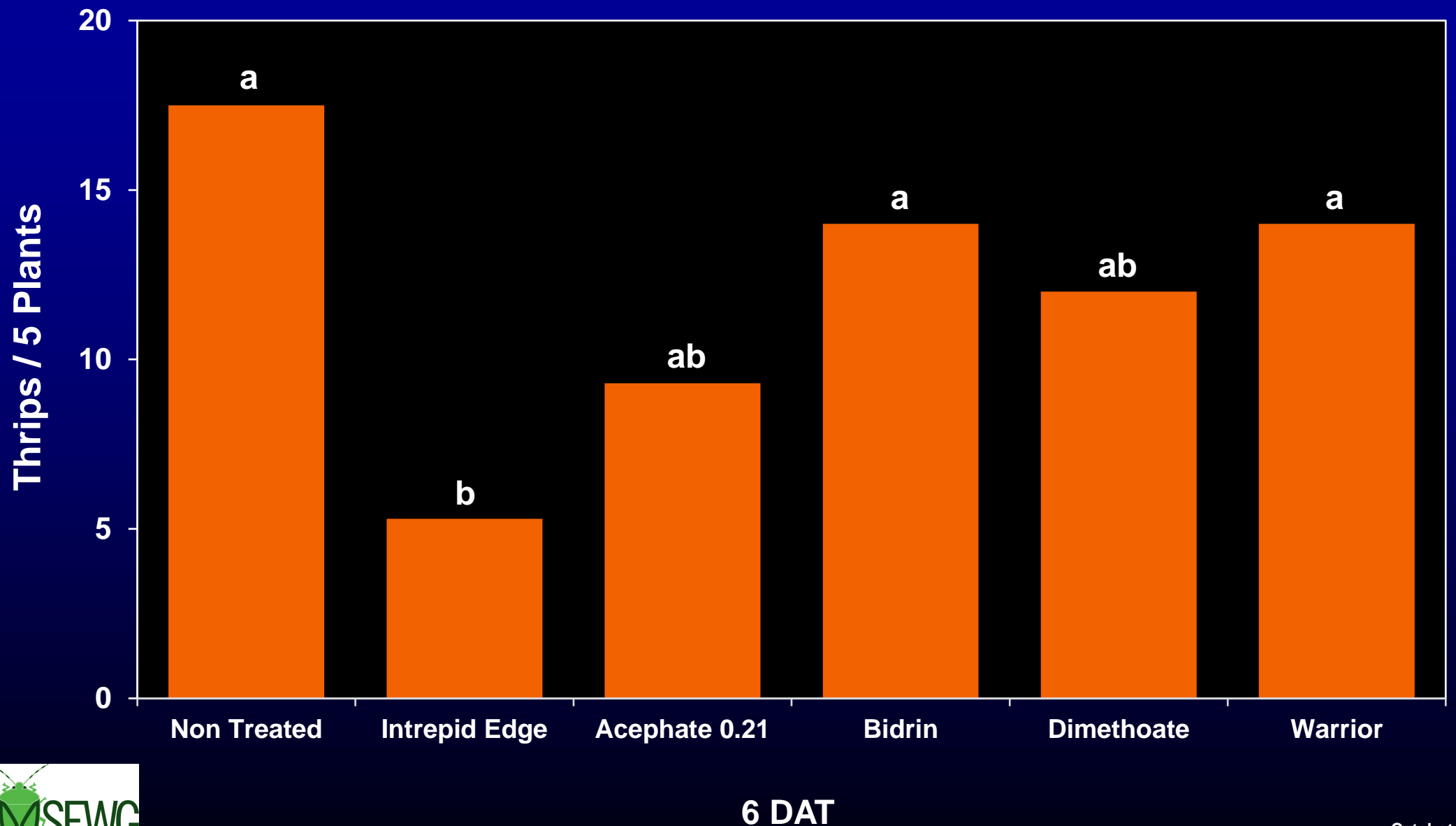
# Impact of Seed Treatments on Thrips Immatures



# Impact of Thrips Management



# Impact of Foliar Treatments on Thrips Densities





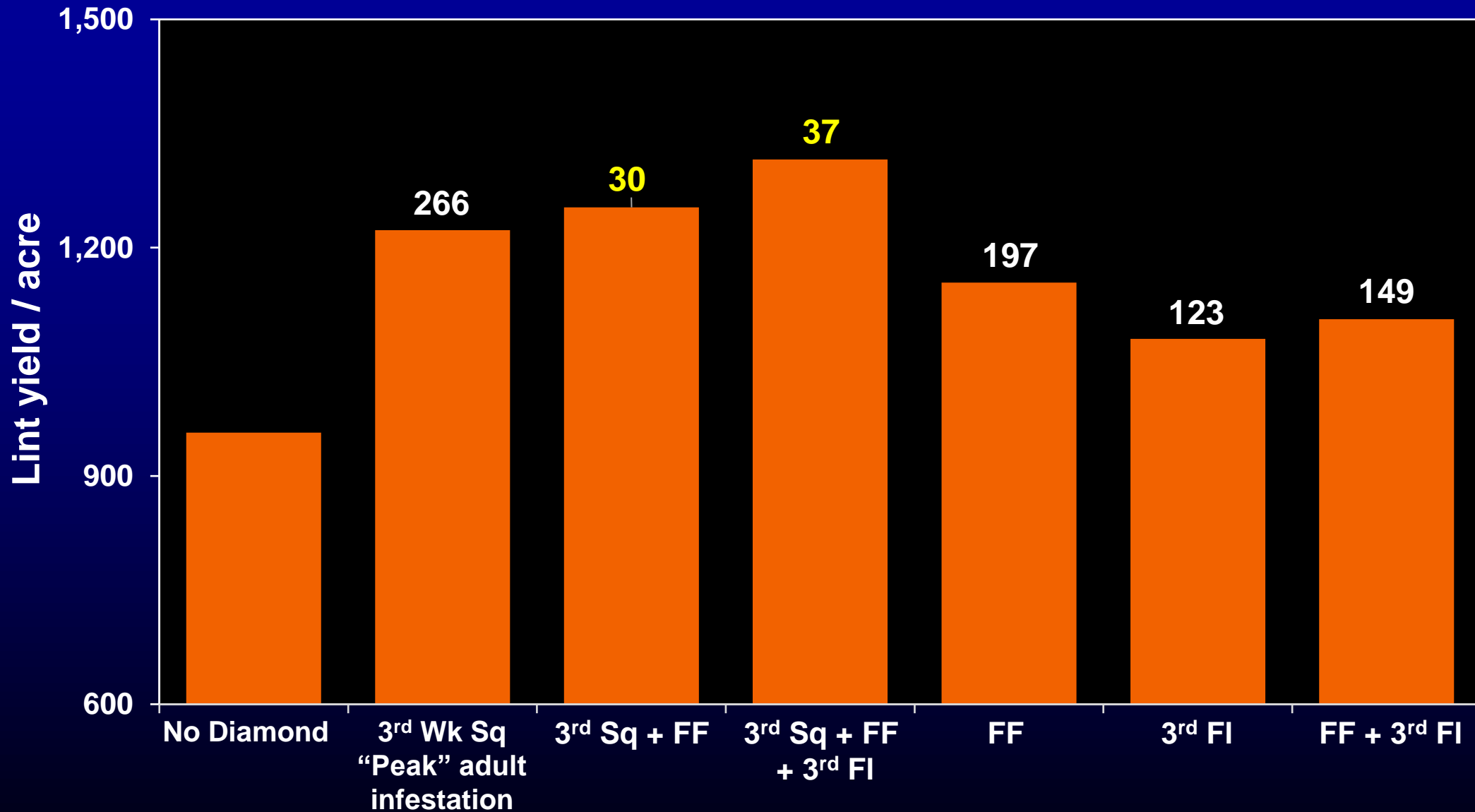








# Diamond Timing Targeting TPB on Yield



## All Classes

Imidacloprid

3 Days later

Centric

13 Days later

Acephate +  
Bifenthrin +  
Diamond

## No Neonics.

Acephate

16 Days later

Bidrin +  
Diamond

## No OP/Carb

Imidacloprid

3 Days later

Centric

13 Days later

Transform +  
Diamond

## No Pyrethroids

Imidacloprid

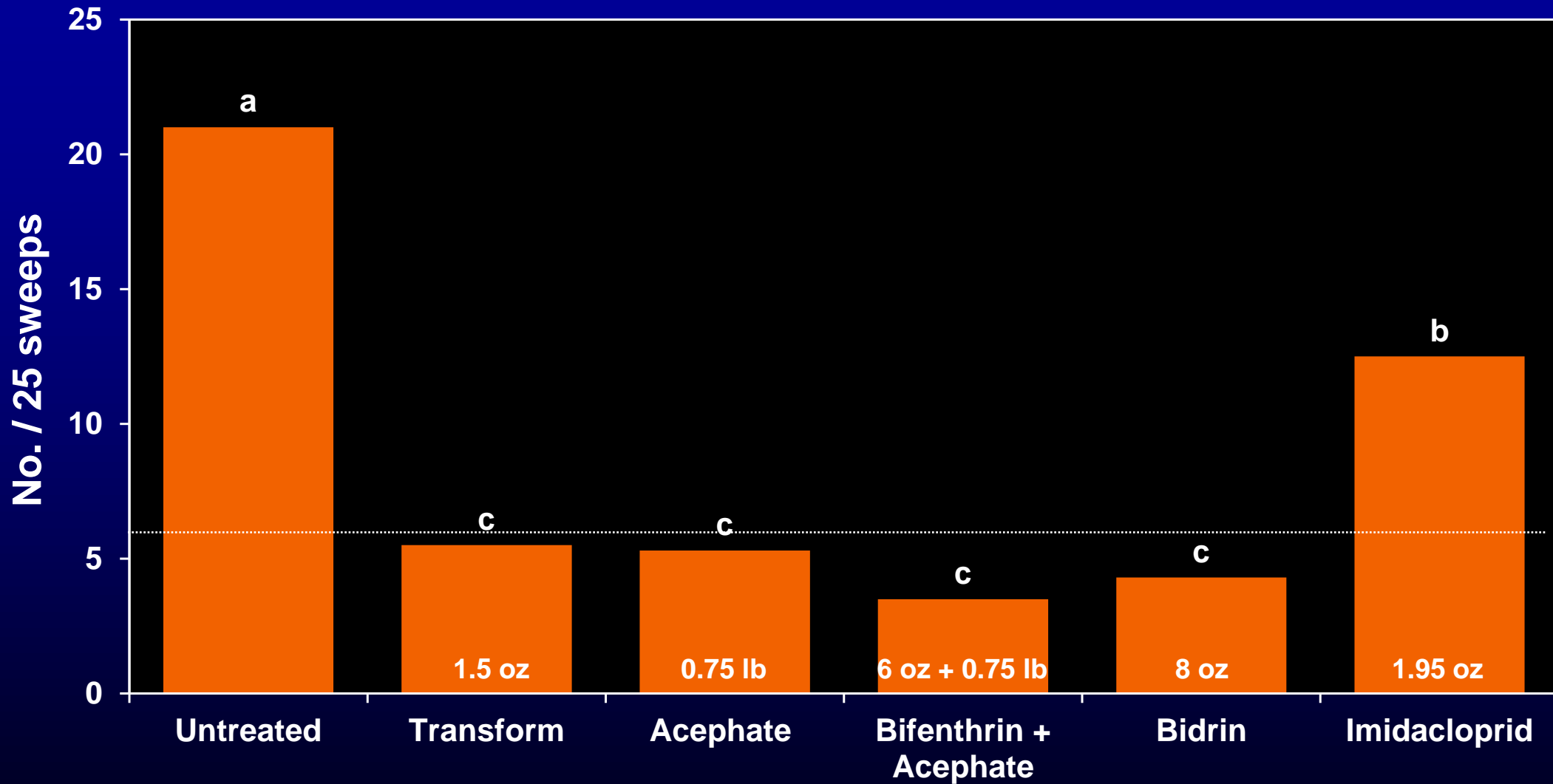
3 Days later

Centric

13 Days later

Transform +  
Diamond

# Tarnished Plant Bug Management

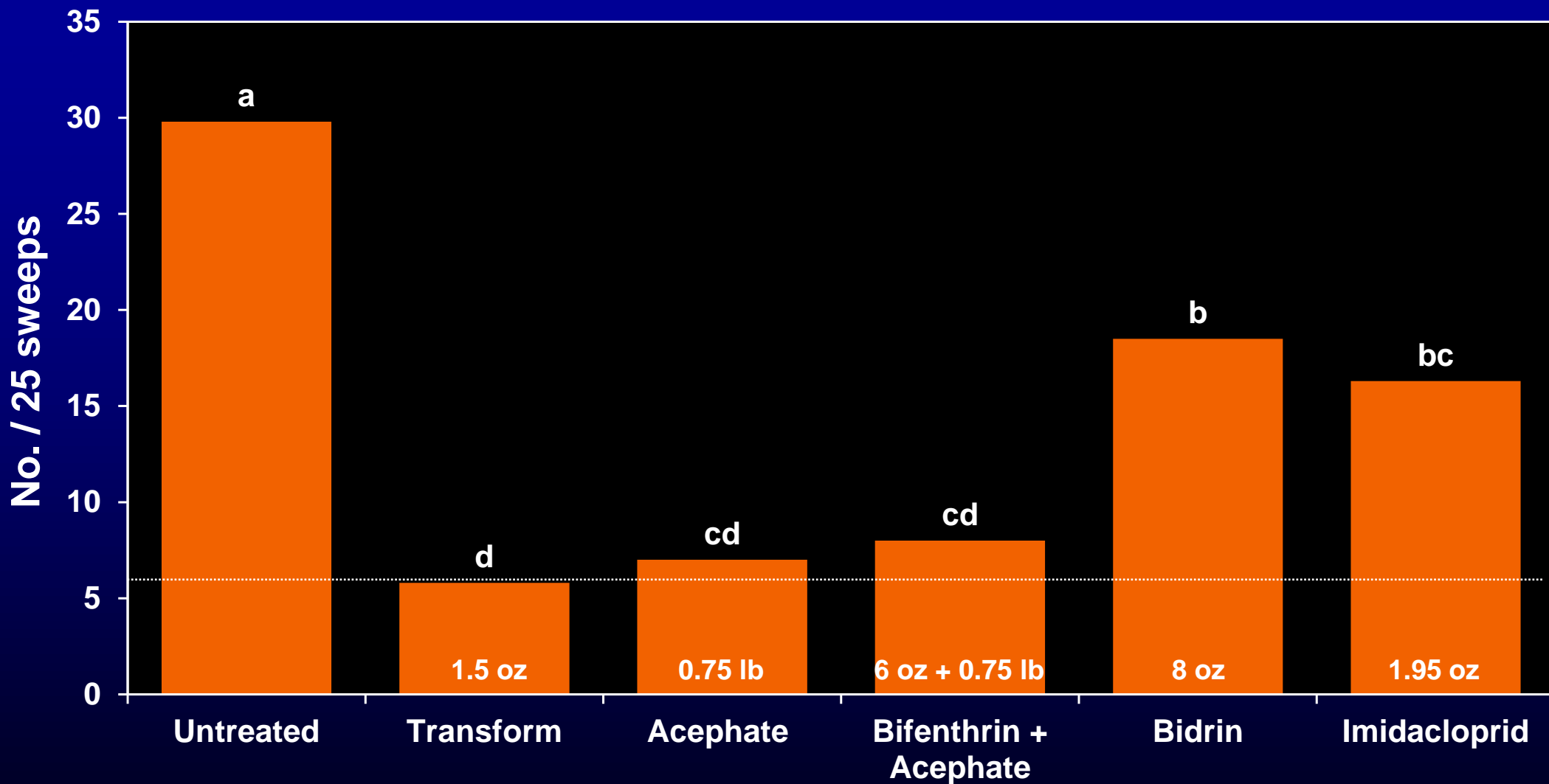


3 DAT

Catchot



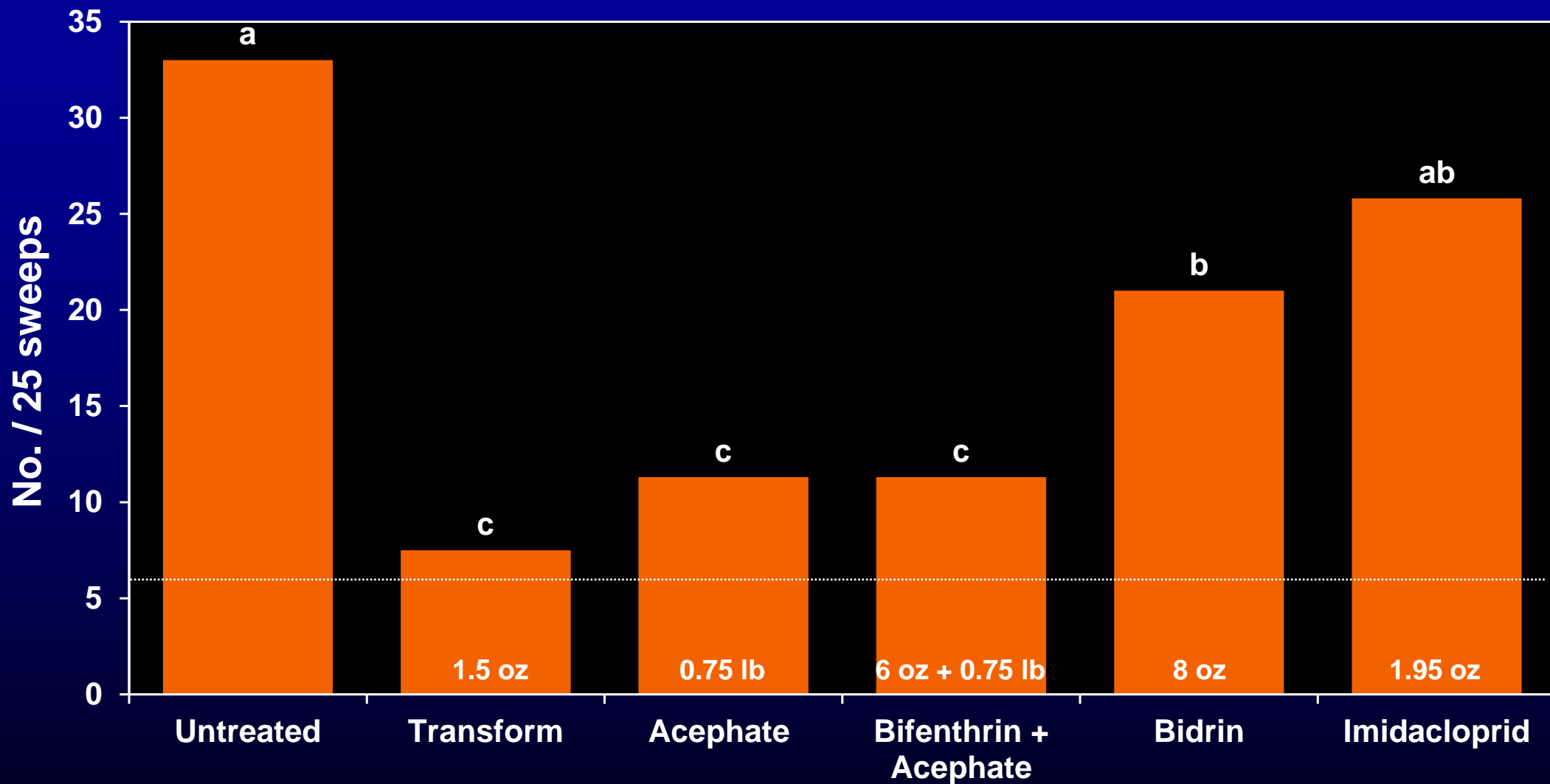
# Tarnished Plant Bug Management



8 DAT

Catchot

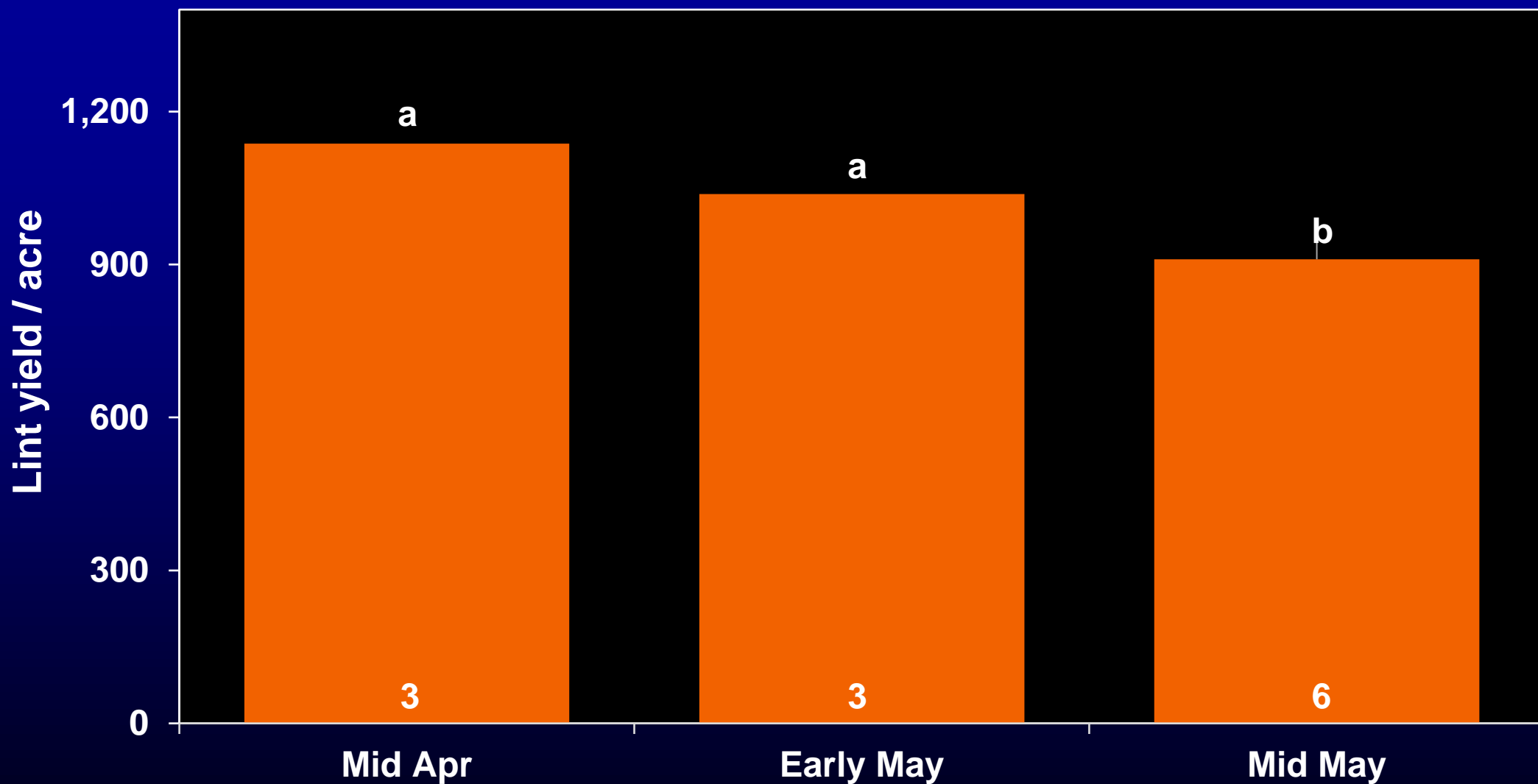
# Tarnished Plant Bug Management



10 DAT

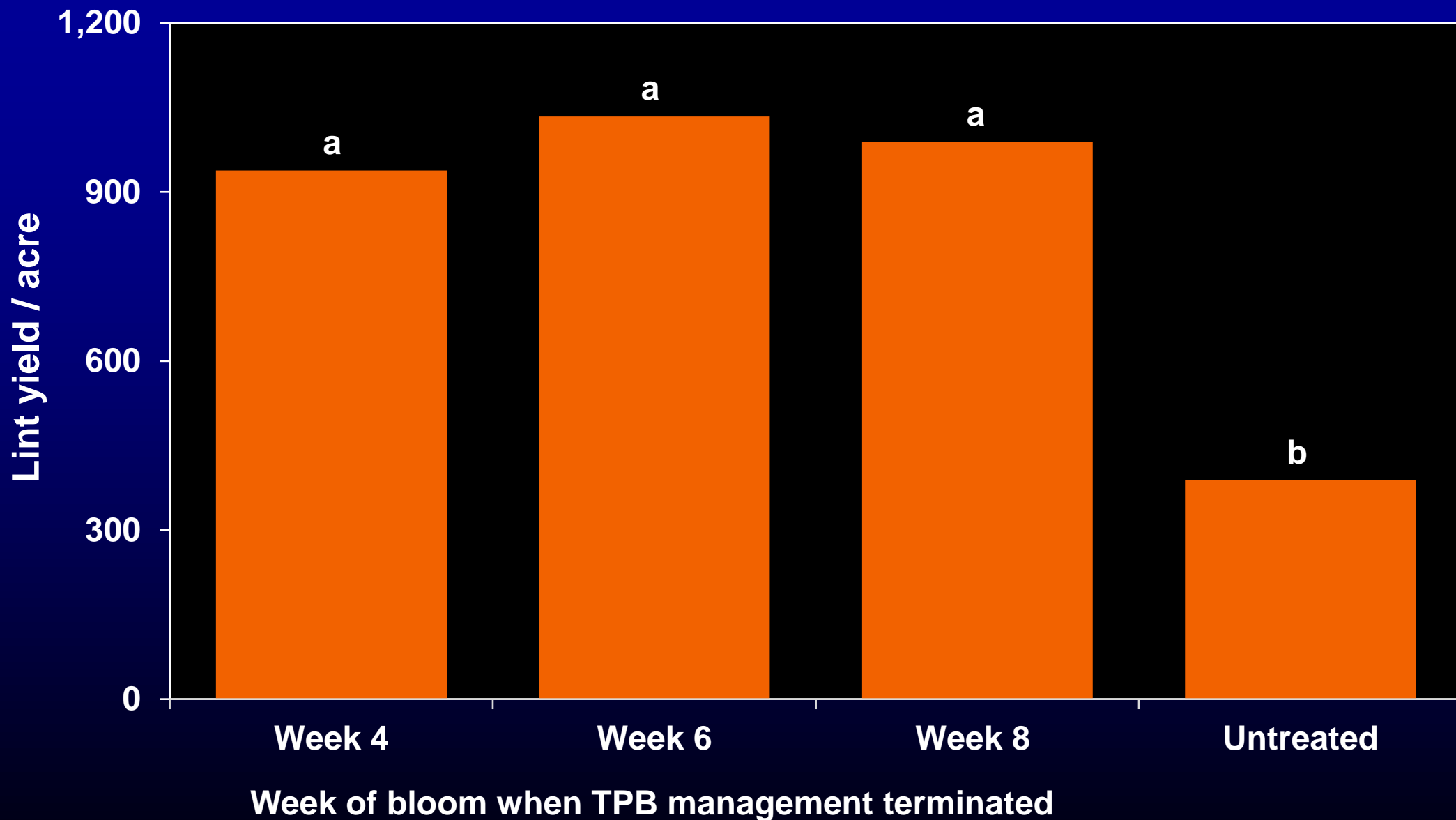
Catchot

# Effect of Planting Date on TPB Management





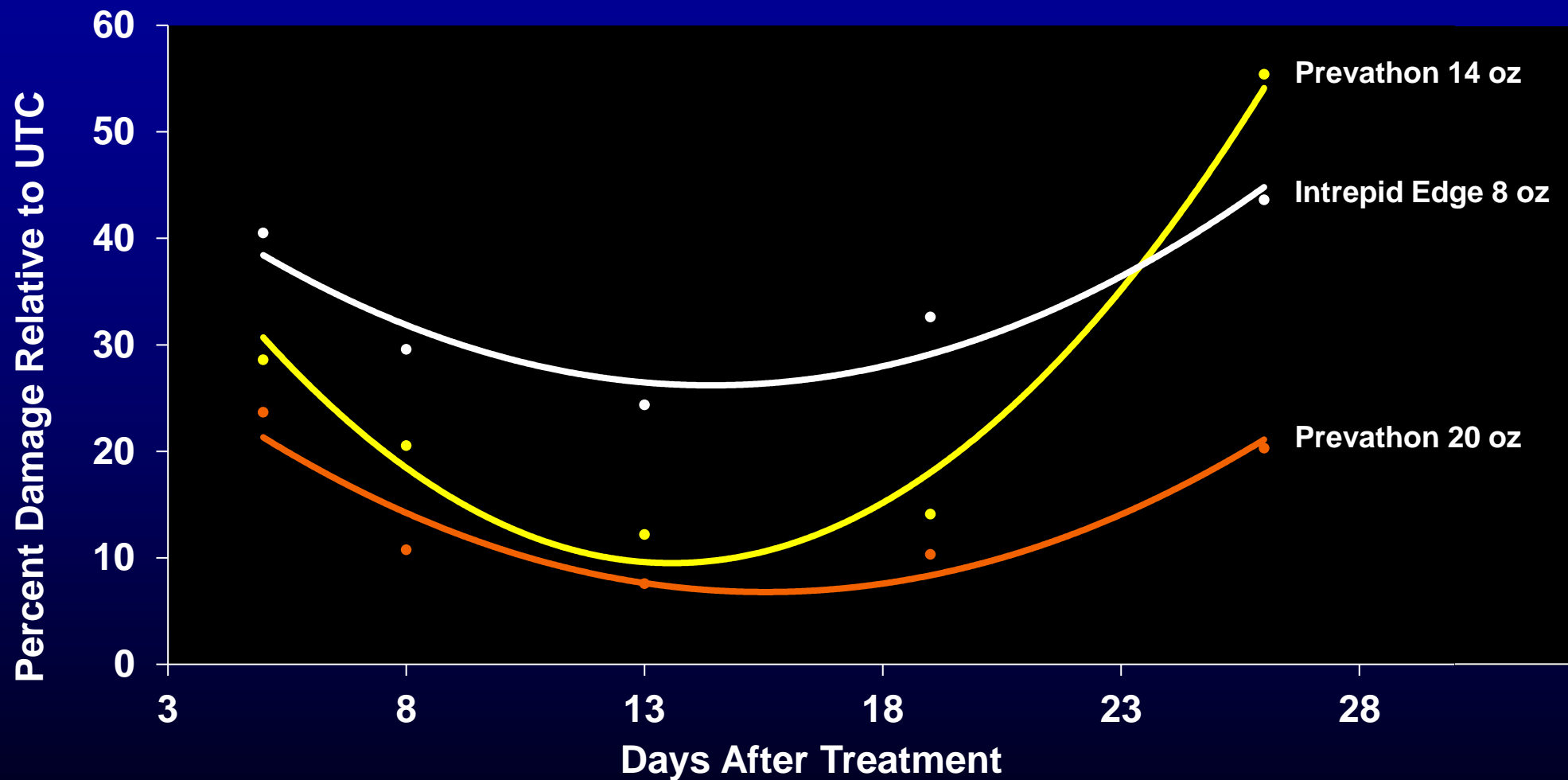
# TPB Management Termination





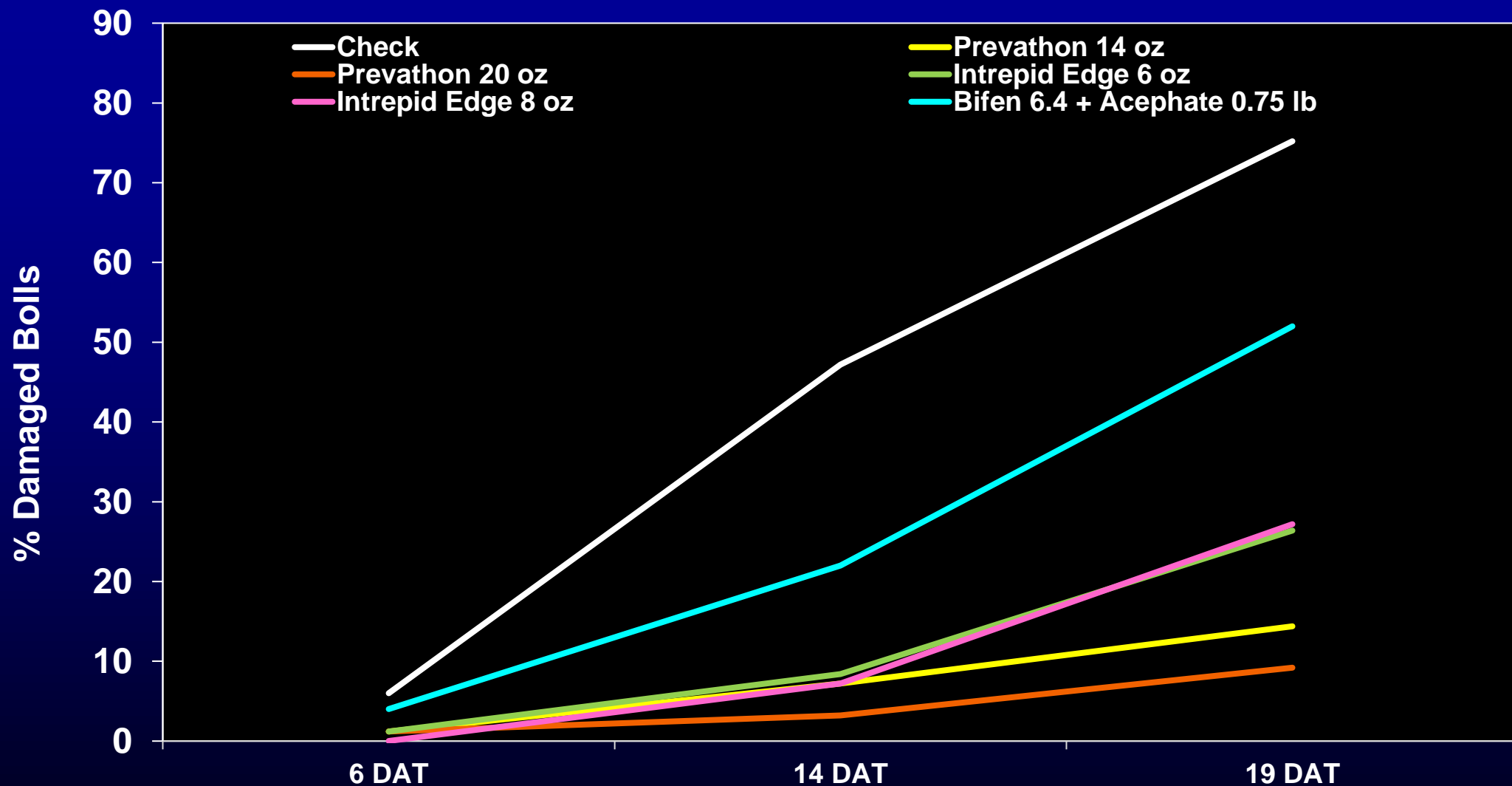
# Percent Fruit Damage Over Time

4 Trials - Gus Lorenz

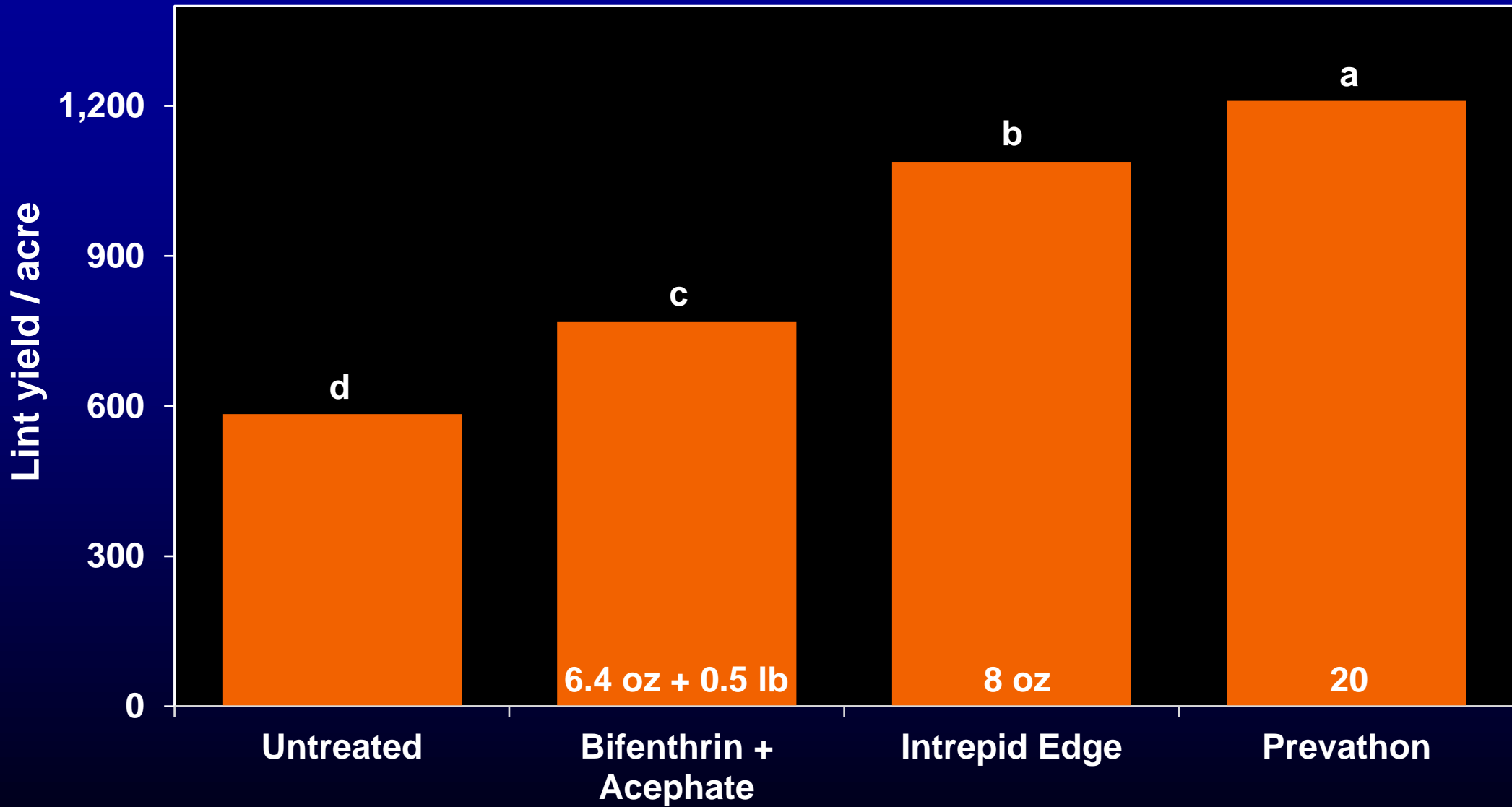




# Cumulative Damaged Bolls



# Bollworm Management



**TOP**

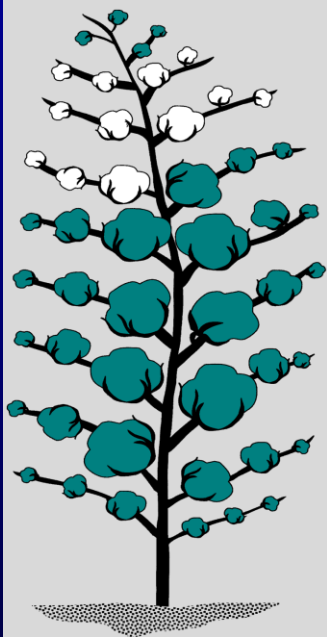
**MIDDLE**

**BOTTOM**

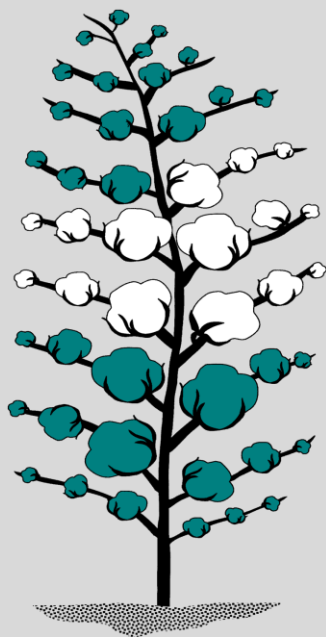
**ONE**

**TWO**

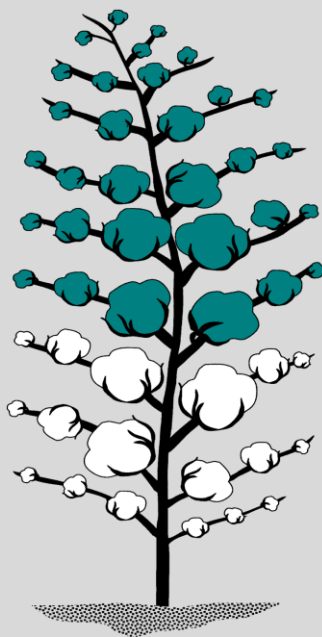
**THREE**



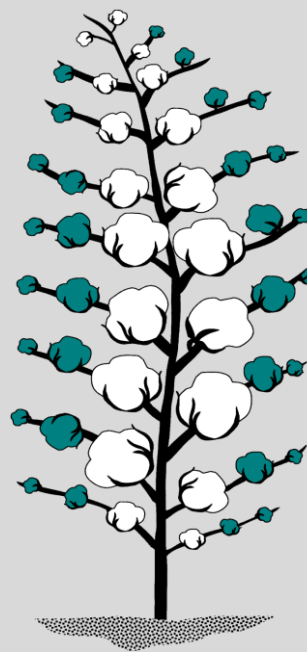
**8.6  
bolls**



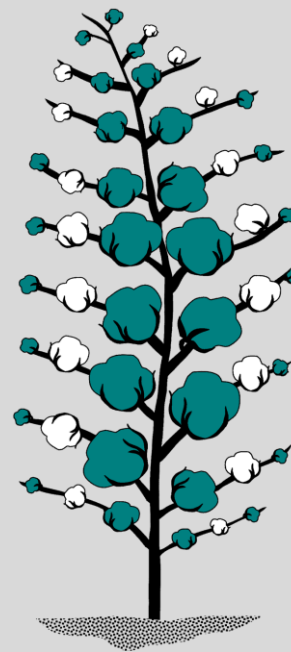
**6.9  
bolls**



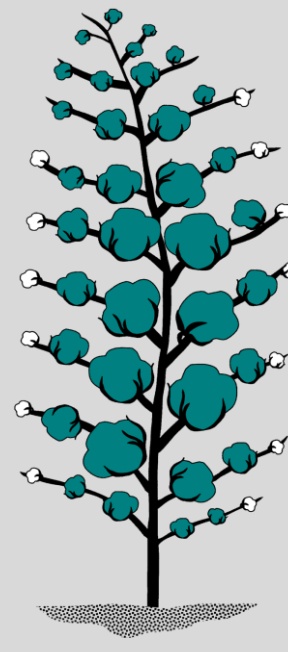
**7.8  
bolls**



**6.9  
bolls**



**7.8  
bolls**



**7.5  
bolls**



**“The most expensive insecticide is one that  
doesn't work” Jeff Gore**

**Application costs are the same whether the  
insecticide works or not**

# Current Seasonal Use Rates

**Acephate 4 lb AI (4.12 lb of 97%)**

**Imidacloprid 0.31 lb AI (10 oz of 4 lb form.)**

**Bifenthrin 0.5 lb AI (32 oz of 2 lb form.)**

**Bidrin for plant bugs 1 lb AI (16 oz)**

**Expect Label Changes and Use Restriction/Lower Seasonal Totals as Products Come Up for Re-Registration**









COTTON INCORPORATED



S. Stewart, W. Crow, J. Gore, A. Catchot,  
B. Thrash G. Lorenz, G. Studebaker, N. Bateman  
D. Kerns, S. Brown, T. Towles, N. Little

Building Markets For Cotton  
And Cotton Products

