

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

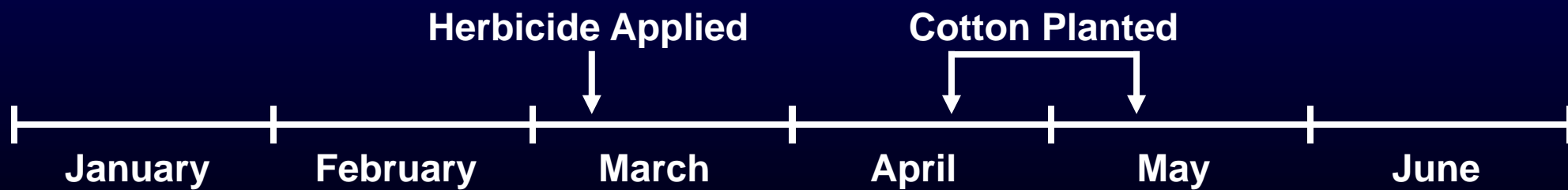


***Lamium amplexicaule* L., Henbit**

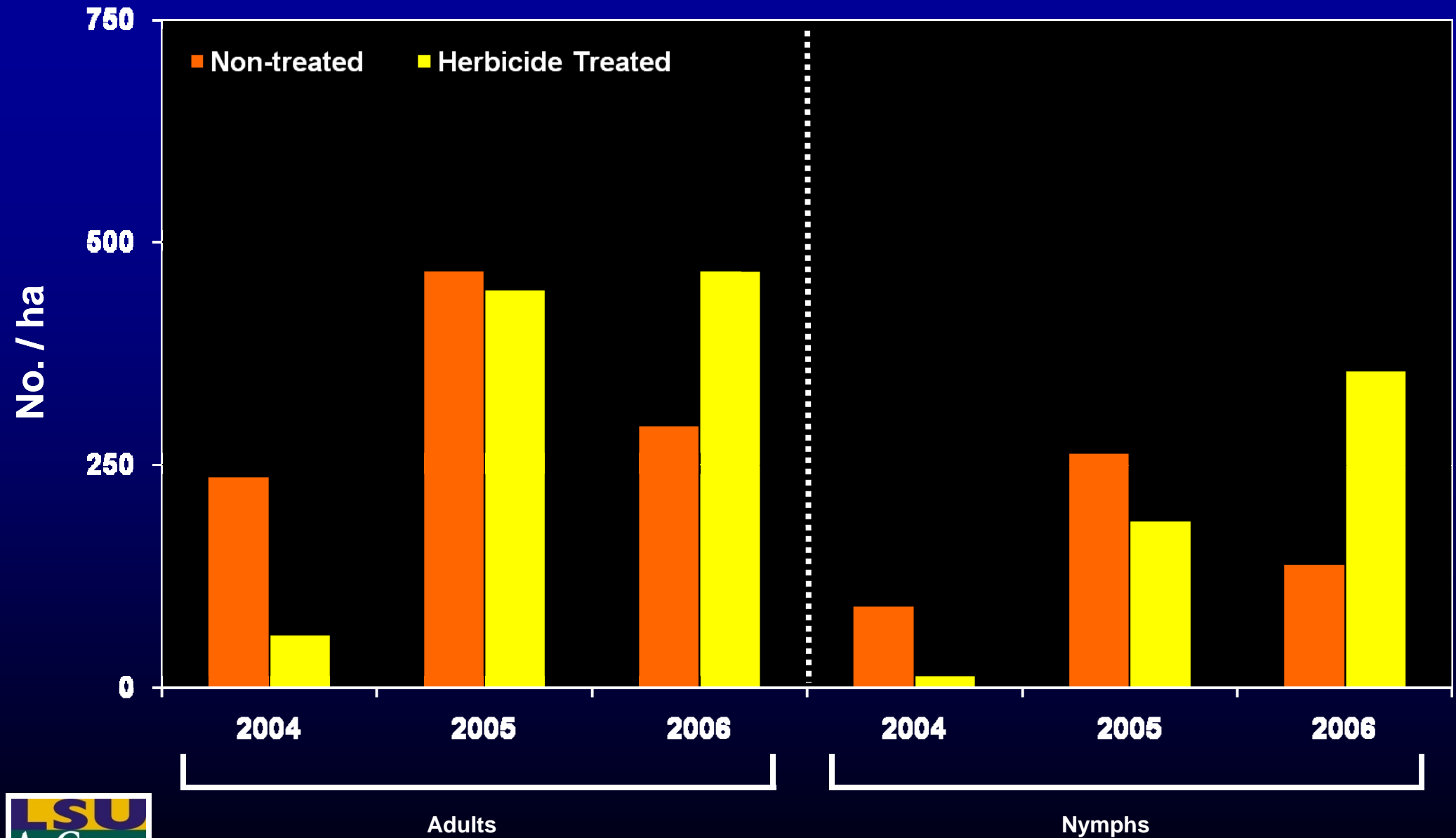
***Stellaria media* (L.) Vill., Common Chickweed**

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

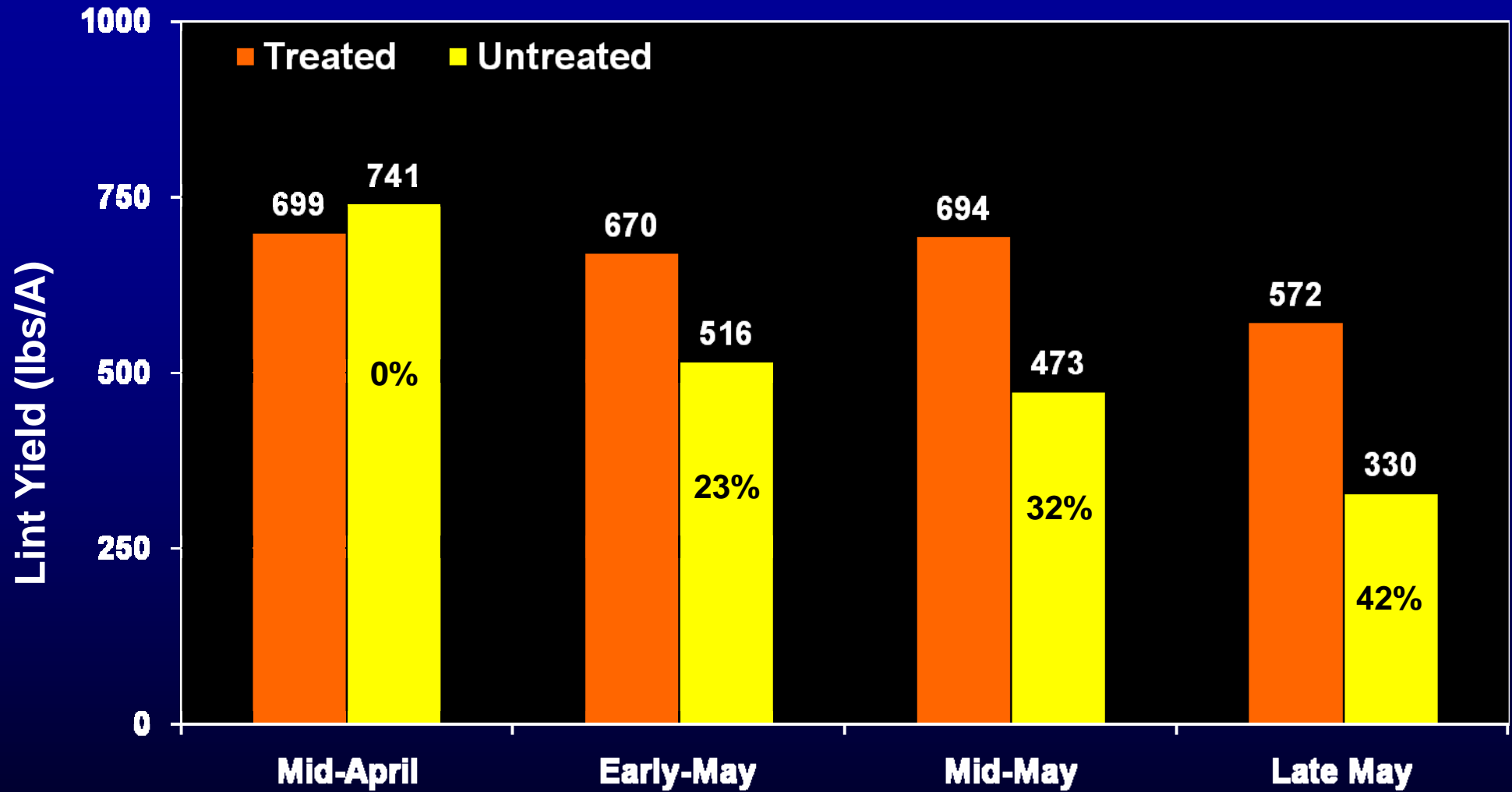
***Medicago* spp., *Trifolium* spp., Clovers**



Total TPB Collected from Cotton

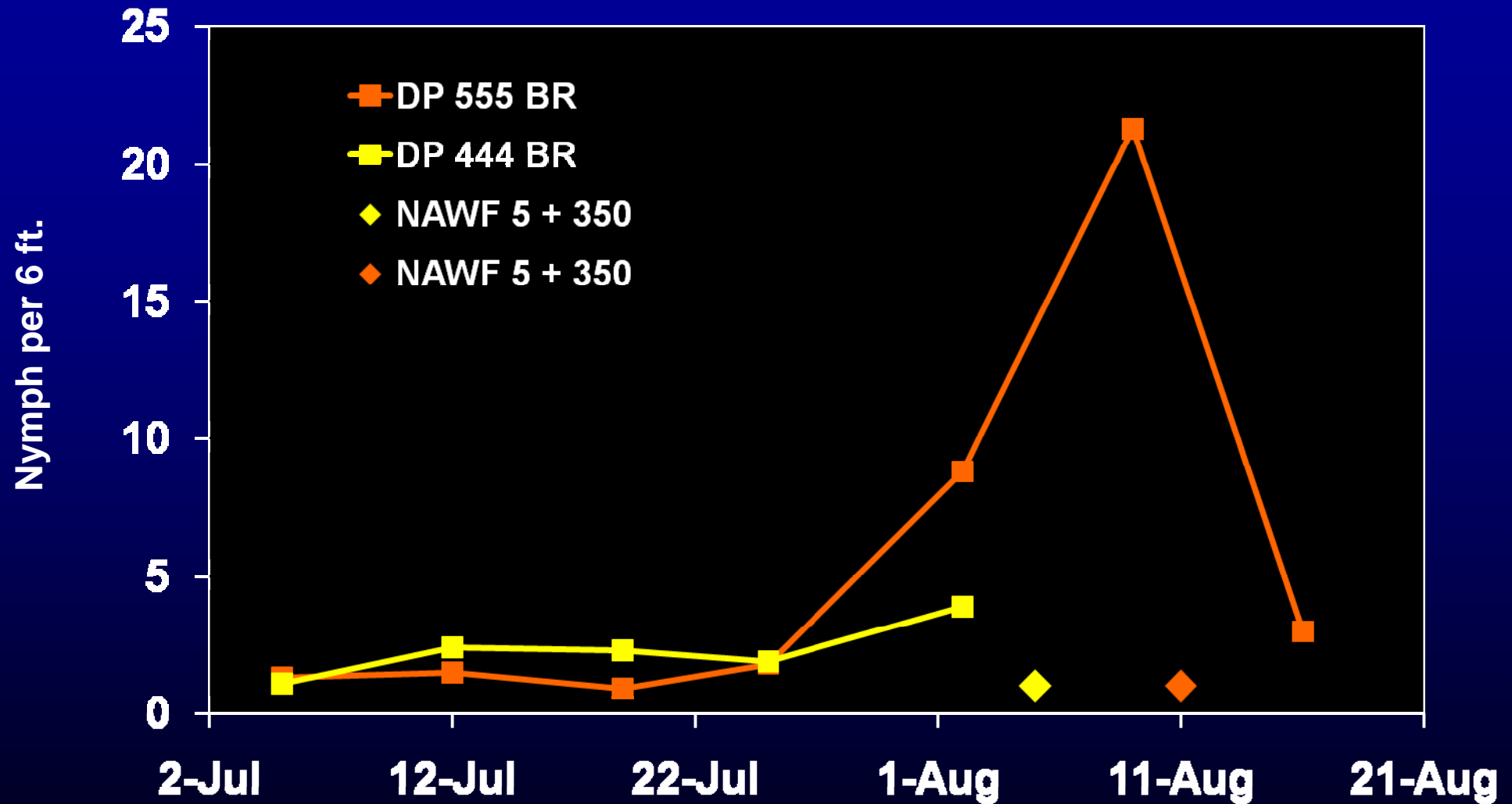


Impact of Planting Date on TPB



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

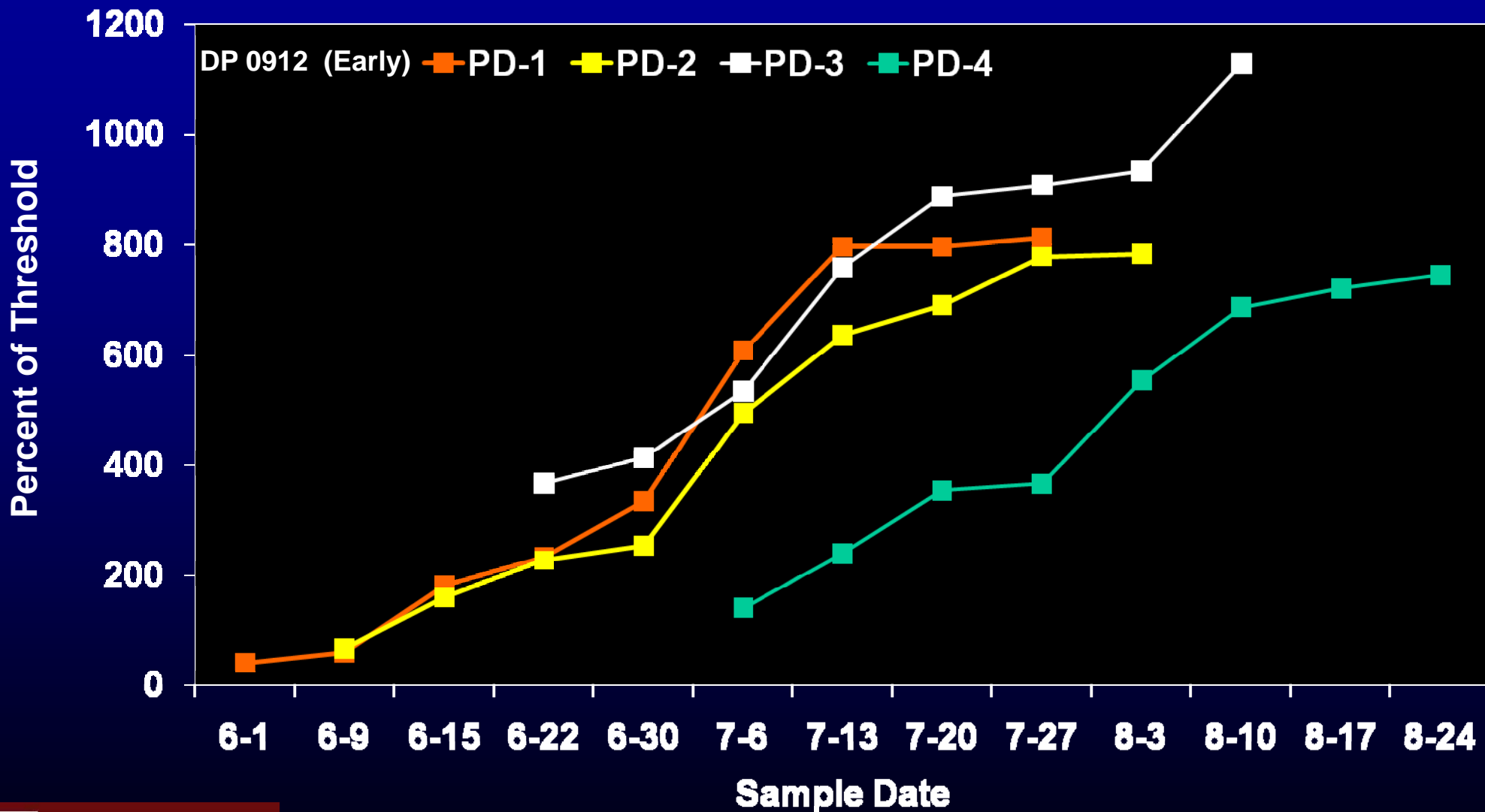
Impact of Crop Maturity on TPB



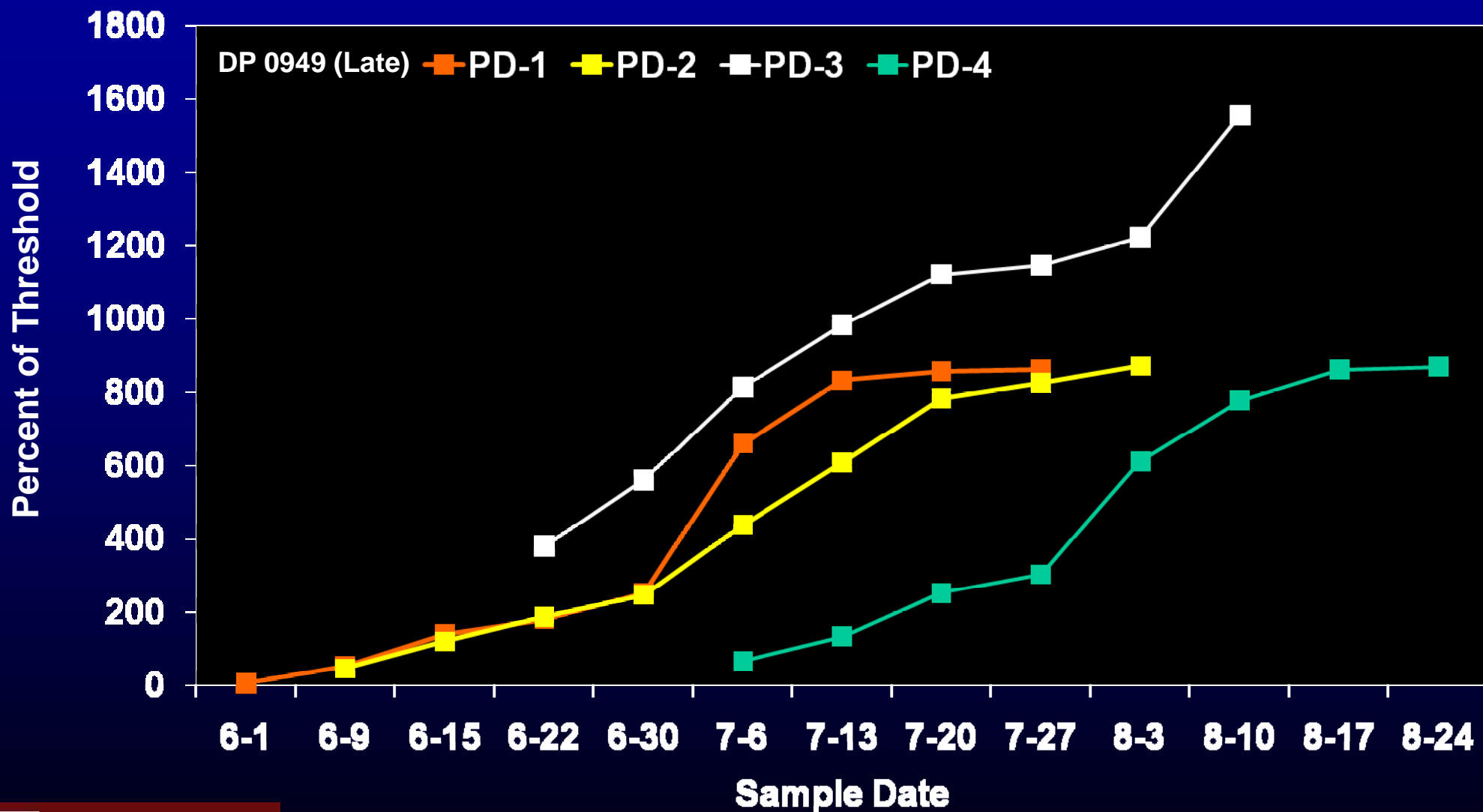
Impact of Planting Date and Maturity on TPB Management

<u>Planting Date</u>	<u>Cotton Varieties</u>	<u>TPB Management</u>
Mid-Apr Apr 20	Early Maturing Variety DP 0912	Treated as needed Non-Treated
Late-Apr/Early May May 6	Late Maturing Variety DP 0949	
Mid-May May 19		
Late-May/Early Jun Jun 2		

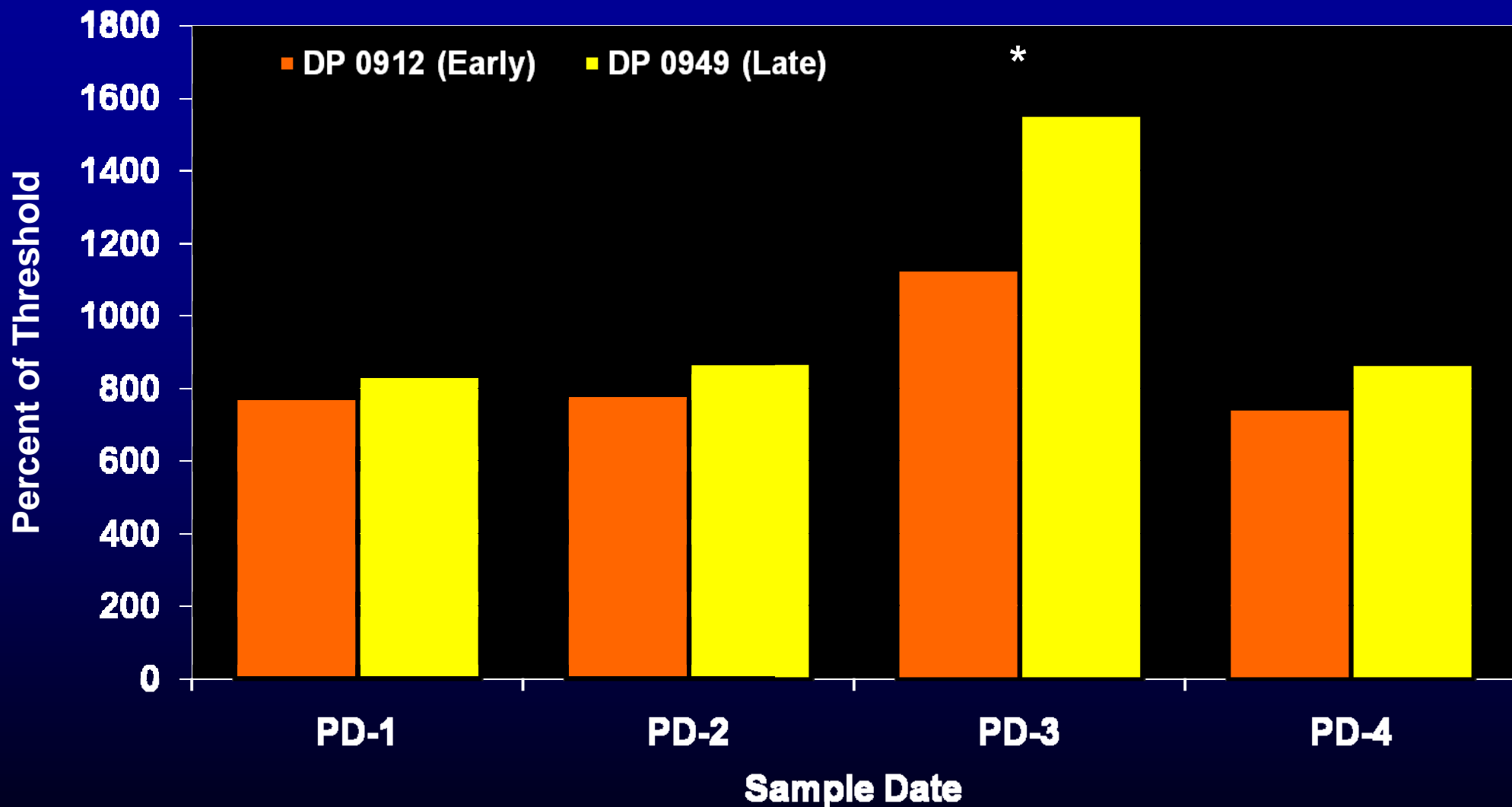
Impact of Planting Date & Varietal Maturity on TPB Management



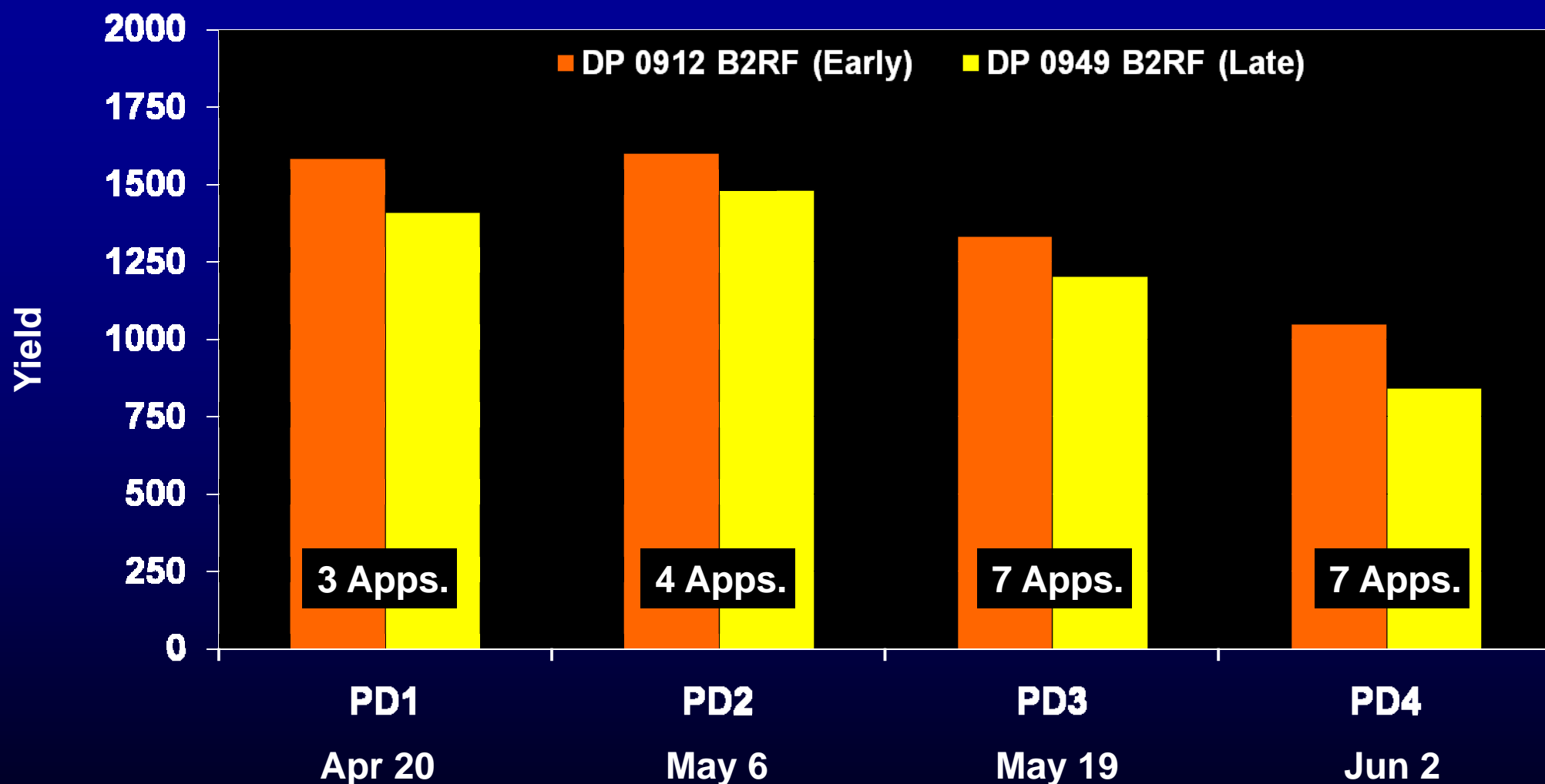
Impact of Planting Date & Varietal Maturity on TPB Management



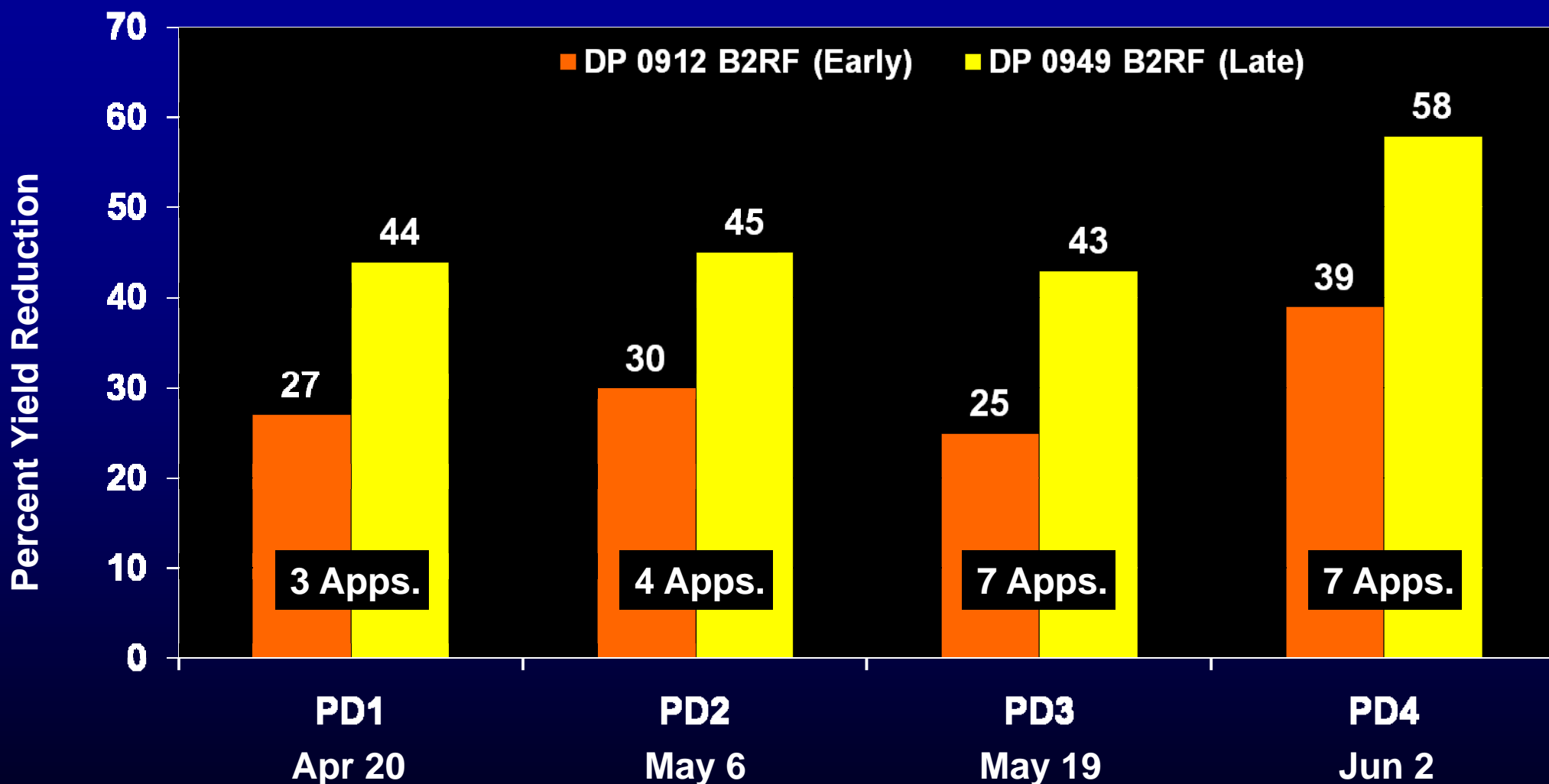
Impact of Planting Date & Varietal Maturity on TPB Management



Impact of Planting Date & Varietal Maturity on TPB Management



Impact of Planting Date & Varietal Maturity on TPB Management





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