

Louisiana Soybean IPM Update

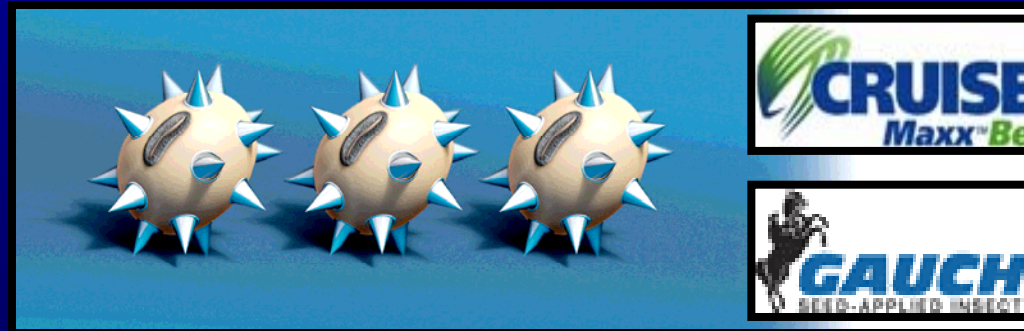


Jack Baldwin

Jeff Davis

Rogers Leonard



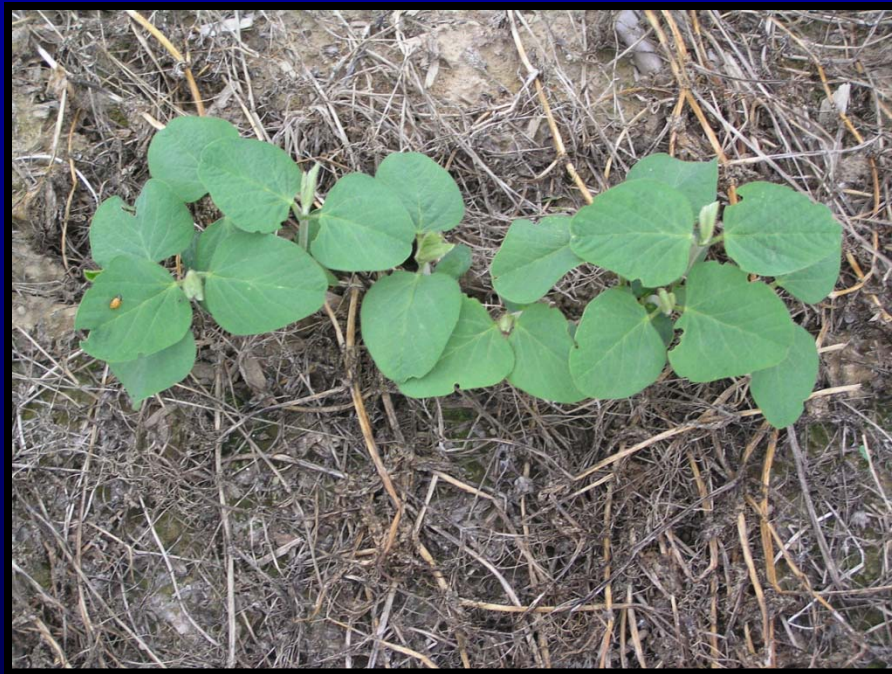


Doses/Rates for Soybean

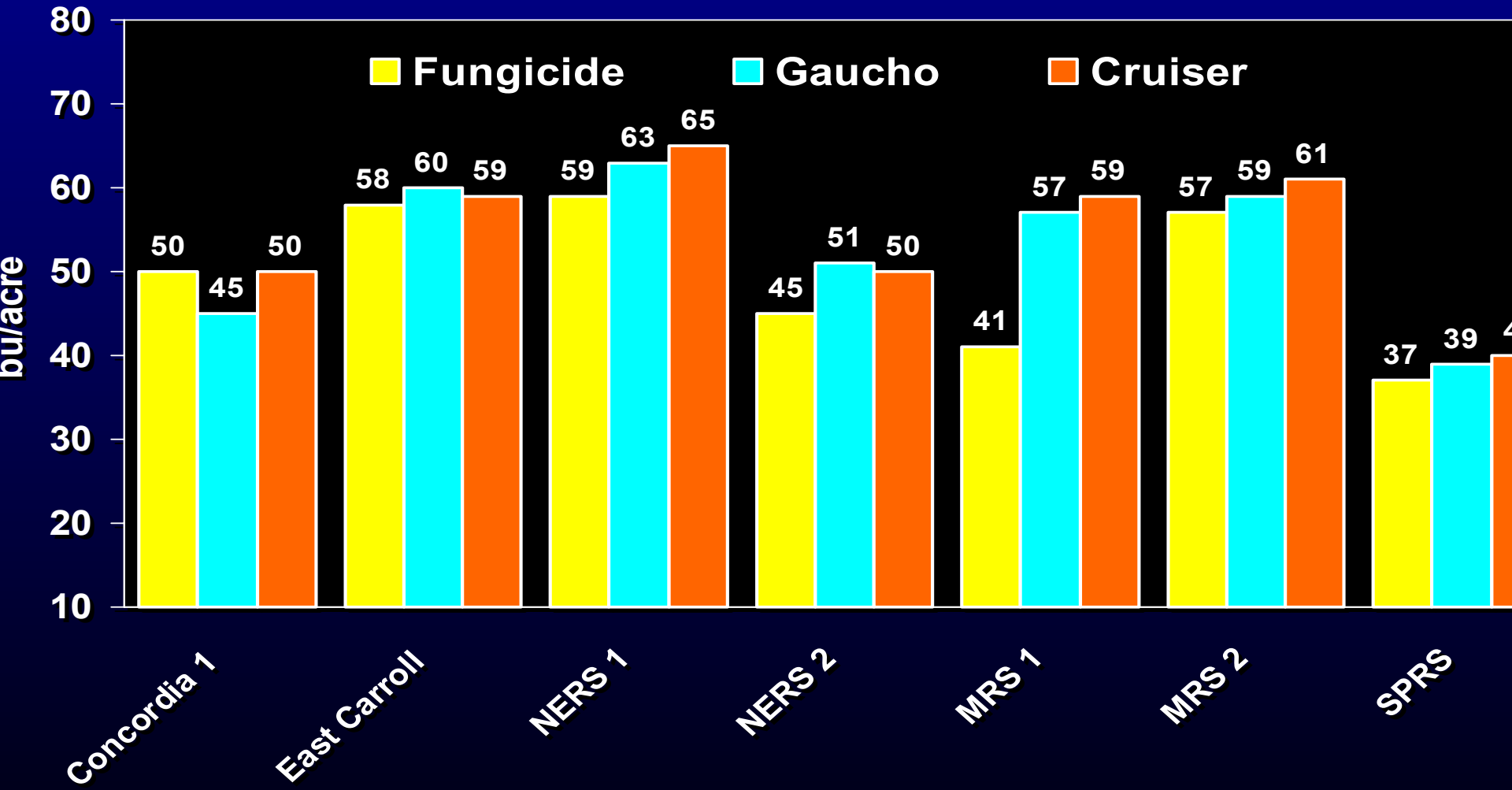
Cruiser 5F	1.28 oz [form]/cwt
CruiserMaxx	3.0 oz [form]/cwt
Gaucha 600	1.6-3.2 oz [form]/cwt



Regional IST and Planting Date Study

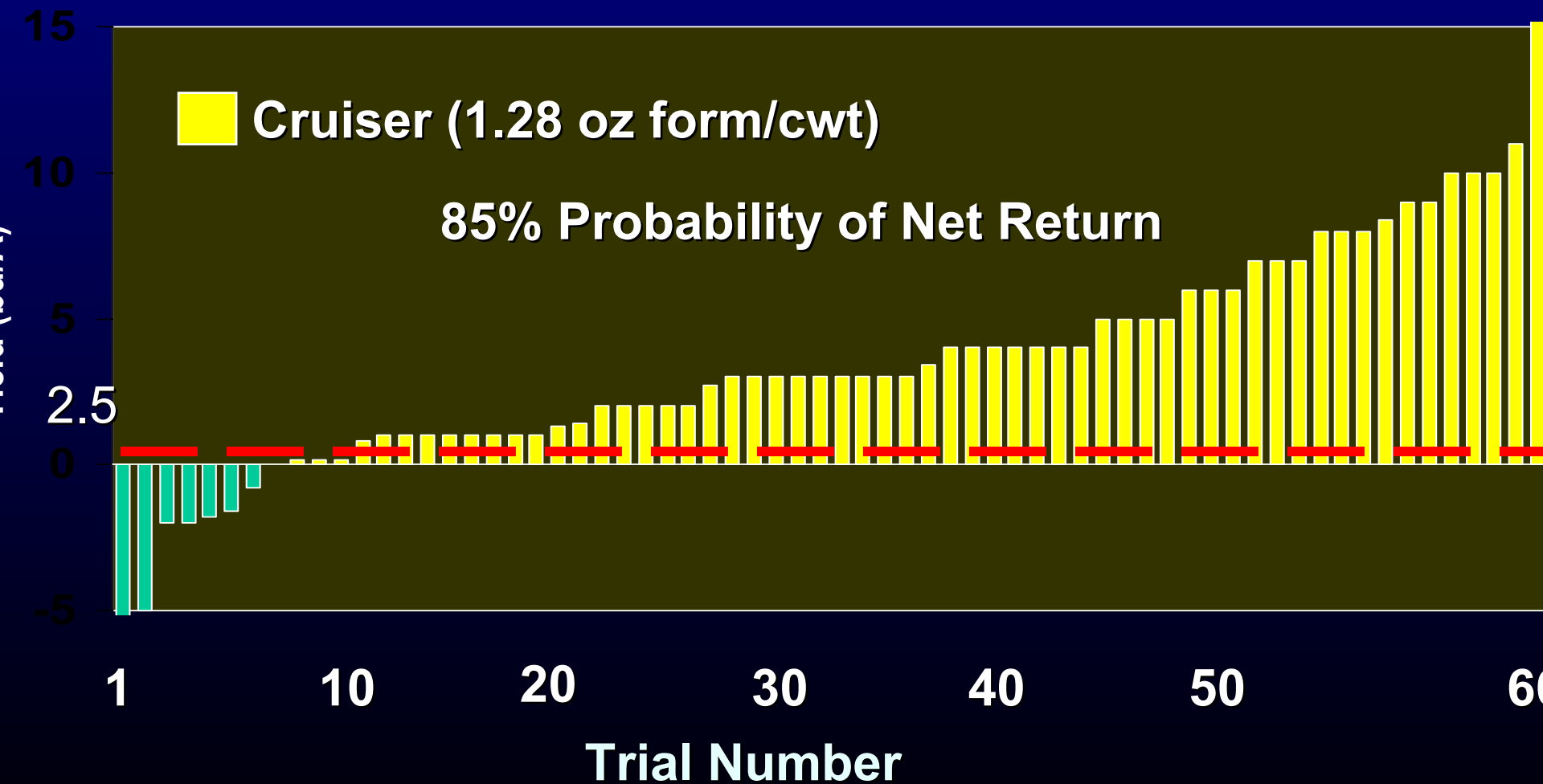


LA Soybean IST Performance - 2007



2007 Mean IST > = 5.9 Bu/Acre; Range = 0-18 Bu Seed/Acre

Soybean IST Performance Mid-South 2003-2007 3.5 bu/Acre Average

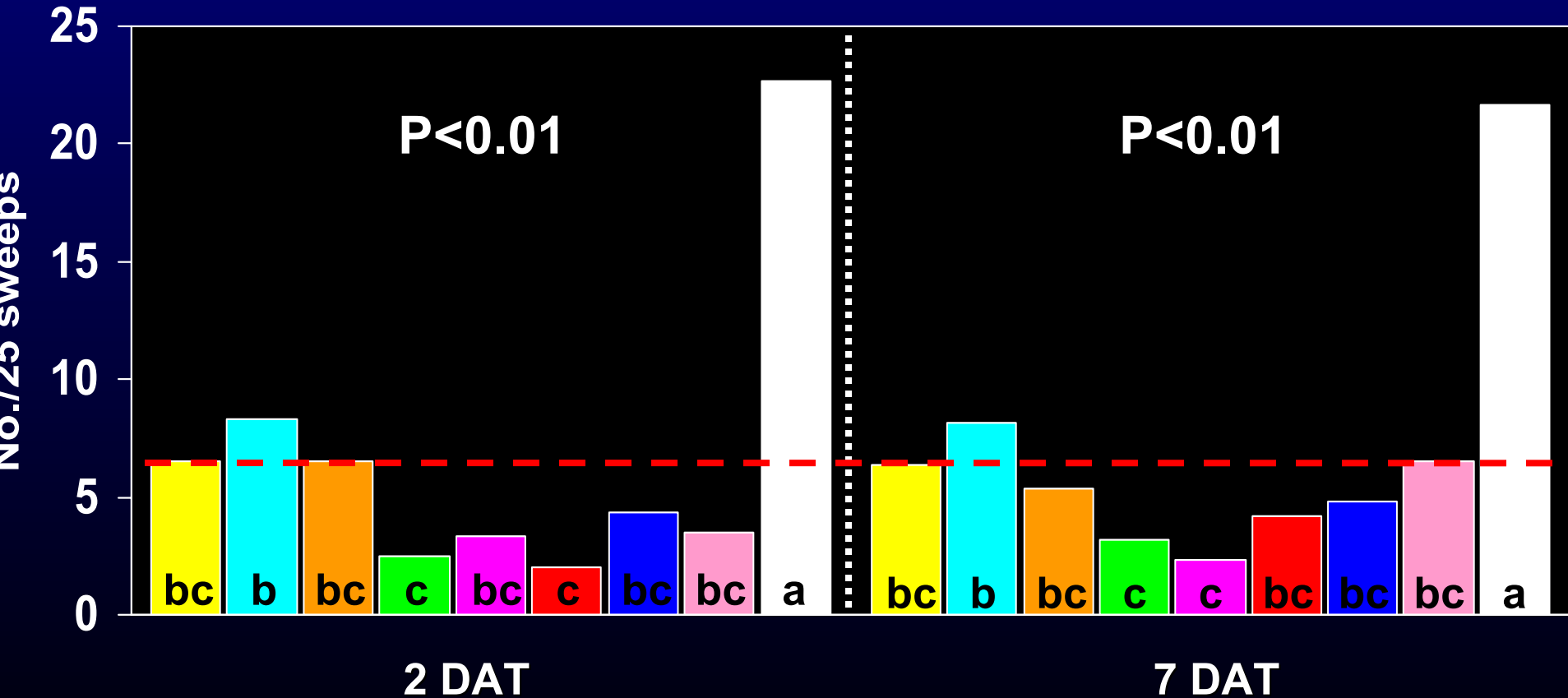


A close-up photograph of a plant stem with several green, fuzzy seed pods. The pods are elongated and have a fine, hair-like texture. The background is a soft-focus green, suggesting a natural outdoor setting.

- **Insecticide Seed Treatments**

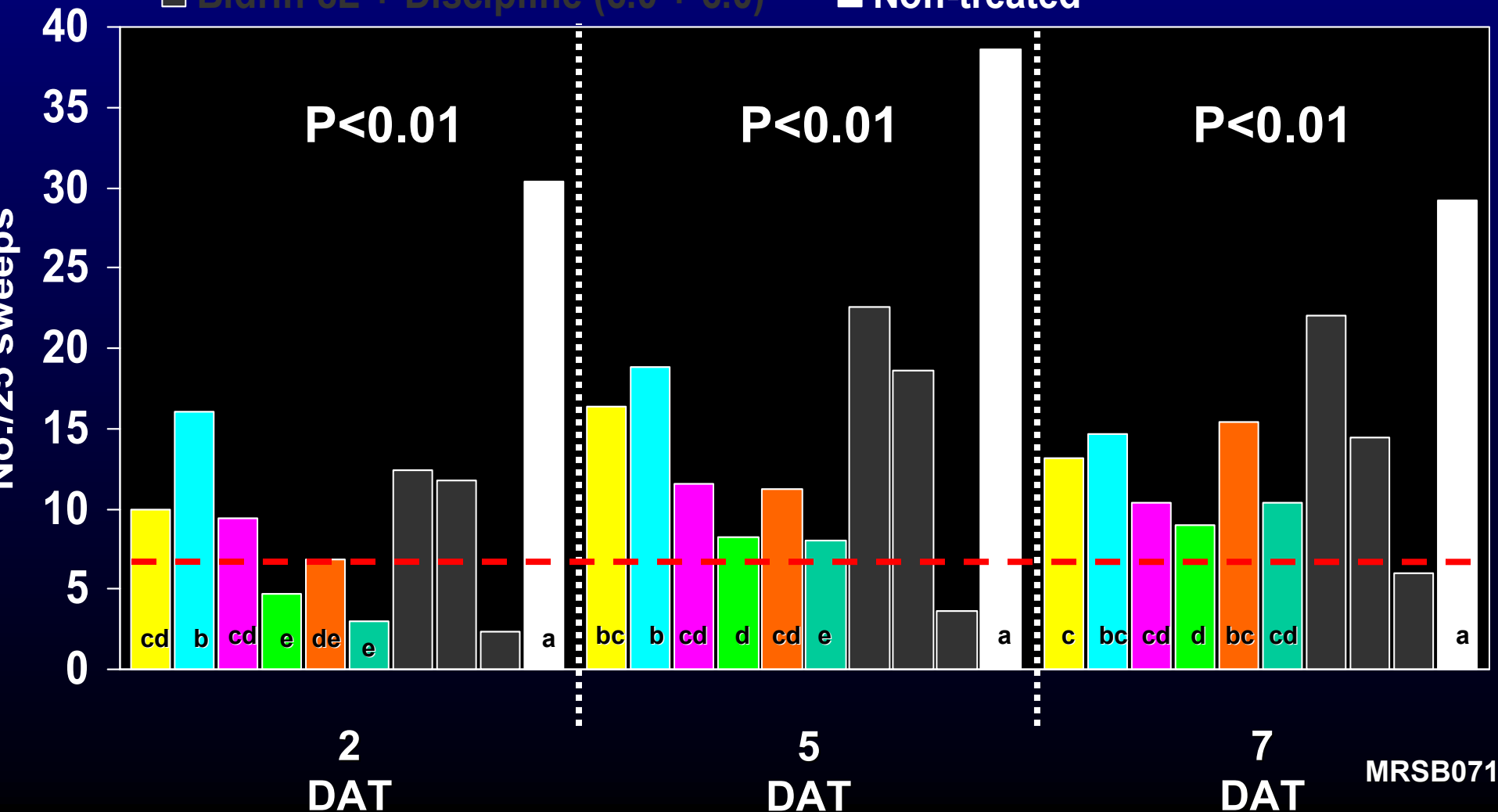
- **Results of Insecticide Trials**

Stink Bug Control, 2007



Stink Bug Control, 2007

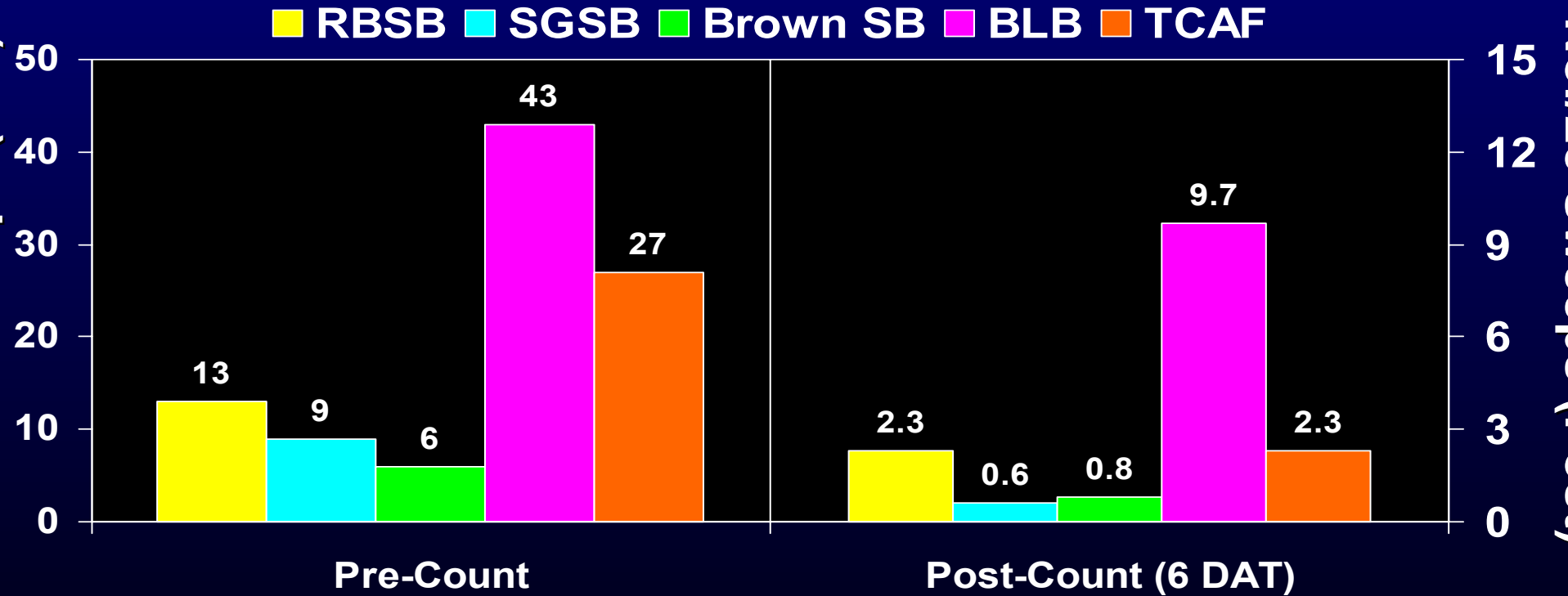
- Baythroid 1EC (2.8 fl oz/a)
- Cobalt 4EC (38 oz/a)
- Leverage 2.7SE (3.75 fl oz/a)
- Endigo 2L (4.5 fl oz/a)
- Orthene 90SP (16 oz wt/a)
- Baythroid + Orthene (2.8 + 8.0)
- Respect + BAS 320WI (4.0 + 19.0)
- Discipline 2EC (6.0 fl oz/a)
- Bidrin 8L + Discipline (6.0 + 6.0)
- Non-treated



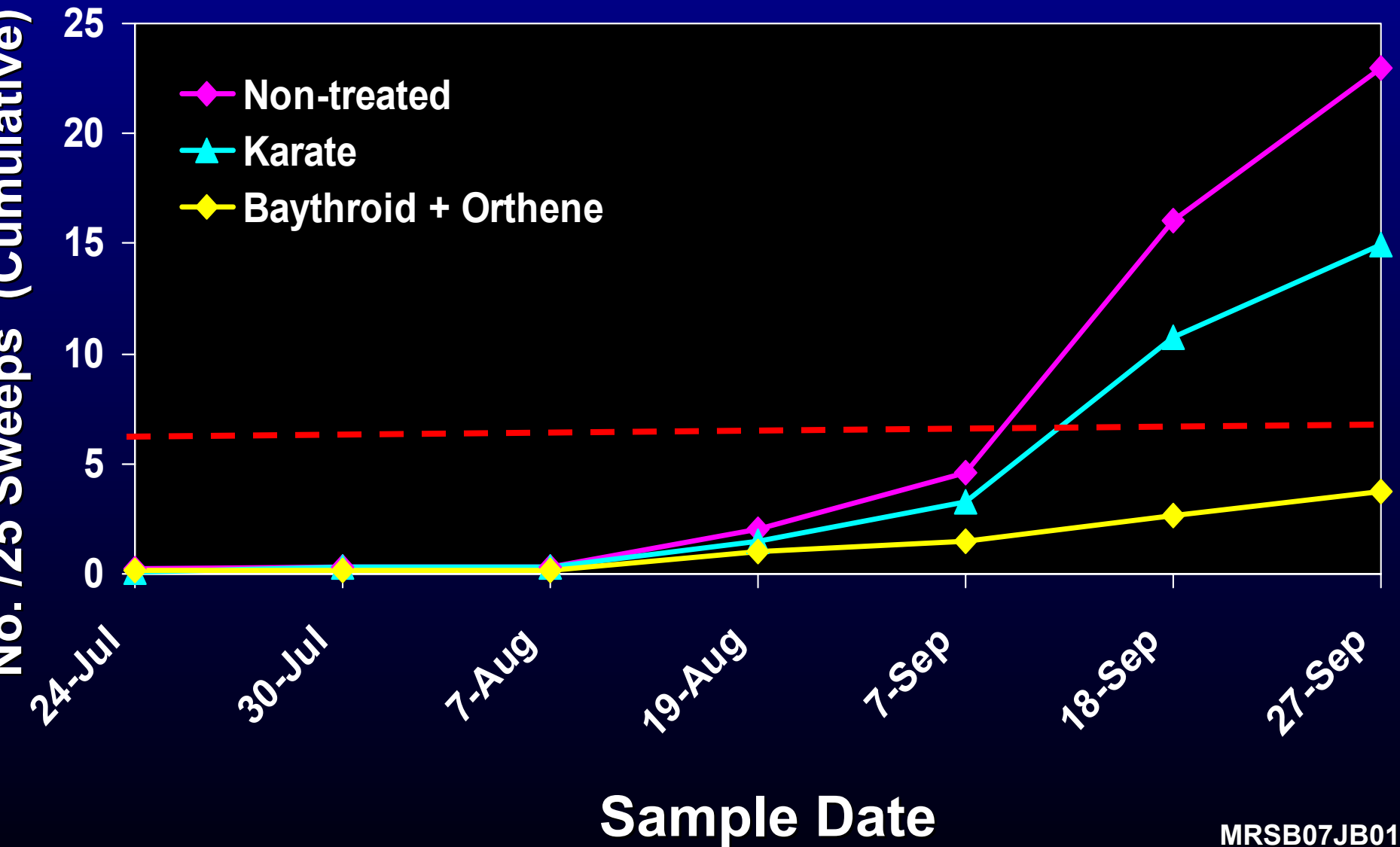
Insecticide “Mixes”

Product	Components	Company
	Baythroid + Orthene	
Endigo 2.06SC	Karate + Centric	Syngenta
Cobalt 2.55EC	Prolex + Lorsban	Dow AgroSciences
Leverage	Baythroid + Trimax Pro	Bayer

Efficacy of Baythroid (1/60) + Orthene (0.5 lb) Against a Soybean Pest Complex Macon Ridge 2006 (6 DAT)



Red-Banded Stink Bug Populations, 2007



Insecticide Treatment Termination for Stink Bugs

Treatment	Rate/acre lb (AI)	Sprays (No)	Yield (Bu/Acre)	Moisture (%)	seed wt. (g)
Non-treated	----	0	39.6c	14.2a	12.9b
Permethrin (R5)	0.8	2	46.2b	14.0ab	13.4b
Permethrin (R6)	0.8	4	50.8a	13.7bc	14.1a
Permethrin (R7)	0.8	6	53.5a	13.4c	13.9a
(P>F)			<0.01	<0.01	<0.01

Started Sprays at Soybean Growth Stage – R4.

Treated Through R7



Non-Treated





Louisiana Soybean and Grain Promotion Board

