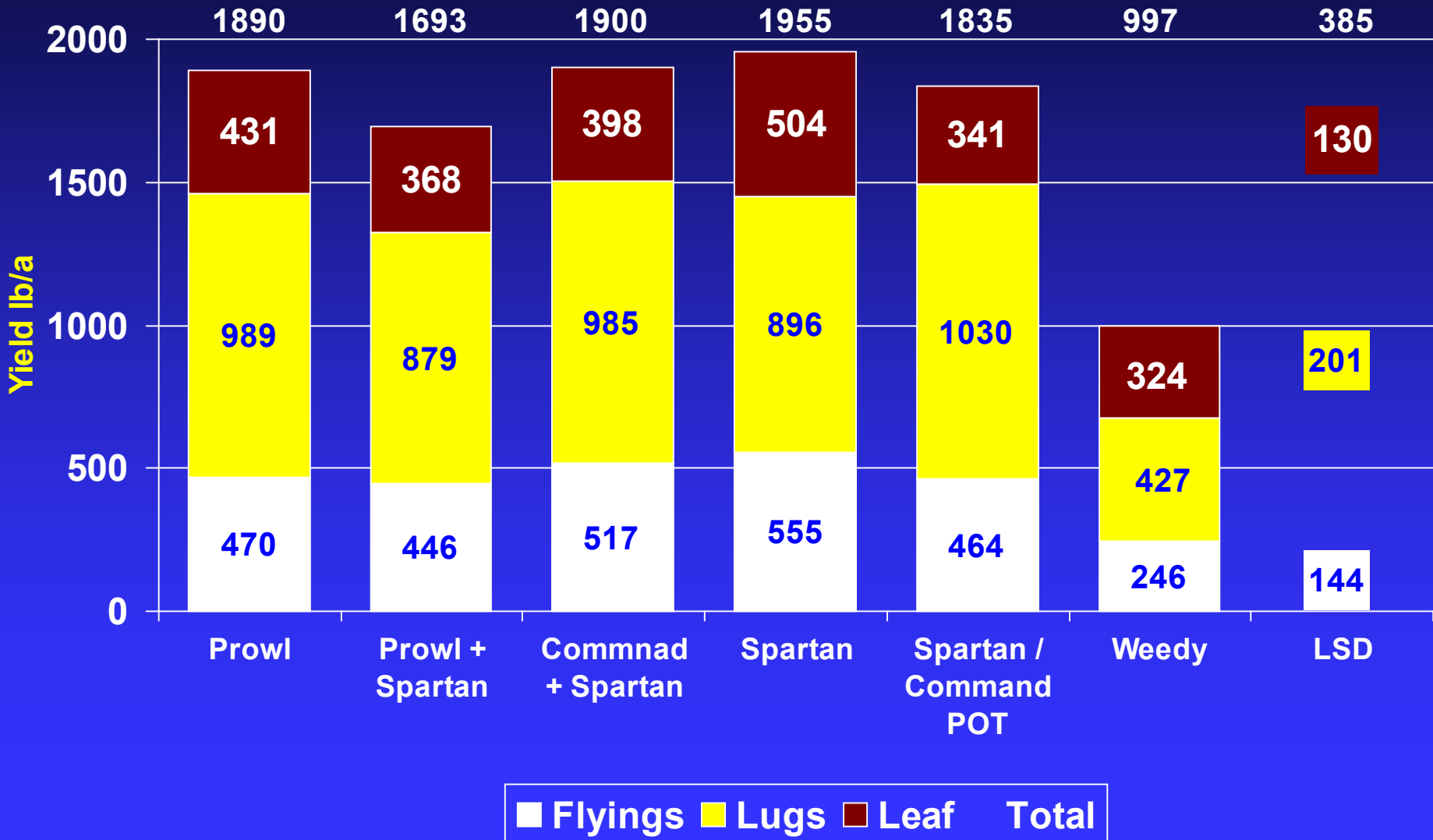


Herbicide Trials

Only one herbicide trial was conducted. Conditions were dry with heavy weed pressure which can be seen by the dramatic effect of the weedy plots on yield. All treatments performed statistically similar.

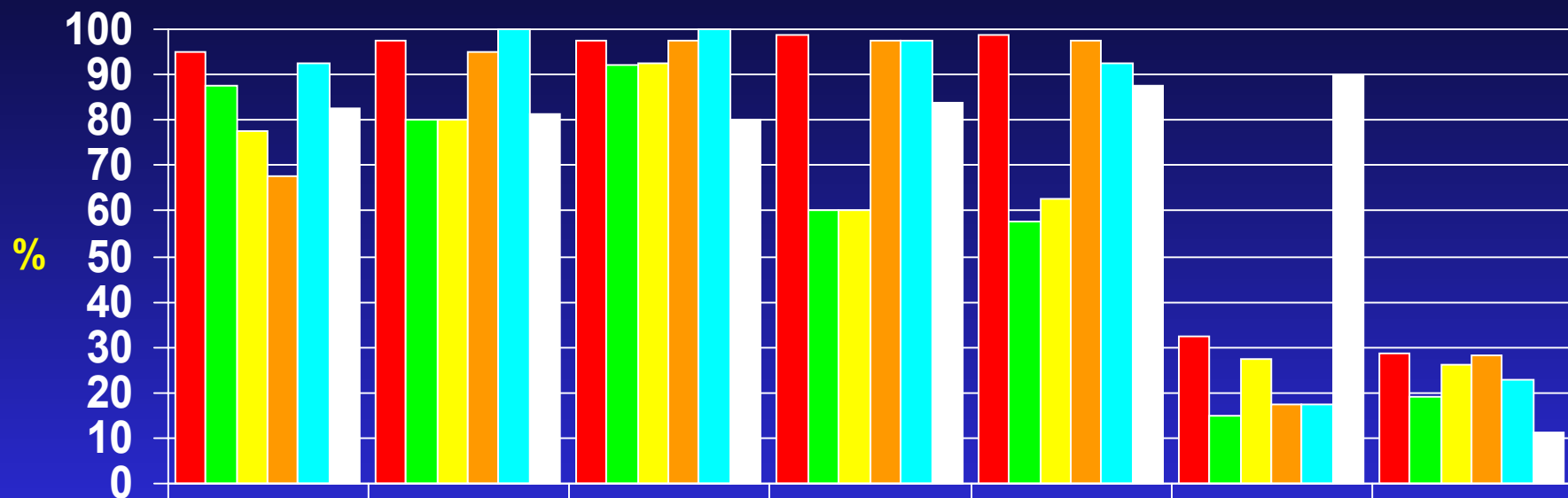
Herbicide Trial

Pulaski Co. – Joel Wilson Farm



Weed Response to Herbicides

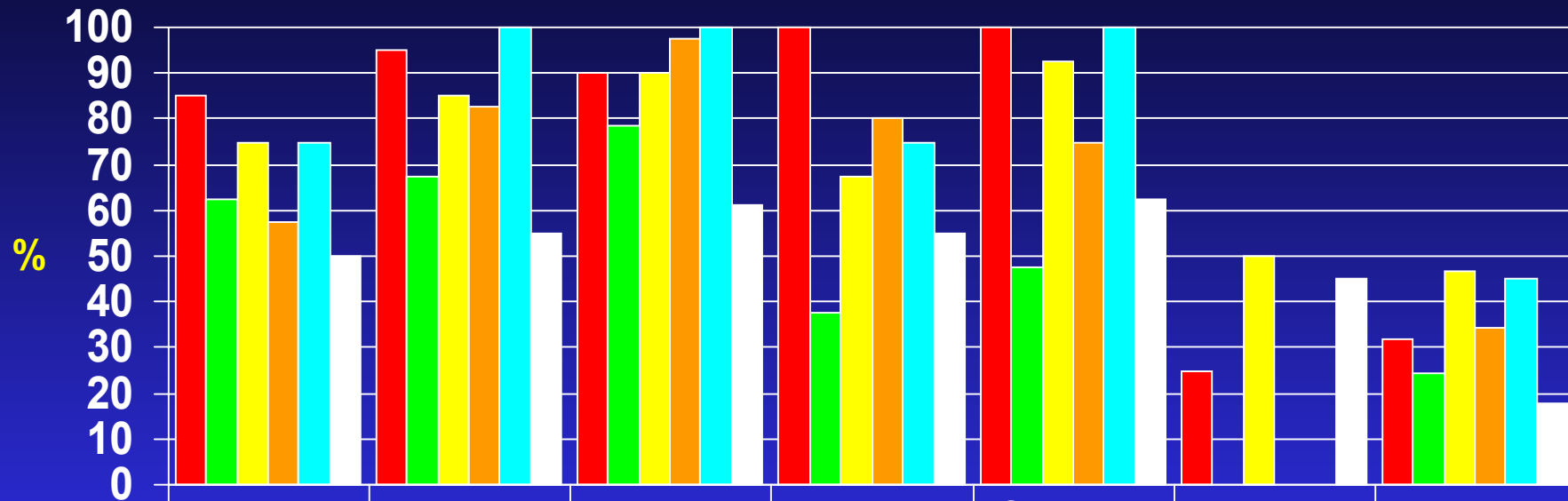
Pulaski Co. – Joel Wilson Farm (1st Rating)



	Prowl	Prowl + Spartan	Command + Spartan	Spartan	Spartan / Command POT	Weedy	LSD
■ Pigweed	95	97.5	97.5	98.75	98.75	32.5	28.7
■ Foxtail	87.5	80	92.25	60	57.5	15	19.2
■ Crabgrass	77.5	80	92.5	60	62.5	27.5	26.1
■ Smartweed	67.5	95	97.5	97.5	97.5	17.5	28.4
■ Purslane	92.5	100	100	97.5	92.5	17.5	22.9
■ Vigor	82.5	81.25	80	83.75	87.5	90	11.1

Weed Control in Burley Tobacco

Pulaski Co. – Joel Wilson Farm (2nd Rating)



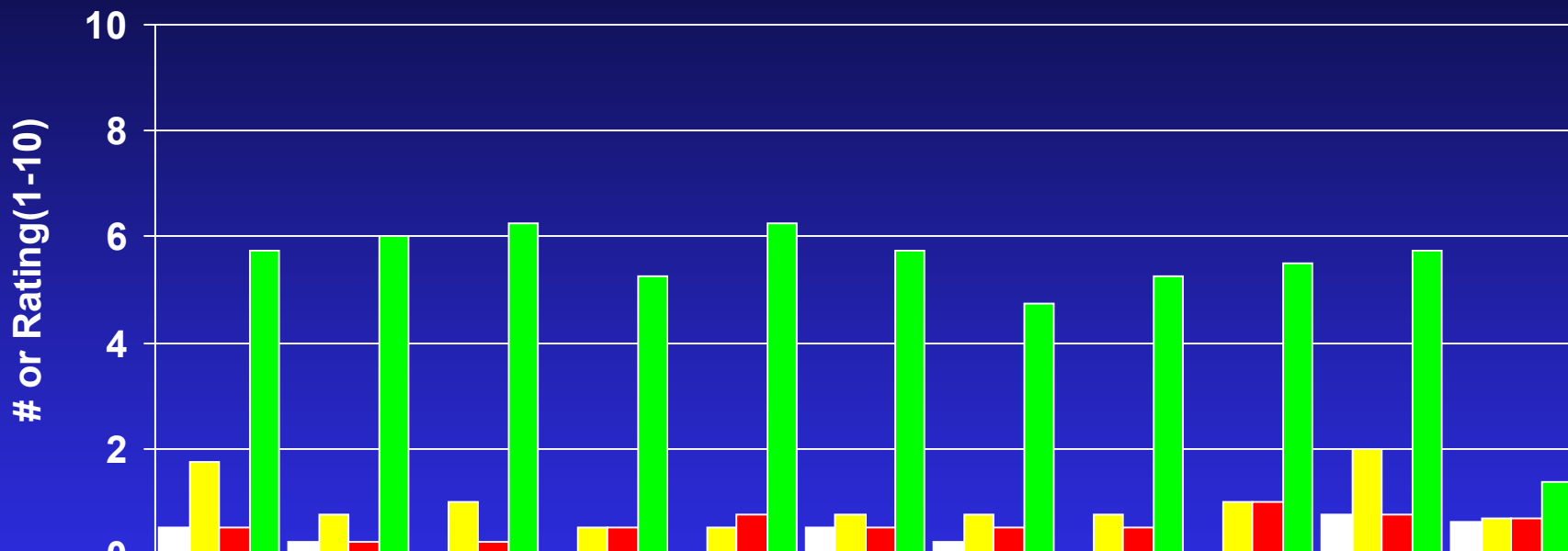
	Prowl	Prowl + Spartan	Command + Spartan	Spartan	Spartan / Command POT	Weedy	LSD
■ Pigweed	85	95	90	100	100	25	31.9
■ Foxtail	62.5	67.5	78.5	37.5	47.5	0	24.4
■ Crabgrass	75	85	90	67.5	92.5	50	46.8
■ Smartweed	57.5	82.5	97.5	80	75	0	34.2
■ Purslane	75	100	100	75	100	0	44.9
■ Vigor	50	55	61.25	55	62.5	45	17.8

Insecticide Trials

Orthene had significantly more flea beetles than most Platinum and Admire treatments and more flea beetle damage than all but the check in early ratings. In later ratings no flea beetle differences were detecting among the treatments. Aphid colonies were higher where Orthene alone was used as a transplant water treatment than most of the Platinum and Admire treatments but was not different from the check. The Admire drench yielded significantly lower than some of the other treatments.

Influence of Insecticide Treatments on Insect Pressure

Boyle Co - Wesley Pruitt Farm (1st rating)

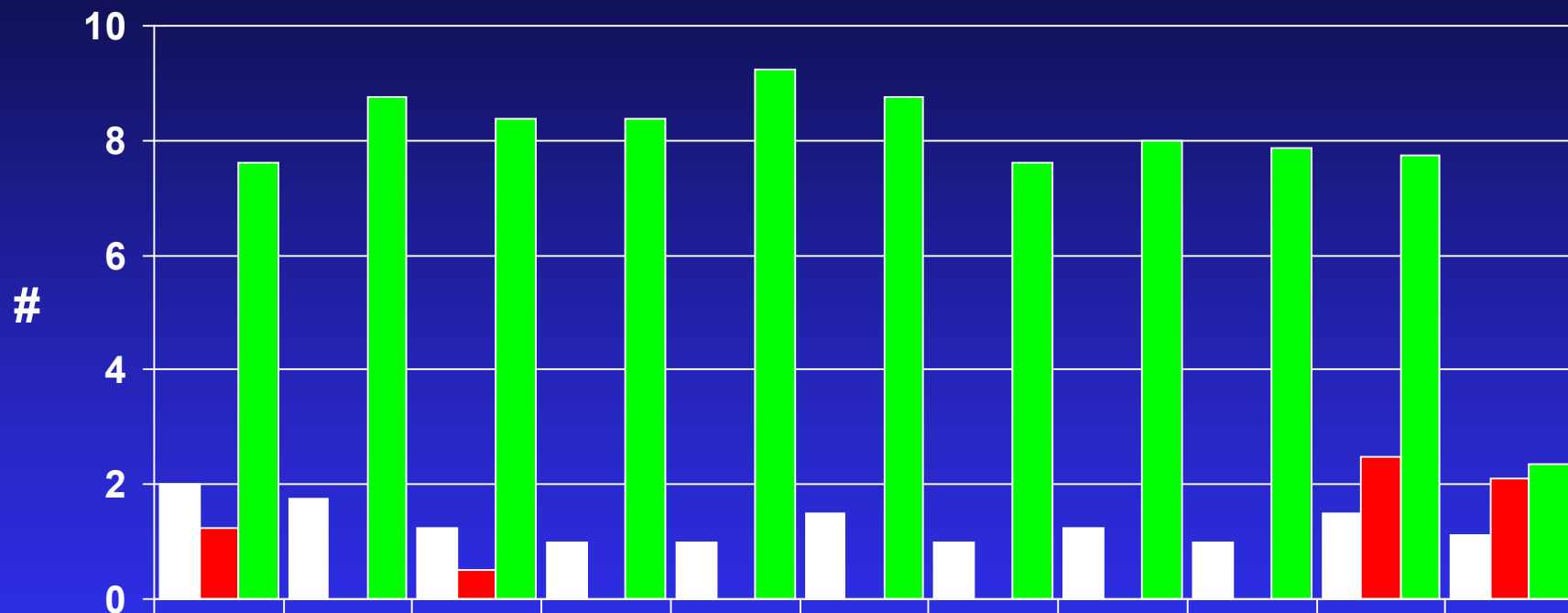


	Check	P-Trans 3	P-Trans 5	P-Trans 8	P- Drench 3	P- Drench 5	P- Drench 8	A-Trans 10	A- Drench 10	O-Trans (.77)	LSD
■ Fleabeetles	0.5	0.25	0	0	0	0.5	0.25	0	0	0.75	0.62
■ FB Damage	1.75	0.75	1	0.5	0.5	0.75	0.75	0.75	1	2	0.7
■ Aphids	0.5	0.25	0.25	0.5	0.75	0.5	0.5	0.5	1	0.75	0.68
■ Vigor	5.75	6	6.25	5.25	6.25	5.75	4.75	5.25	5.5	5.75	1.36

P=Platinum, A=Admire, O=Orthene #=fl oz/a except Orthene in lb/a, Trans = Transplant water, Drenched plants were treated 1 week prior to Transplanting

Influence of Insecticide Treatments on Insect Pressure

Boyle Co - Wesley Pruitt Farm (2nd rating)

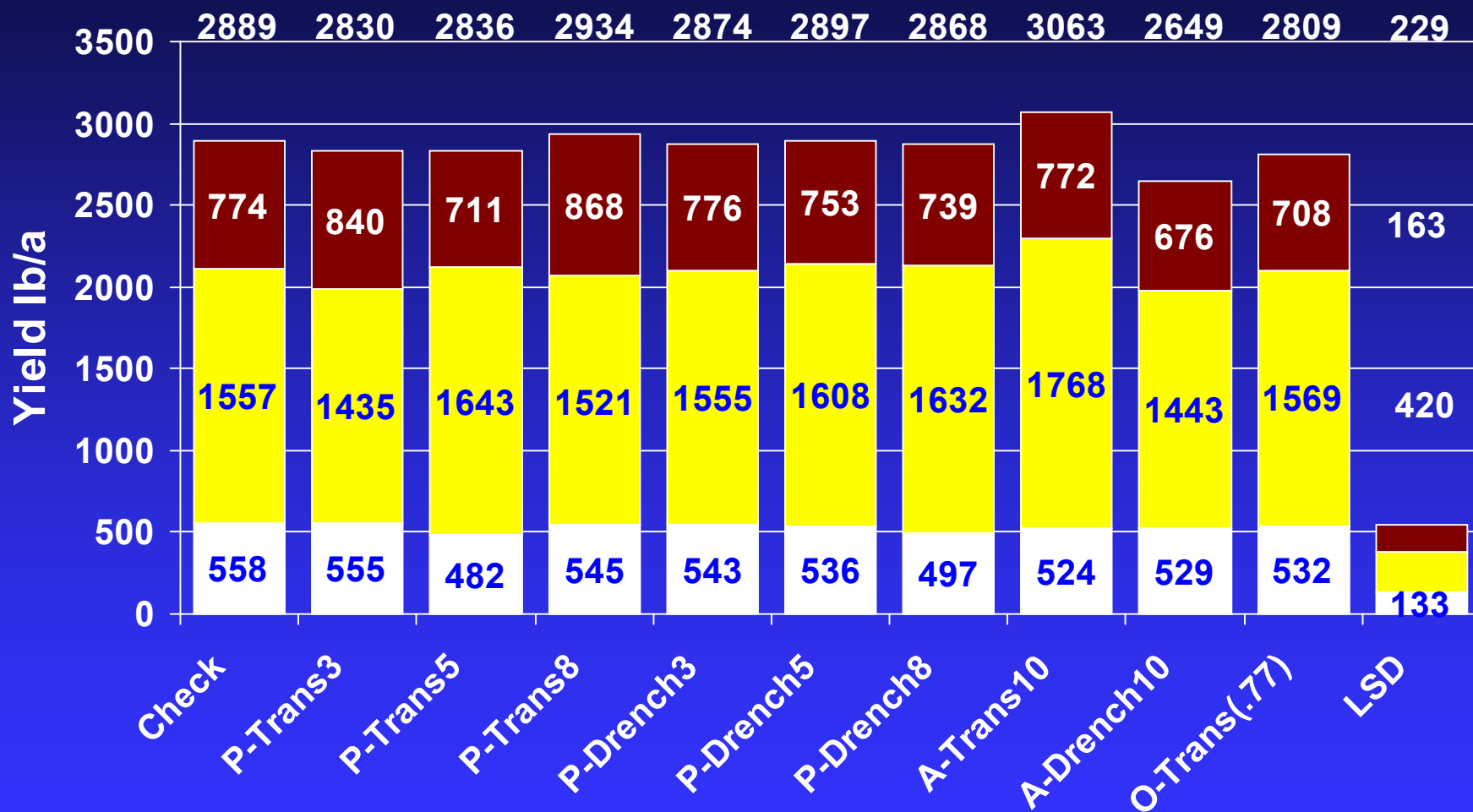


	Check	P-Trans 3	P-Trans 5	P-Trans 8	P-Drench 3	P-Drench 5	P-Drench 8	A-Trans 10	A-Drench 10	O-Trans (.77)	LSD
■ Fleabeetles	2	1.75	1.25	1	1	1.5	1	1.25	1	1.5	1.1
■ Aphids	1.25	0	0.5	0	0	0	0	0	0	2.5	2.09
■ Vigor	7.625	8.75	8.375	8.375	9.25	8.75	7.625	8	7.875	7.75	2.36

P=Platinum, A=Admire, O=Orthene #=fl oz/a except Orthene in lb/a, Trans = Transplant water, Drenched plants were treated 1 week prior to Transplanting

Influence of Insecticide Treatments on Burley Yield

Boyle Co - Wesley Pruitt Farm



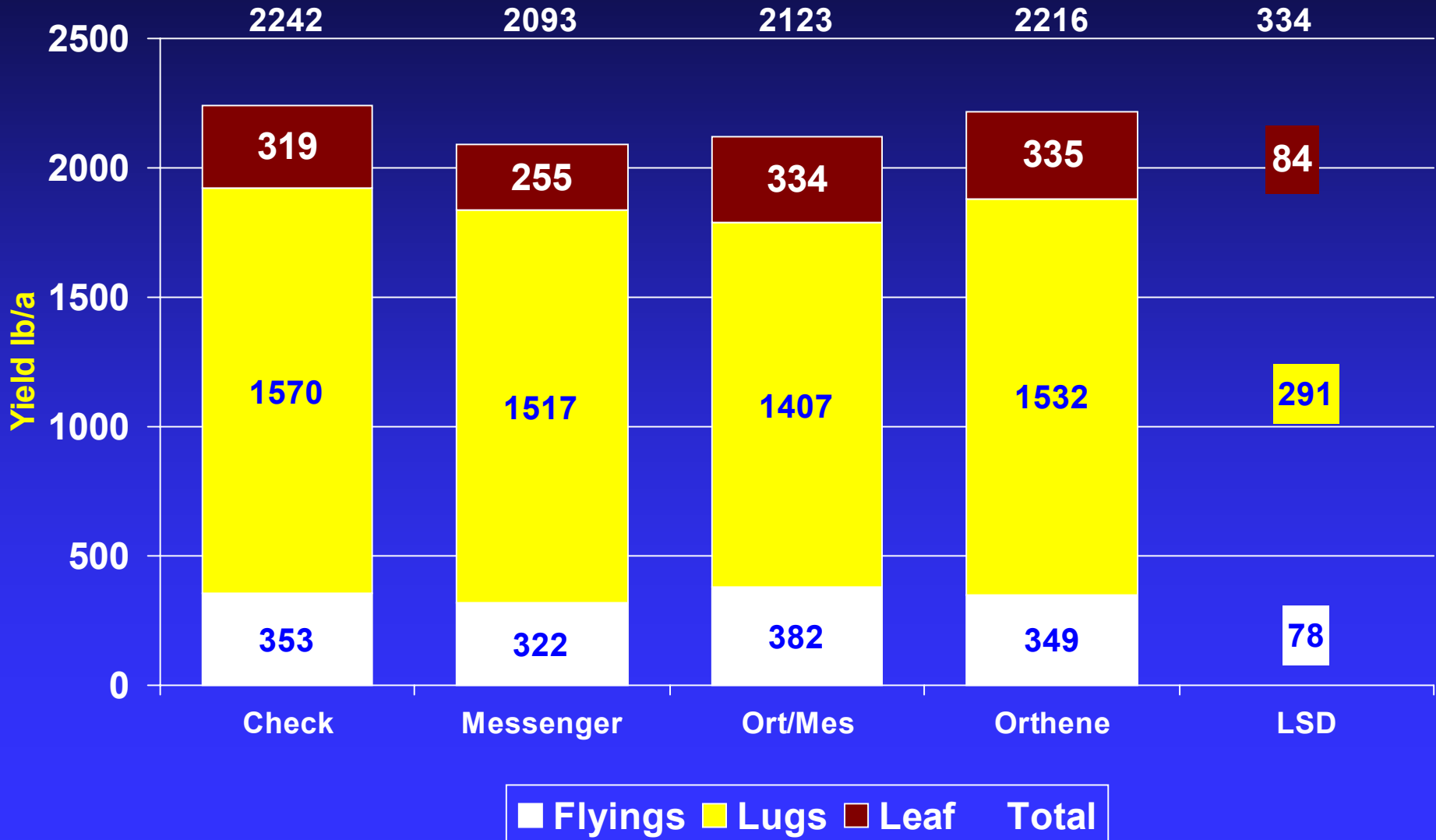
P=Platinum, A=Admire, O=Orthene #=fl oz/a except Orthene in lb/a, Trans = Transplant water, Drenched plants were treated 1 week prior to Transplanting

Growth Regulators

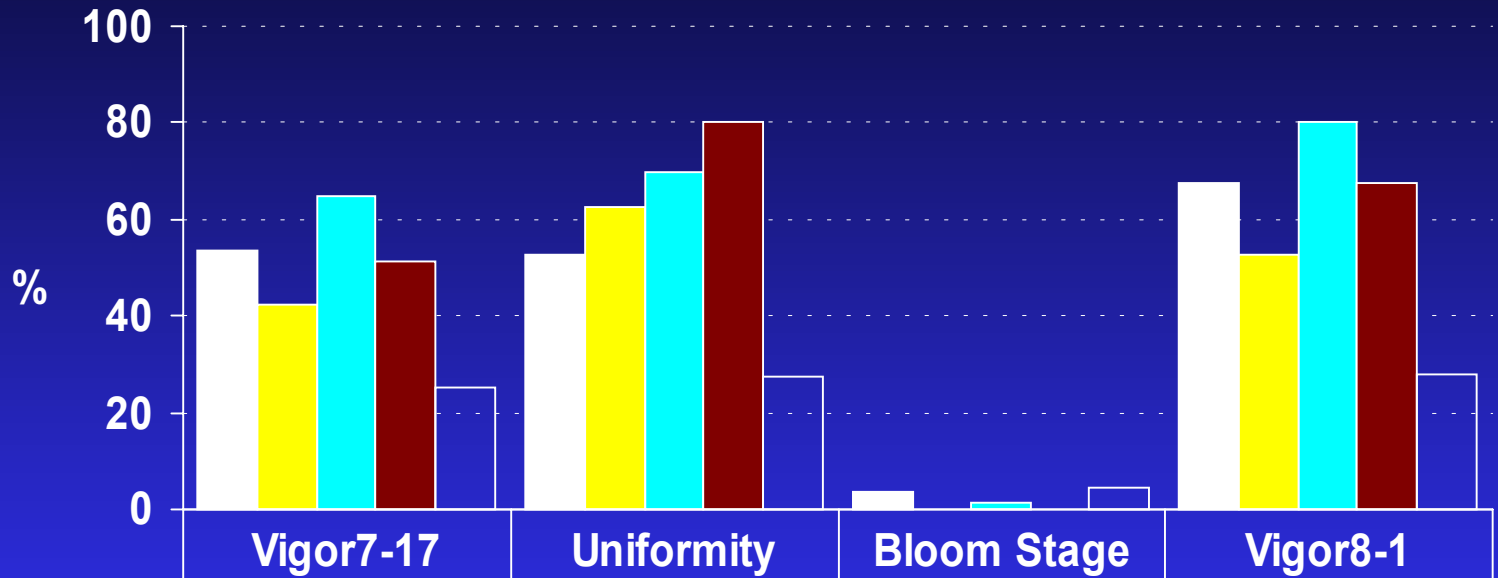
Messenger and Orthene were tested for possible influence on tobacco growth. In Fayette County there were no significant differences between treatments and the check for vigor in July. The Orthene+Messenger plots were significantly more uniform than the check. There was no significant difference in bloom stage or vigor in August and no significant differences in yield.

In Pulaski County black shank caused significant impact on the test. The check was more vigorous and uniform than the treated plots and black shank was greater in the Messenger plots. Black shank incidence did not appear to be related to Messenger use.

Interaction of Messenger and Orthene on Burley Tobacco Growth and Development Fayette Co. – Travis Fritz Farm



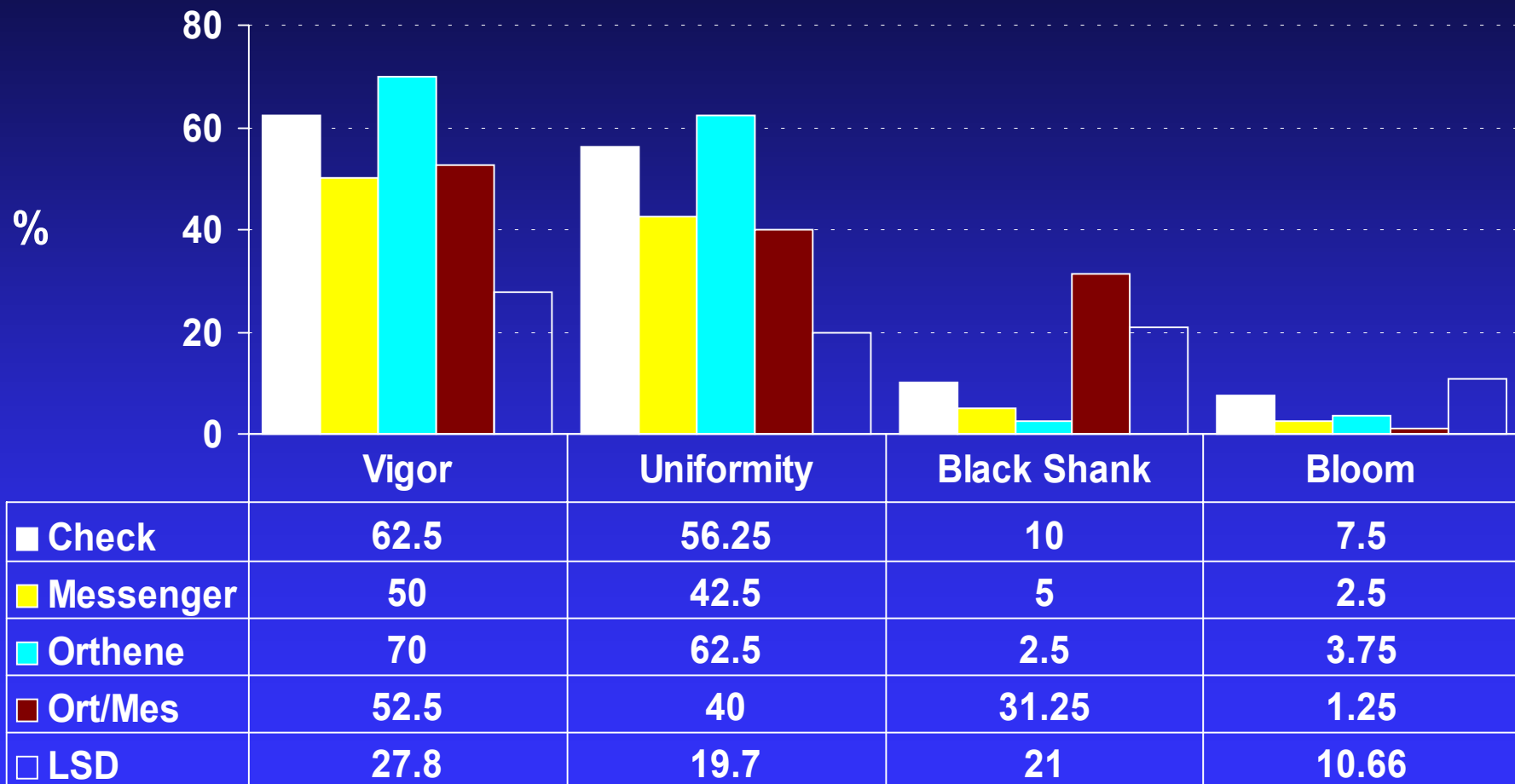
Interaction of Messenger and Orthene on Burley Tobacco Growth and Development Fayette Co. – Travis Fritz Farm



■ Check	53.75	52.5	3.75	67.5
■ Messenger	42.5	62.5	0	52.5
■ Orthene	65	70	1.25	80
■ Orthene+Messenger	51.25	80	0	67.5
■ LSD	25.3	27.3	4.62	28.06

■ Check ■ Messenger ■ Orthene ■ Orthene+Messenger ■ LSD

Interaction of Messenger and Orthene on Burley Tobacco Growth and Development Pulaski Co. – Patrick Patterson Farm



■ Check ■ Messenger ■ Orthene ■ Ort/Mes □ LSD