

Impact of Cultural Practices on Insect Management



Don Cook, Jeff Gore, and Brian Adams



Tarnished Plant Bug

Lygus lineolaris (Palisot de Beauvois)



Adult



Nymph

> 300 documented host plant species

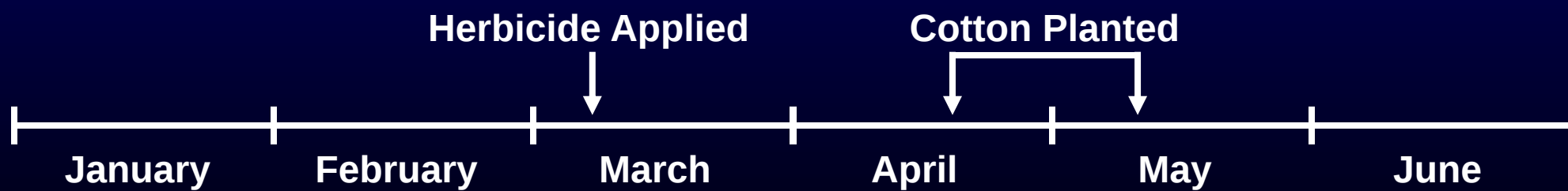


***Lamium amplexicaule* L., Henbit**

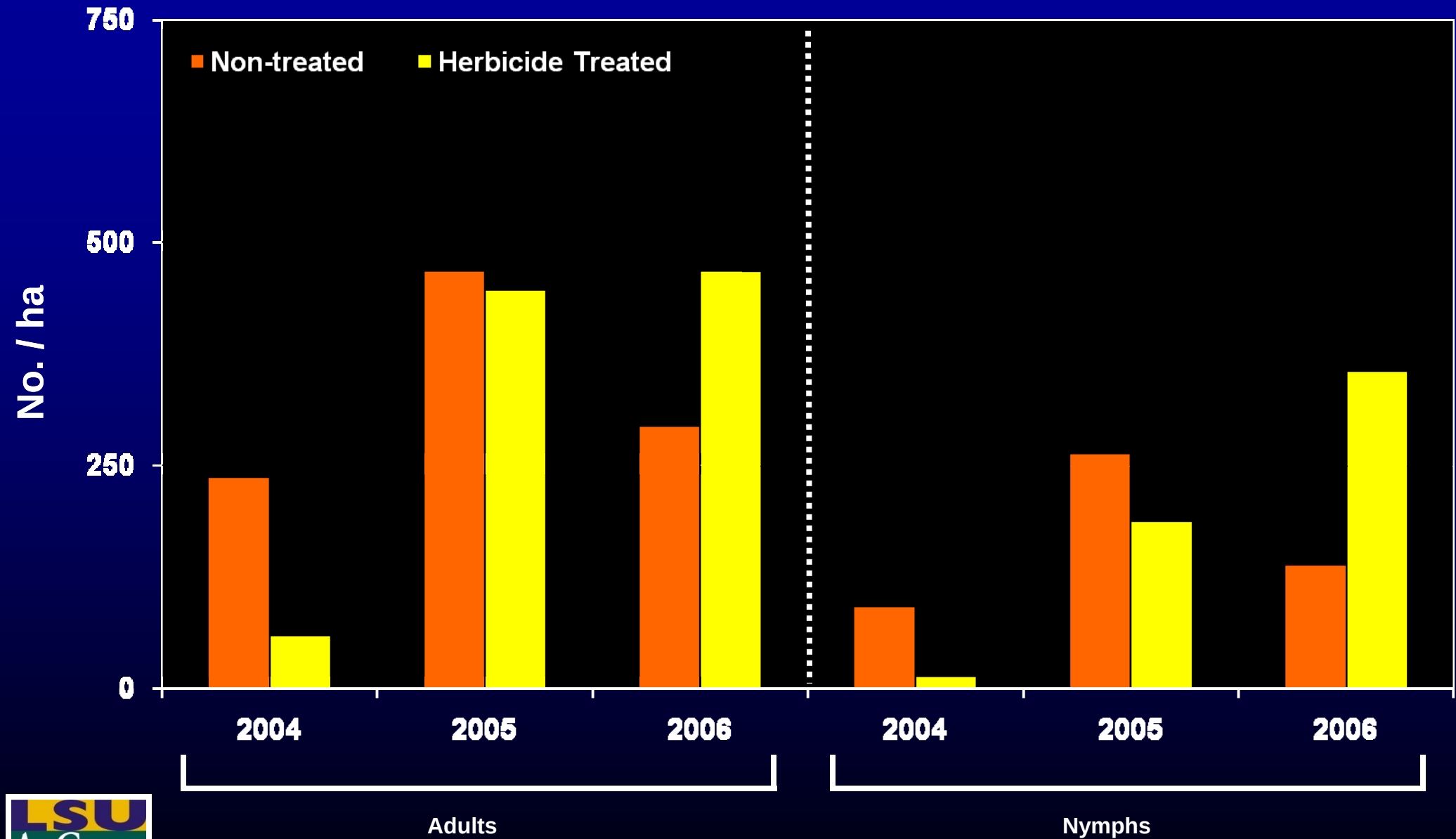
***Stellaria media* (L.) Vill., Common Chickweed**

***Cerastium vulgatum* L., Mouseear Chickweed**

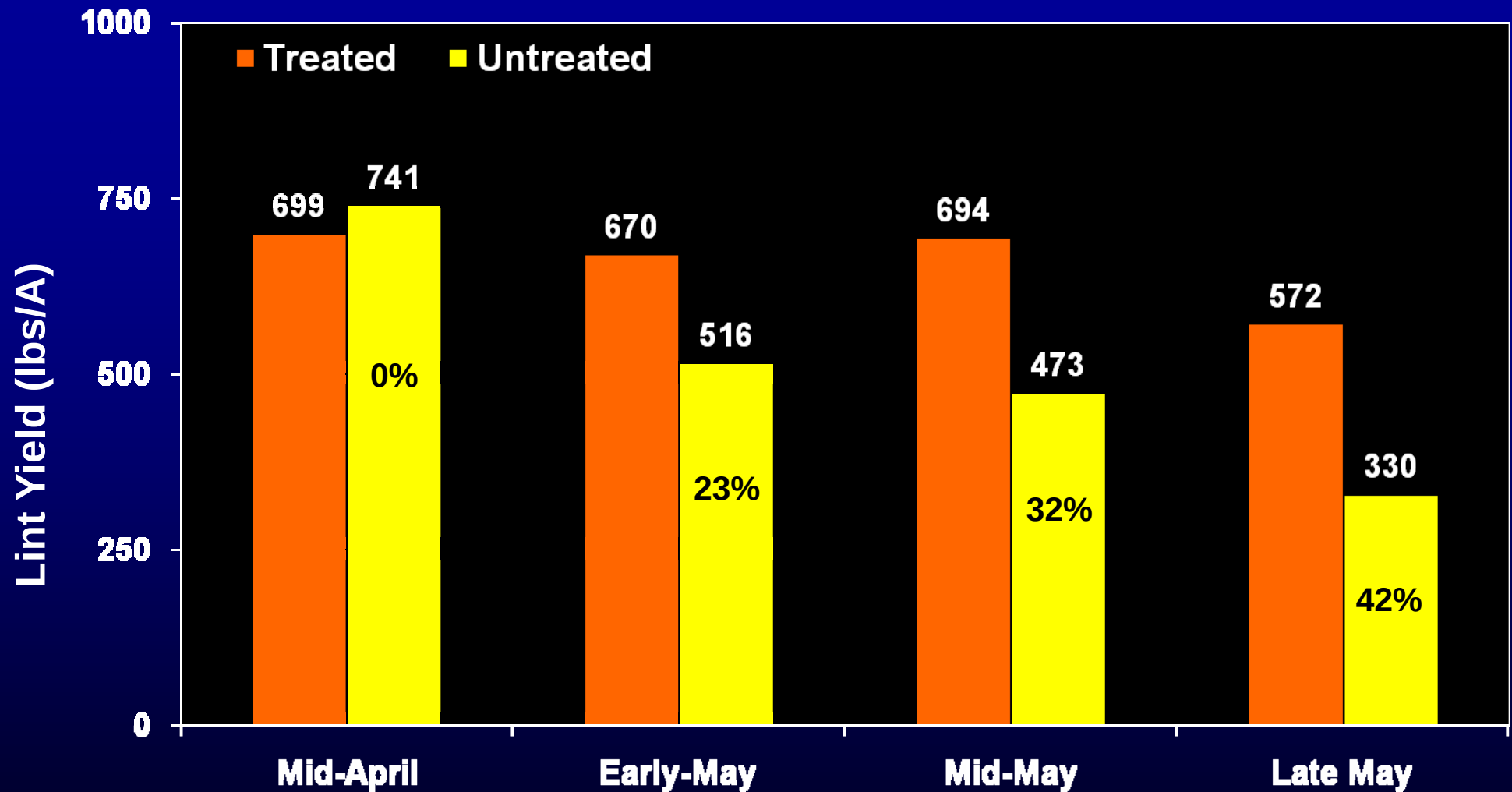
***Medicago* spp., *Trifolium* spp., Clovers**



Total TPB Collected from Cotton

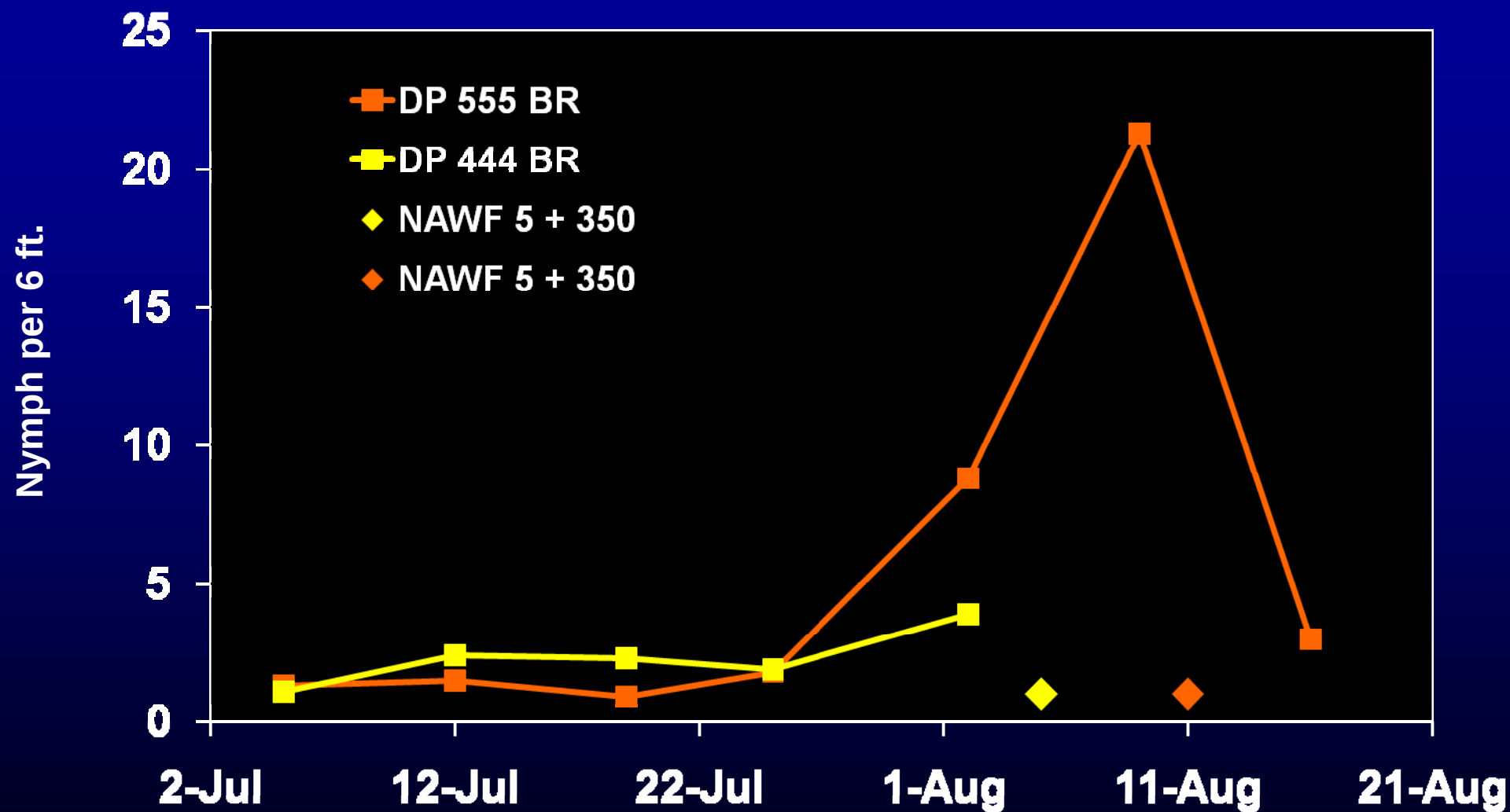


Impact of Planting Date on TPB



Treated plots were sprayed once or twice per week throughout the season.

Impact of Crop Maturity on TPB



Impact of Planting Date and Maturity on TPB Management

Planting Date

Mid-Apr
Apr 20

Late-Apr/Early May
May 6

Mid-May
May 19

Late-May/Early Jun
Jun 2

Cotton Varieties

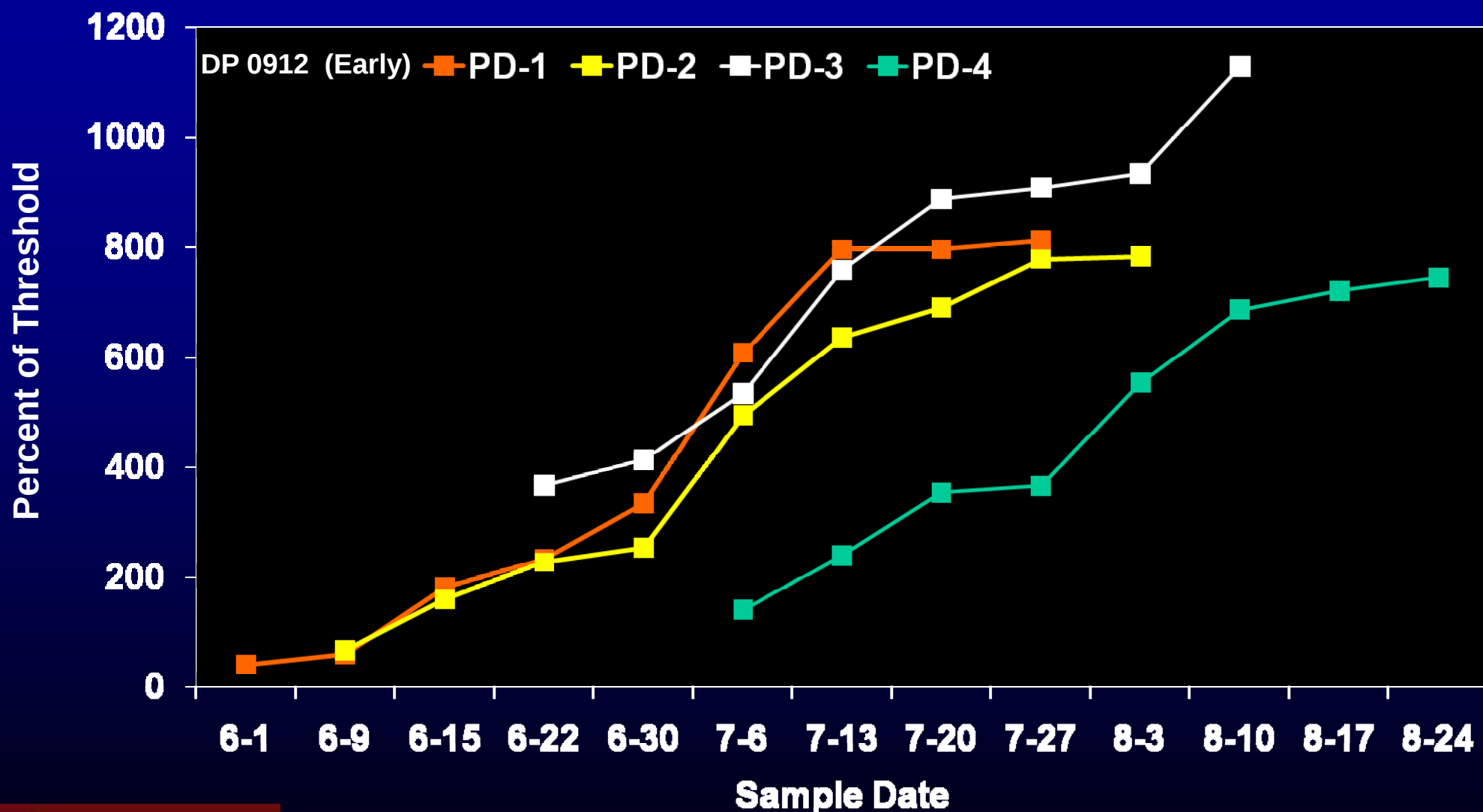
Early Maturing Variety
DP 0912

Late Maturing Variety
DP 0949

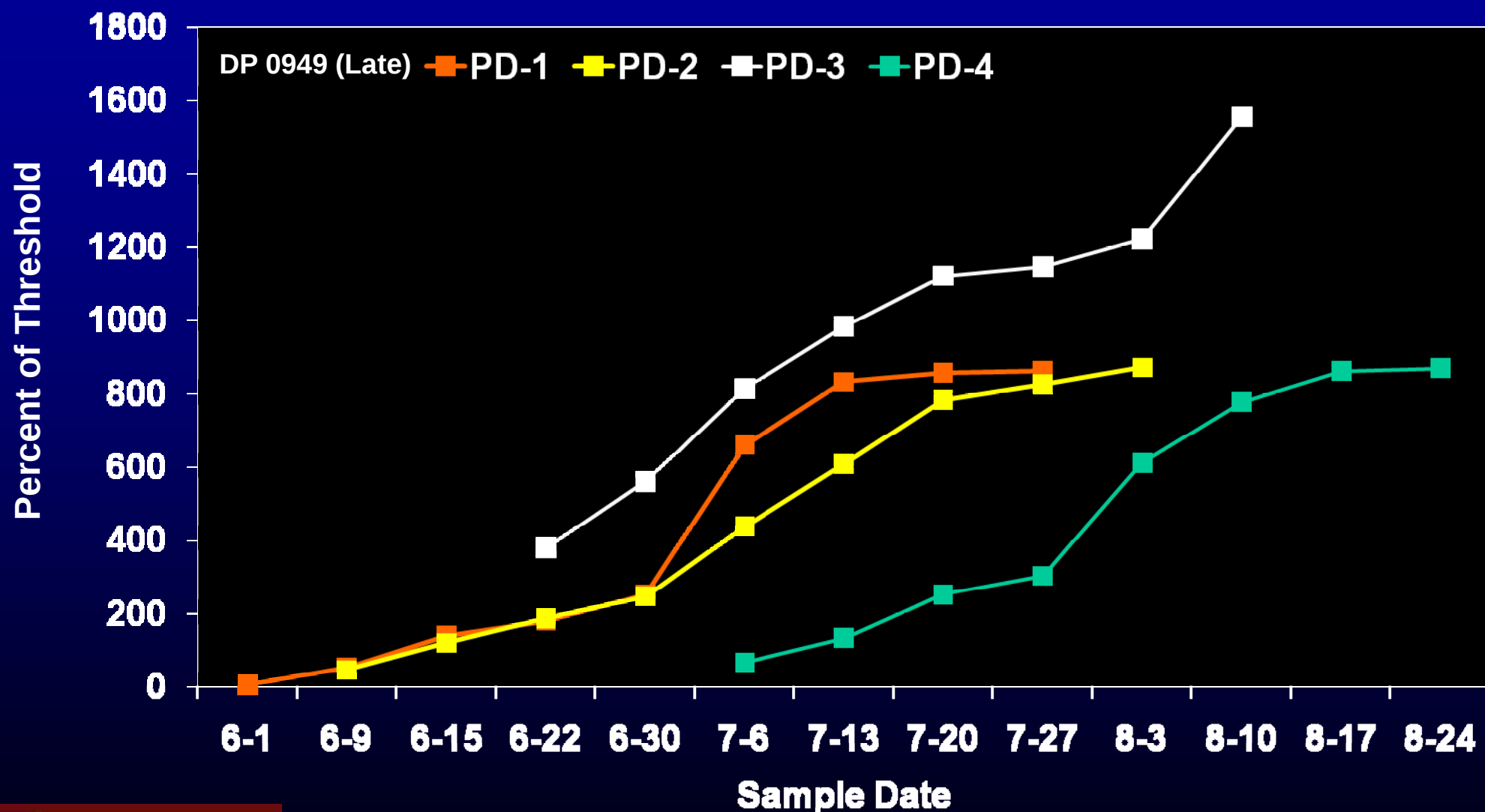
TPB Management

Treated as needed
Non-Treated

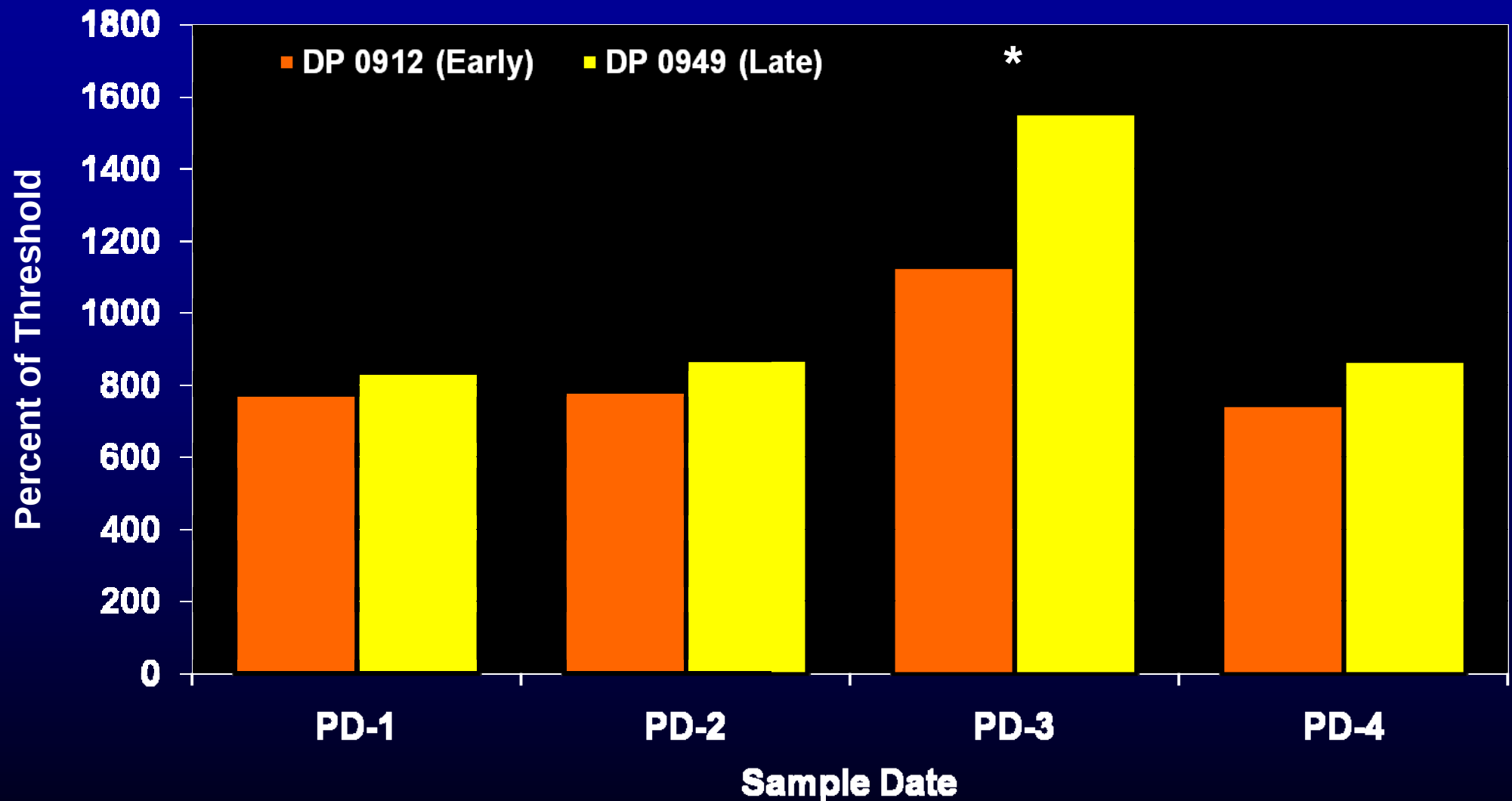
Impact of Planting Date & Varietal Maturity on TPB Management



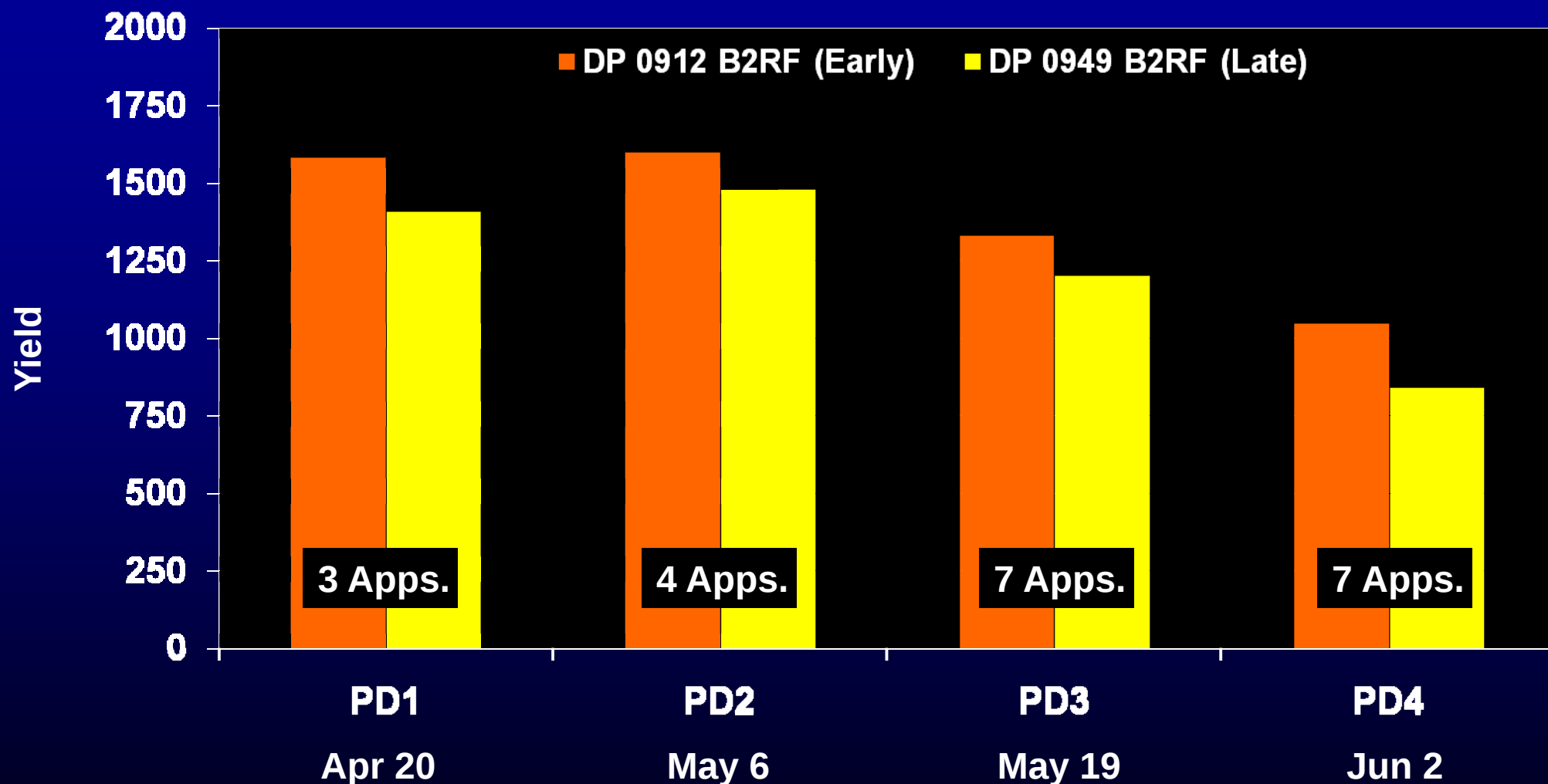
Impact of Planting Date & Varietal Maturity on TPB Management



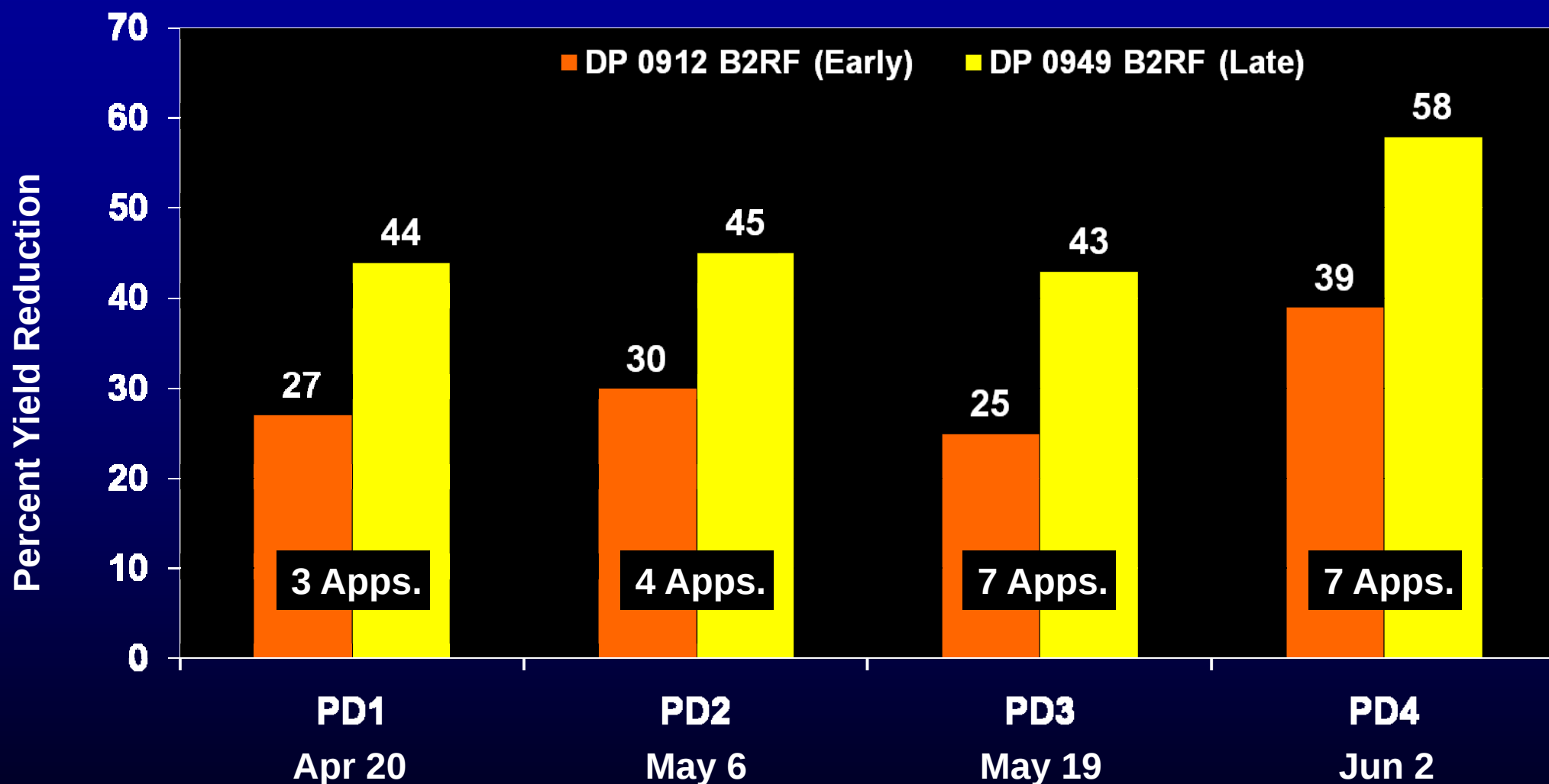
Impact of Planting Date & Varietal Maturity on TPB Management



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Impact of Planting Date & Varietal Maturity on TPB Management





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