

Fungicides Trials

Blue mold did not occur in test plots and incidence in the Kentucky was very low. Black shank was the worst it had been in three years. Drought stress added to the problem by reducing the uptake of Ridomil or Ultra-flourish and by adding stress to black shank resistant varieties. Target Spot continues to increase and was present in our blue mold trials providing an opportunity to compare treatments for control of Target Spot. Quadris applied late gave the best control of Target Spot.

Black Shank Trials in Harrison Co. Kenneth Whitaker Farm

	Treatment	Rate Actual	Timing
1	Check	-	-
2	Ridomil Gold	16 fl oz	ppi
	Ridomil Gold	16 fl oz	1st cult
	Ridomil Gold	16 fl oz	2nd cult
3	Ridomil Gold	16 fl oz	ppi
	Experimental	18.6 fl oz	1st cult
	Ridomil Gold	16 fl oz	2nd cult
4	Experimental	18.6 fl oz	ppi
	Ridomil Gold	16 fl oz	1st cult
	Experimental	18.6 fl oz	2nd cult
5	Ridomil Gold + Experimental	16 fl oz	Ppi
		18.6 fl oz	
	Ridomil Gold	16 fl oz	2nd cult
6	Ridomil Gold+ Experimental	16 fl oz	ppi
		18.6 fl oz	
	Experimental	18.6 fl oz	2nd cult
7	Ridomil Gold + Experimental	16 oz	ppi
		18.6 fl oz	
	Ridomil Gold + Experimental	16 oz	
		18.6 fl oz	2nd cult

Black Shank Fungicide Trial

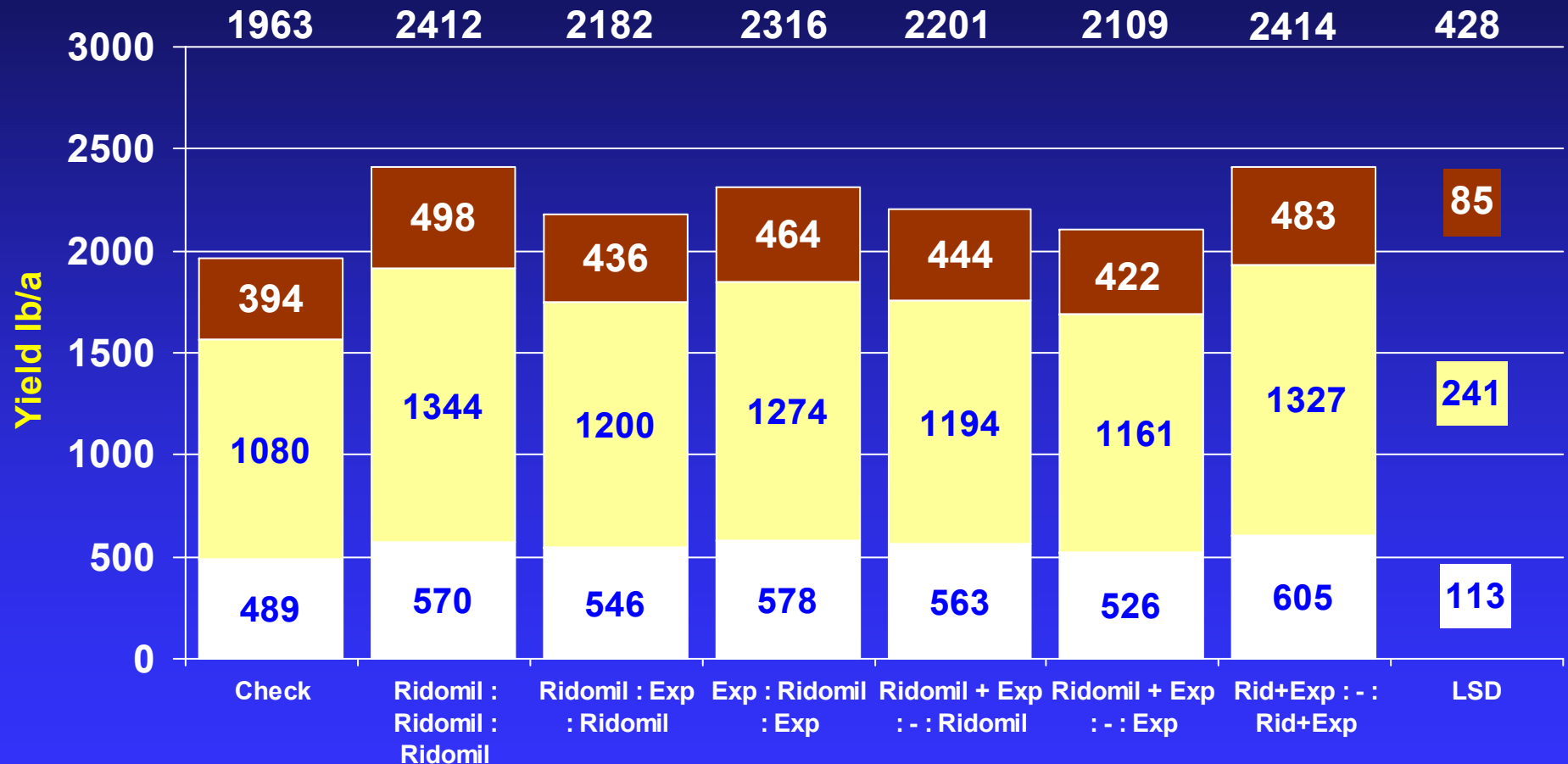
Harrison Co. – Kenneth Whitaker Farm



Exp = Experimental, See previous slide for data sheet containing details of application timing and rate

Black Shank Fungicide Trial

Harrison Co. – Kenneth Whitaker Farm

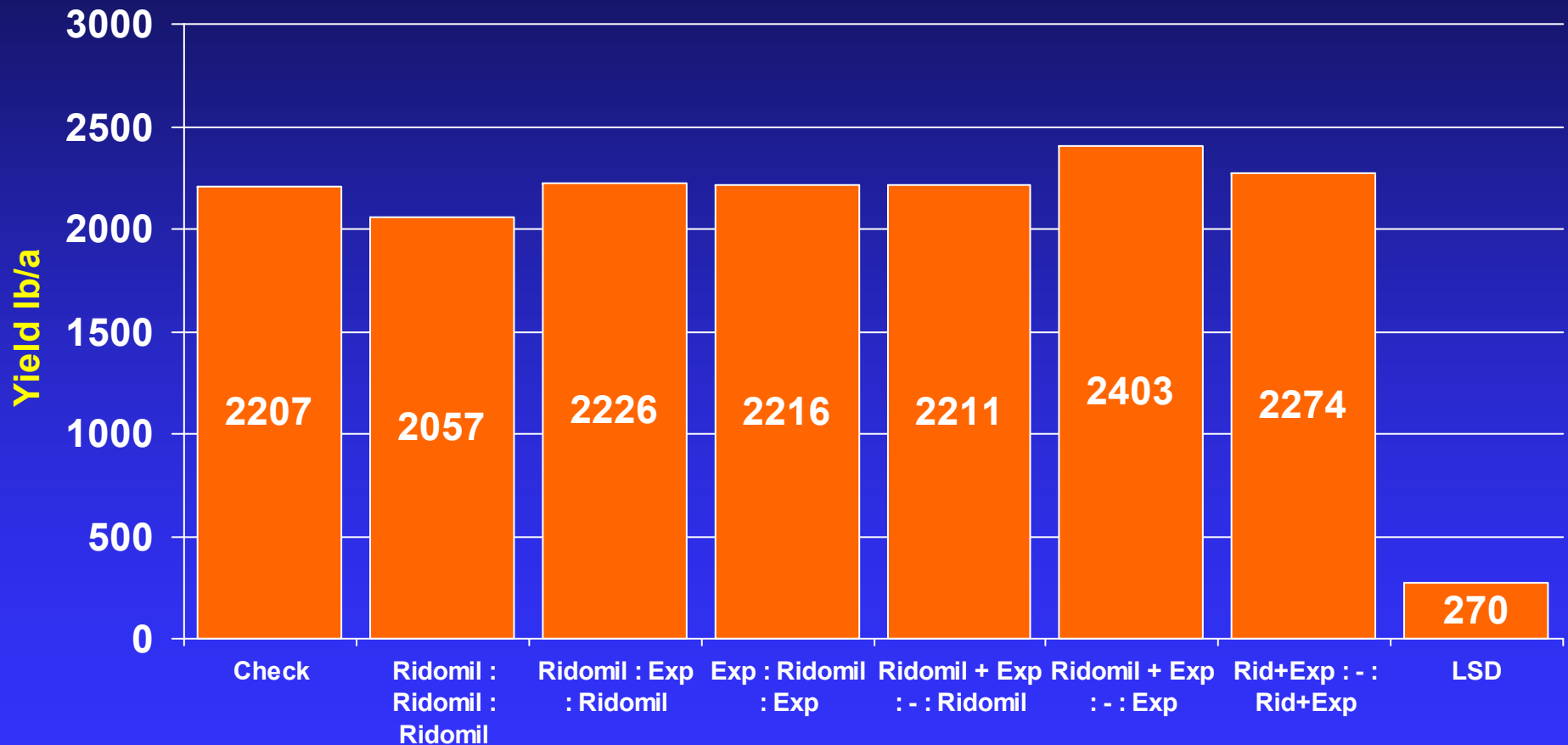


Exp = Experimental, : = split between application time, + = tank mix.
See Treatment slide for data sheet containing details of application timing and rate

■ FLYINGS ■ LUGS ■ RED

Black Shank Fungicide Trial

Harrison Co. – Glenn Ishmael Farm

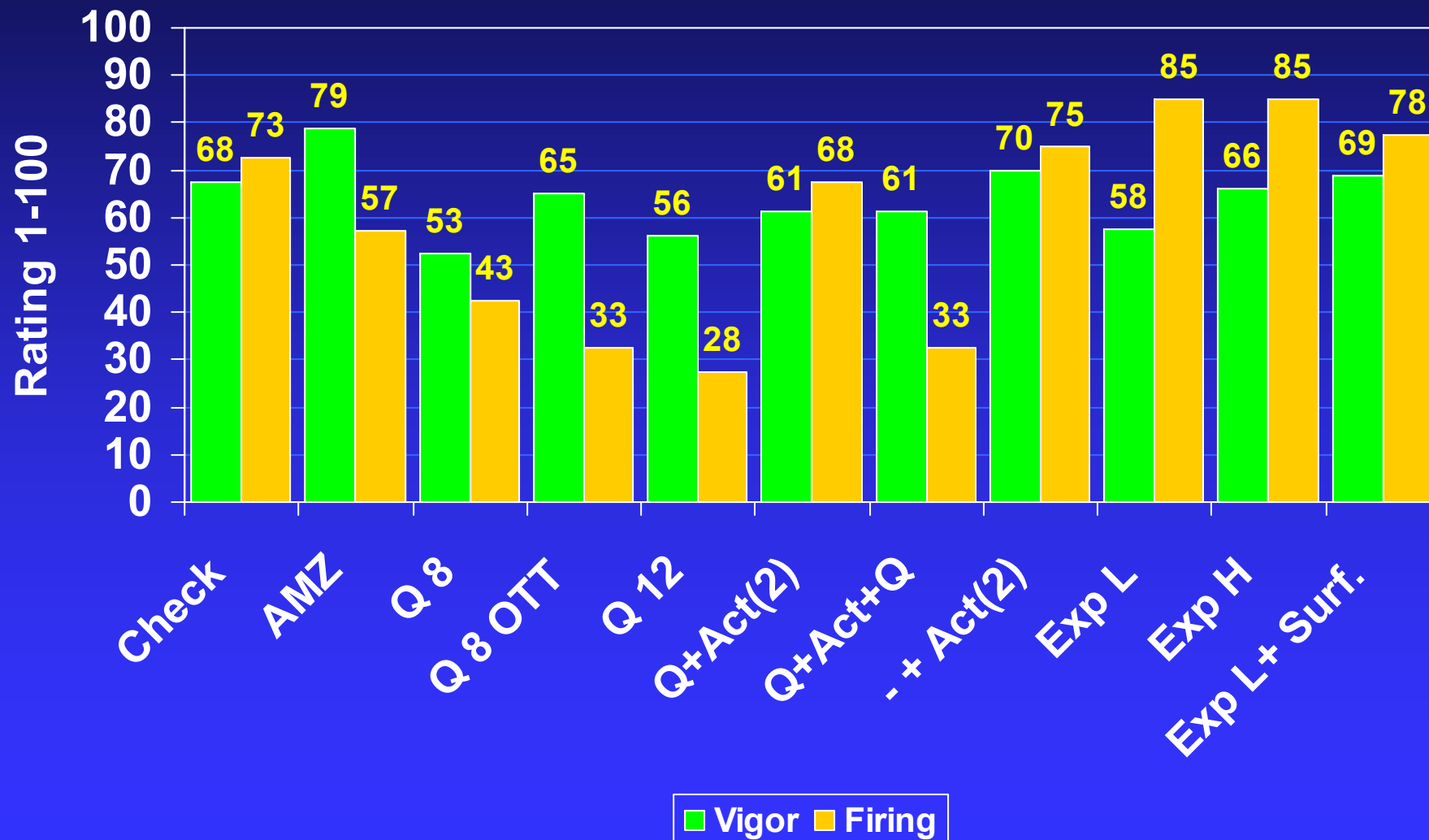


Exp = Experimental, : = split between application time, + = tank mix. See Treatment slide for data sheet containing details of application timing and rate

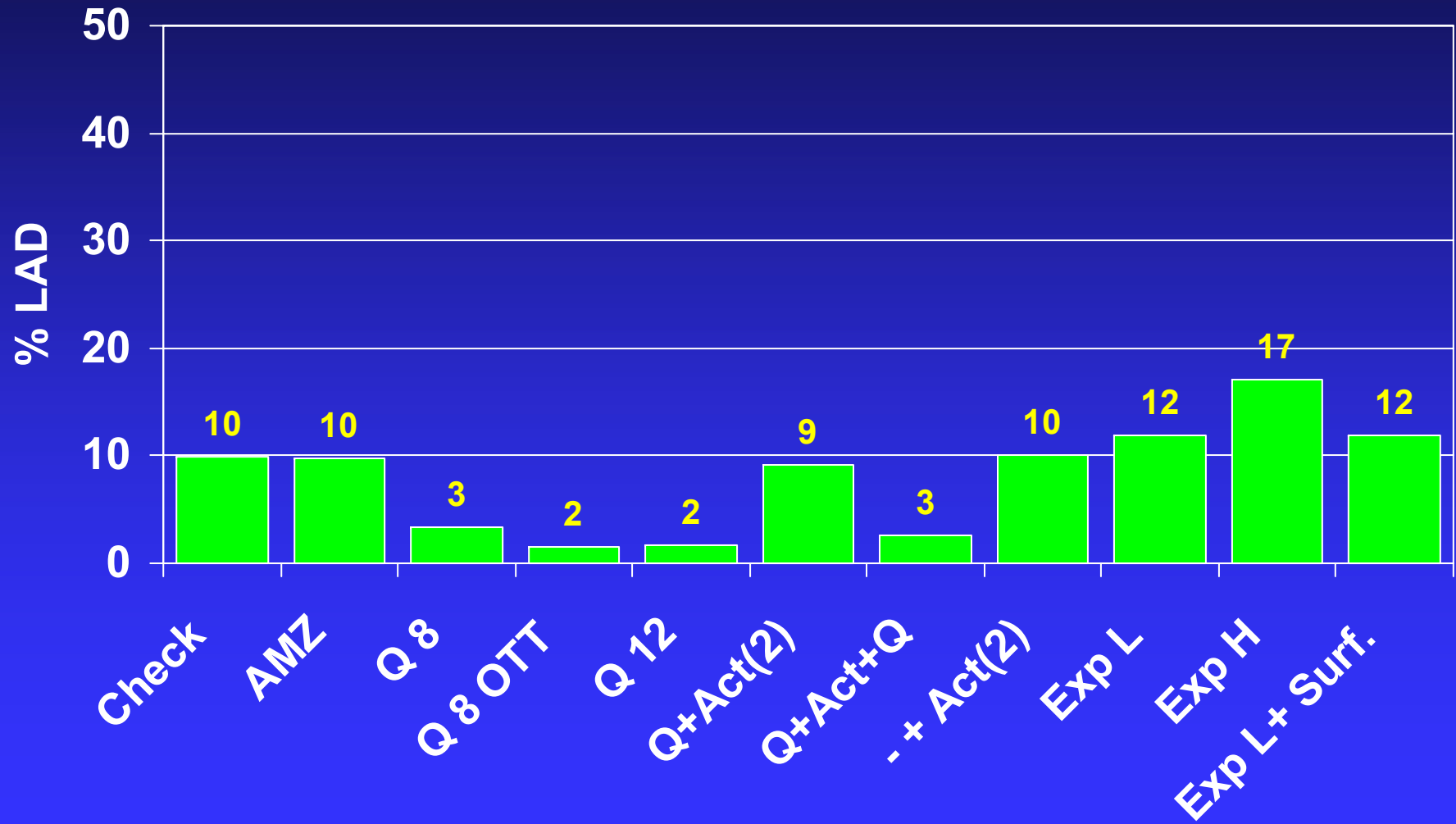
Blue Mold Treatments

	Treatment	Rate Actual	Timing	INT	trt	coverage
1	Check	-	-	-		
2	Acrobat MZ	2.5 lb/100gal	onset	10d	3	full
3	Quadris	8 fl oz/a	onset	10d	3	full
4	Quadris	8 fl oz/a	onset	10d	3	overtop
5	Quadris	12 fl oz/a	onset	10d	3	full
6	Quadris	8 fl oz/a	onset		1	full
	Actigard 50 WG	0.5 fl oz/a	18in	10d	2	overtop
7	Quadris	8 fl oz/a	onset	alternate	2	full
	Actigard 50 WG	0.5 fl oz/a	18in	alternate	1	overtop
8	Actigard 50 WG	0.5 fl oz/a	18in	10d	3	overtop
9	Exp	Low	onset	10d	3	overtop
10	Exp	High	onset	10d	3	overtop
11	Exp + Surfex	Low + .06 v/v	onset	10d	3	overtop

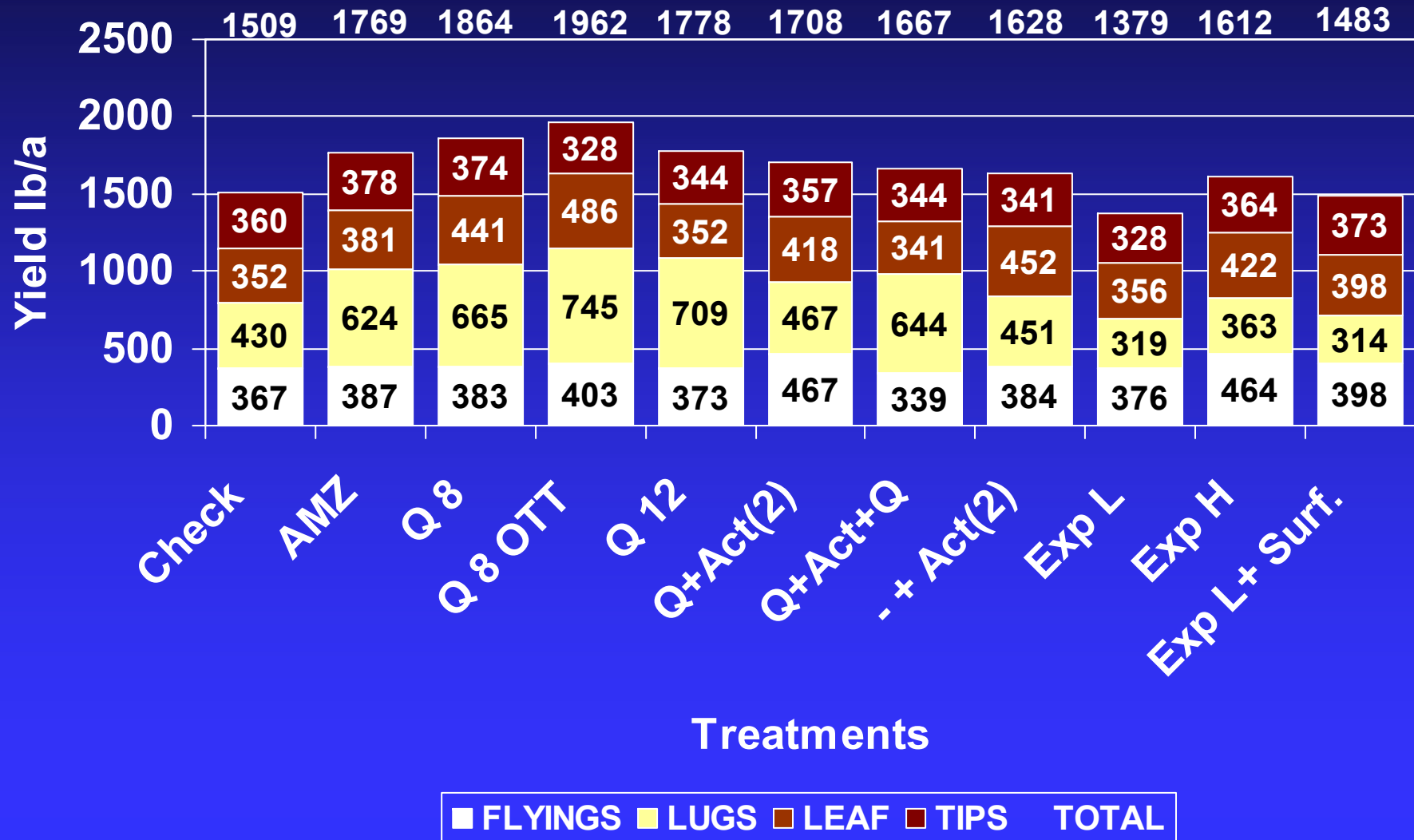
Effect of Fungicide Treatment on Vigor & Firing Jackson Co. – Dale Angel Farm



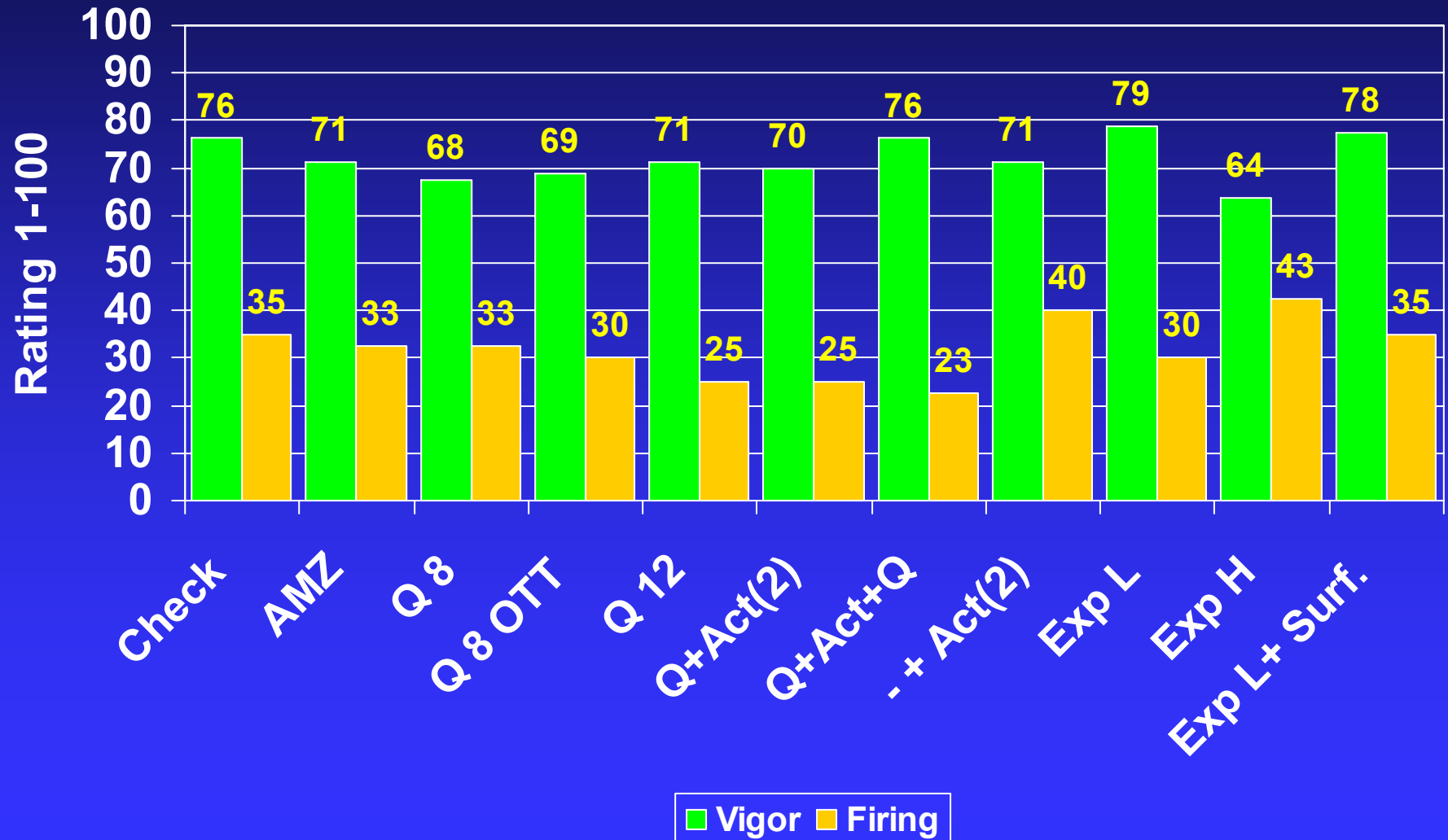
Effect of Fungicide Treatment on Target Spot Jackson Co. – Dale Angel Farm



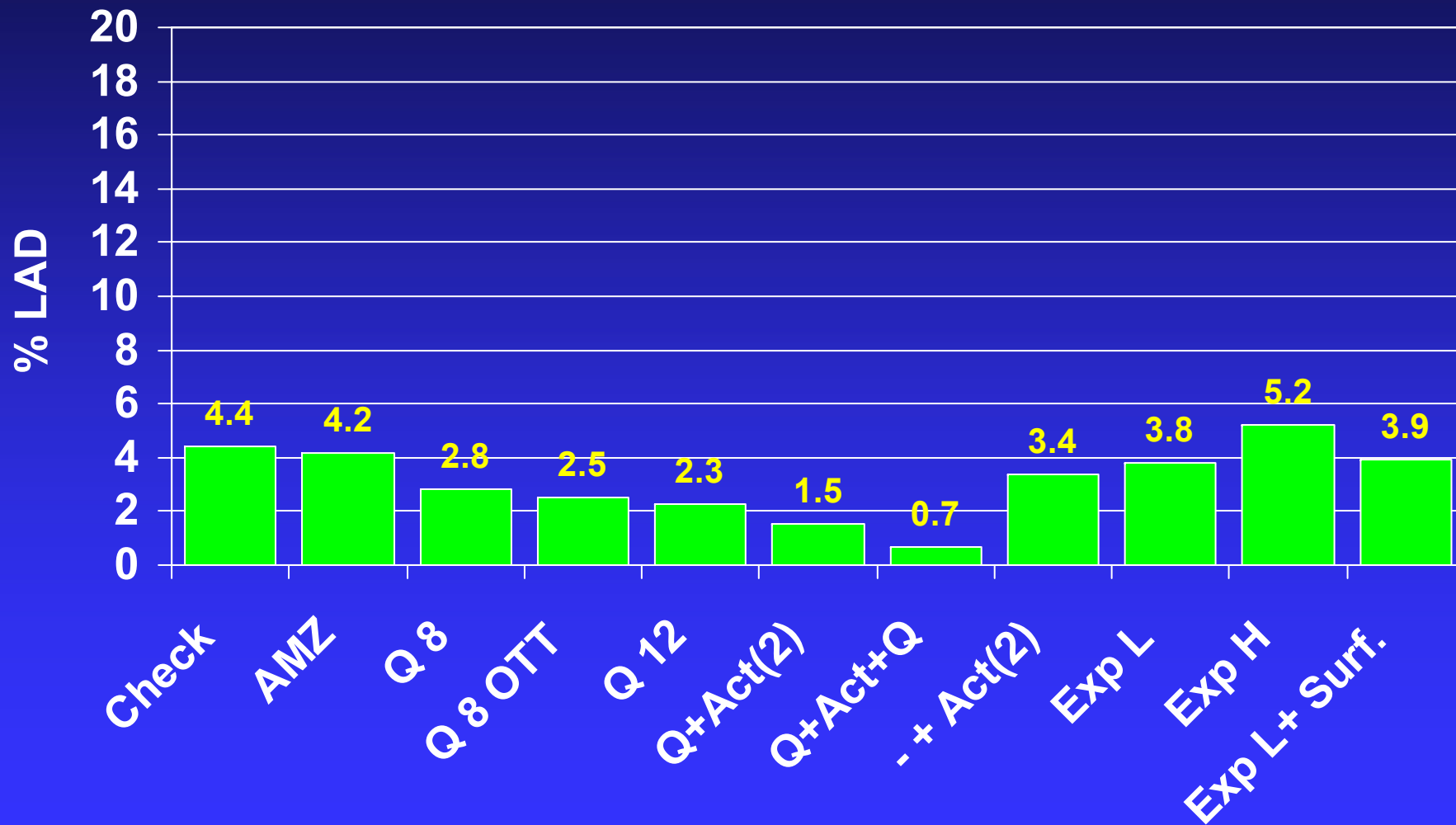
Effect of Fungicide Treatment on Yield Jackson Co. – Dale Angel Farm



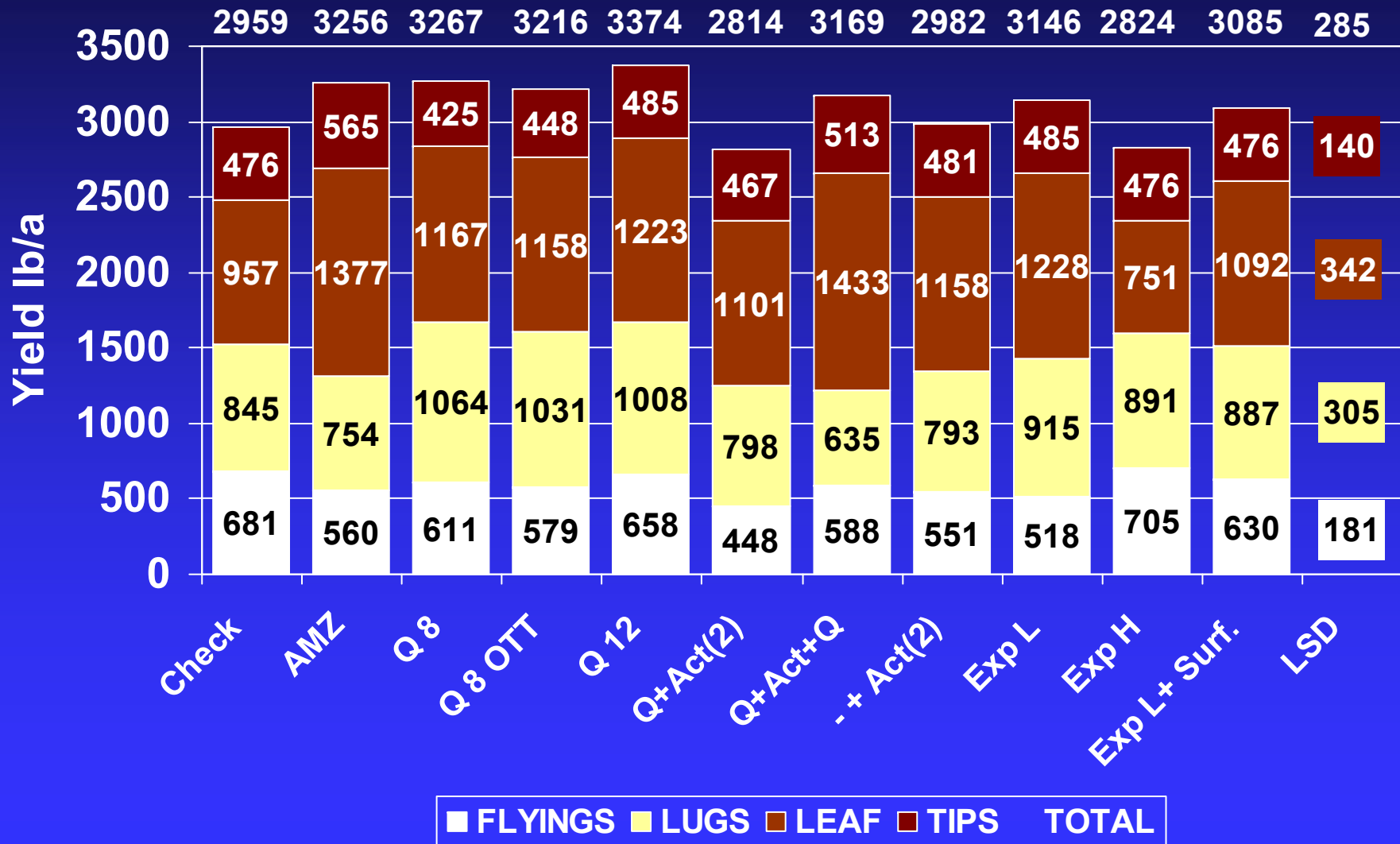
Effect of Fungicide Treatment on Vigor & Firing Jessamine Co. – Carl Waits Farm



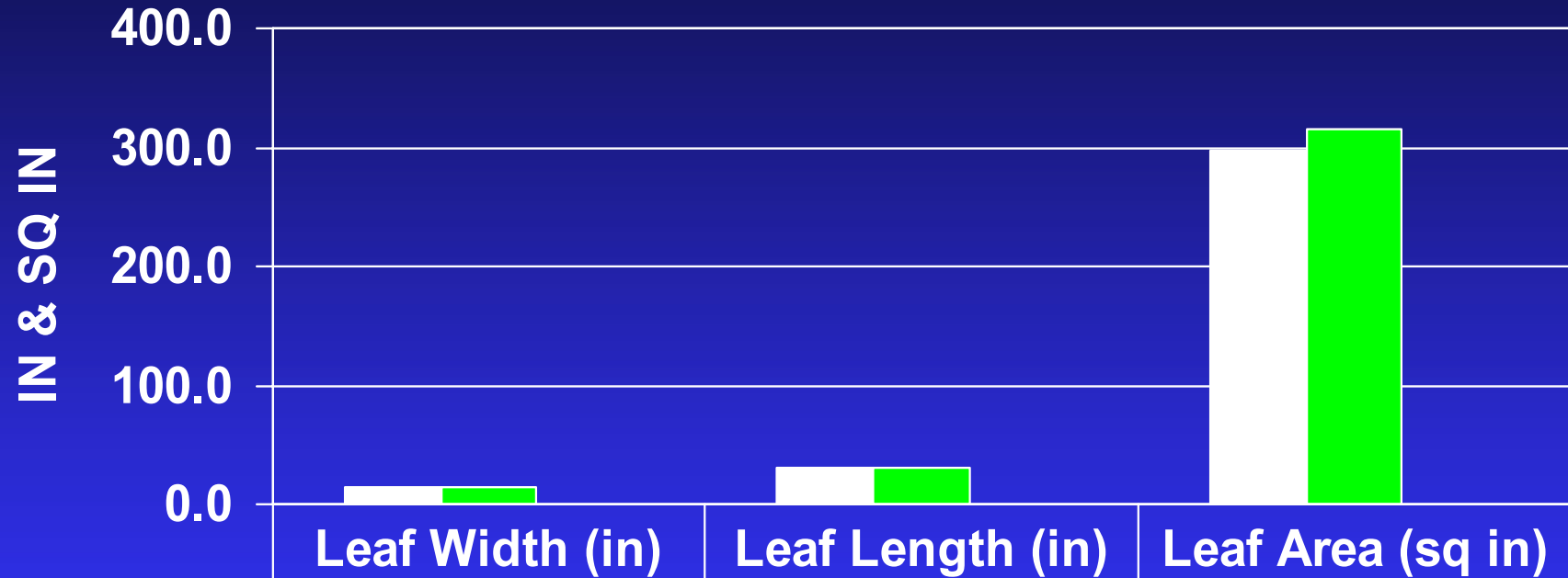
Effect of Fungicide Treatment on Target Spot Jessamine Co. – Carl Waits Farm



Effect of Fungicide Treatment on Yield Jessamine Co. – Carl Waits Farm

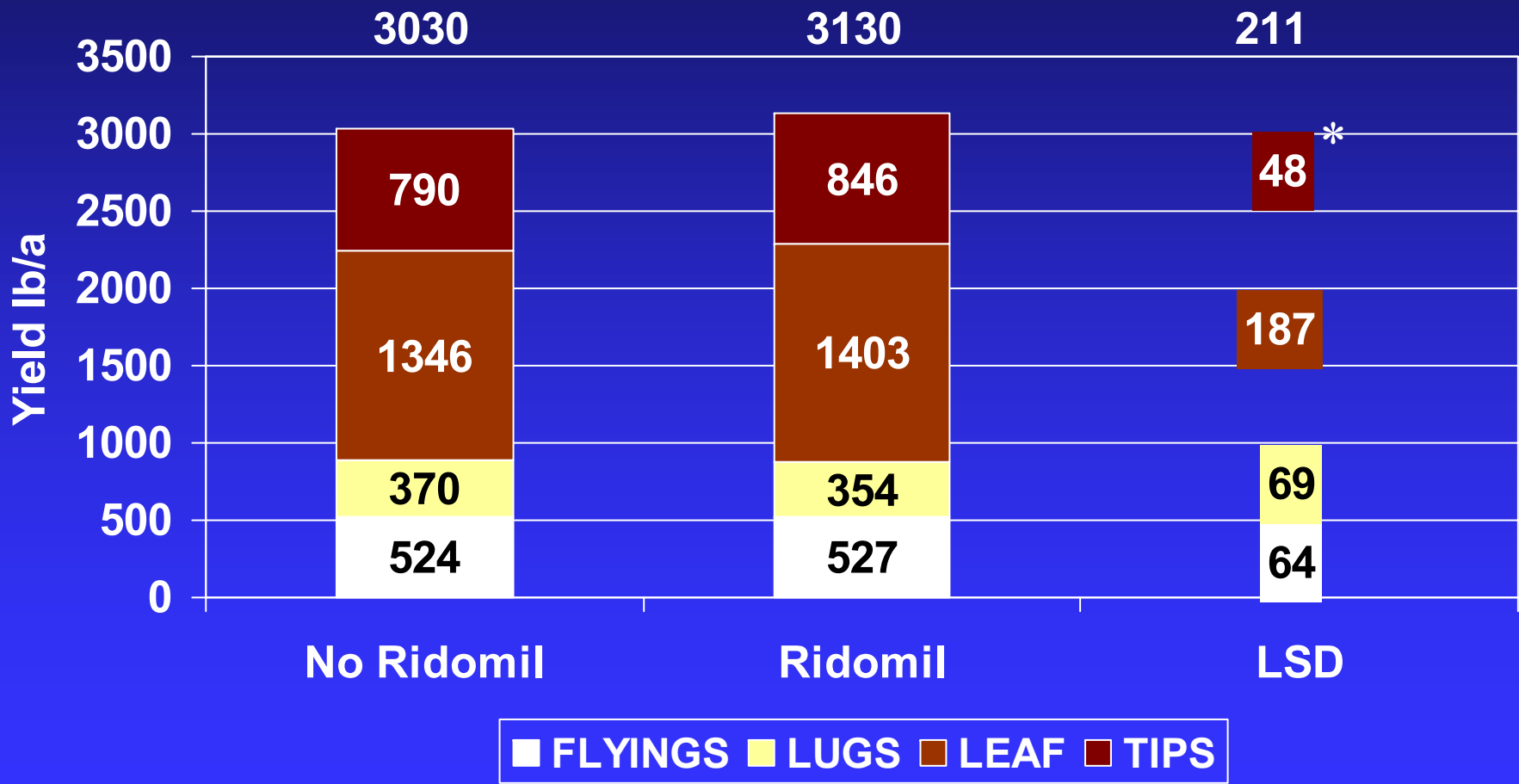


The Effects on Ridomil in the Absence of Black Shank on Burley Yield Madison Co. - Don Long Farm



	Leaf Width (in)	Leaf Length (in)	Leaf Area (sq in)
■ No Ridomil	14.2	29.9	297.9
■ Ridomil	14.8	30.3	314.6
■ LSD	0.5	0.7	16.5

The Effects on Ridomil in the Absence of Black Shank on Burley Yield Madison Co. - Don Long Farm

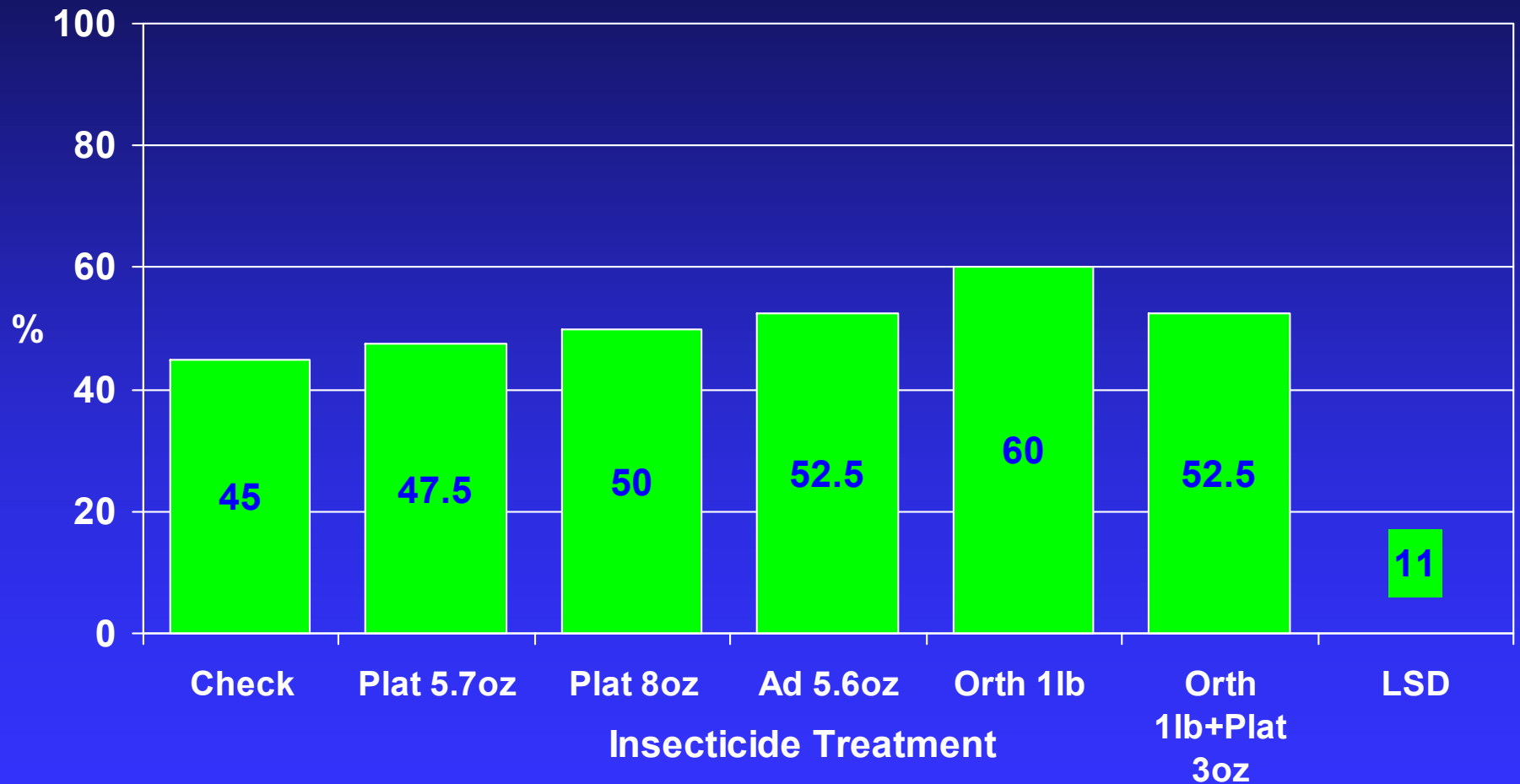


*=significantly different 0.05

Insecticide Trials

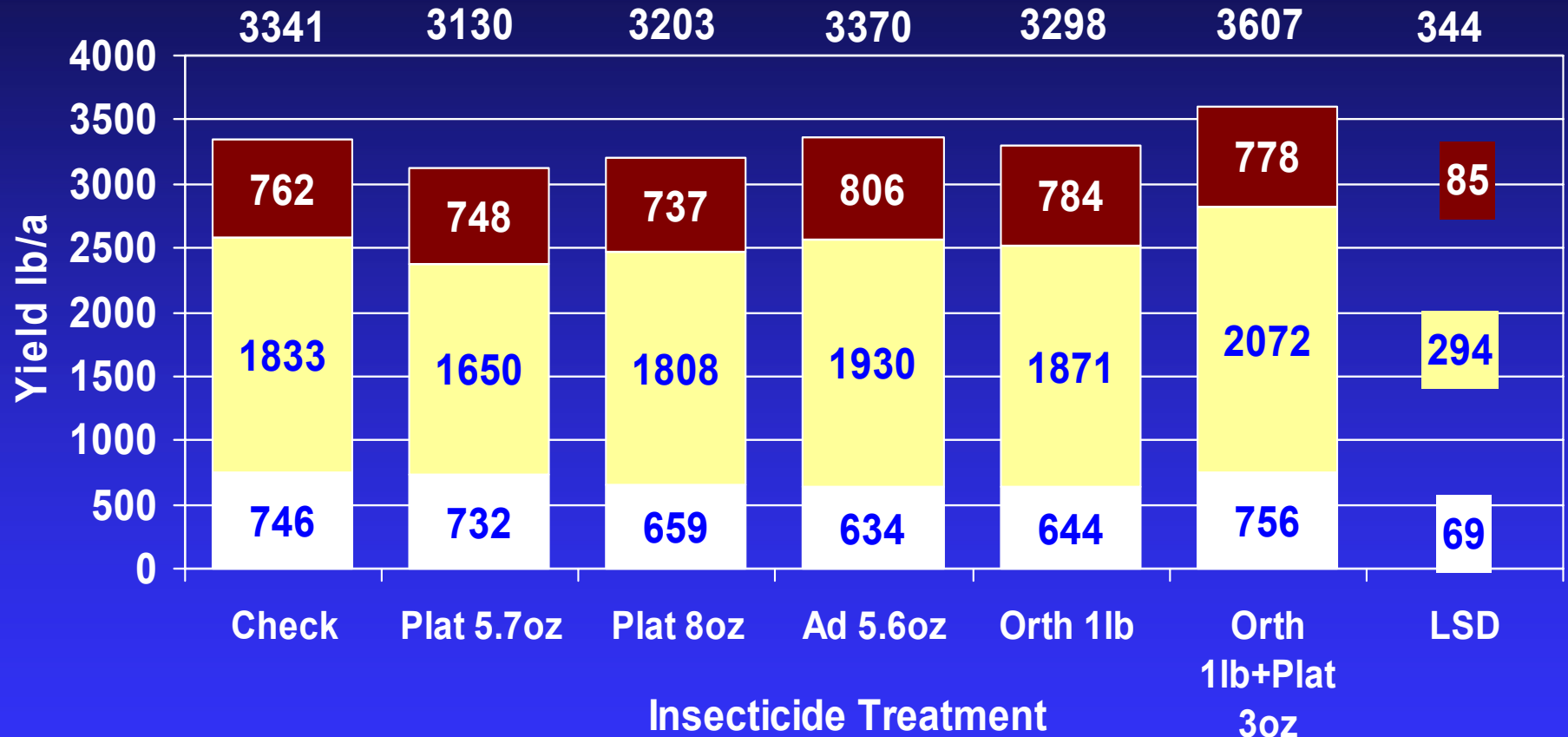
Weather may have influenced insect numbers in 2005. Aphid pressure was moderate while late season hornworms were more prominent than usual.

Effects of Transplant Treatment on Burley Vigor - Boyle Co., Allen Goggin Farm



Plat=Platinum, Ad=Admire, Orth=Orthene

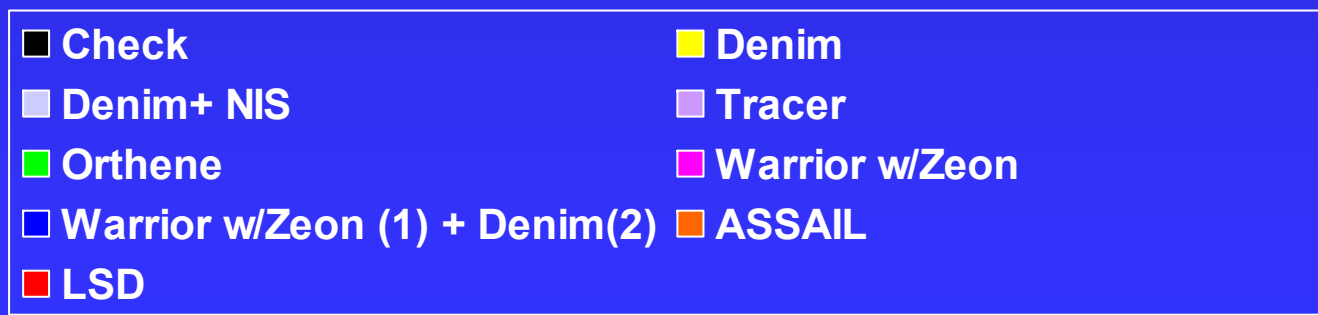
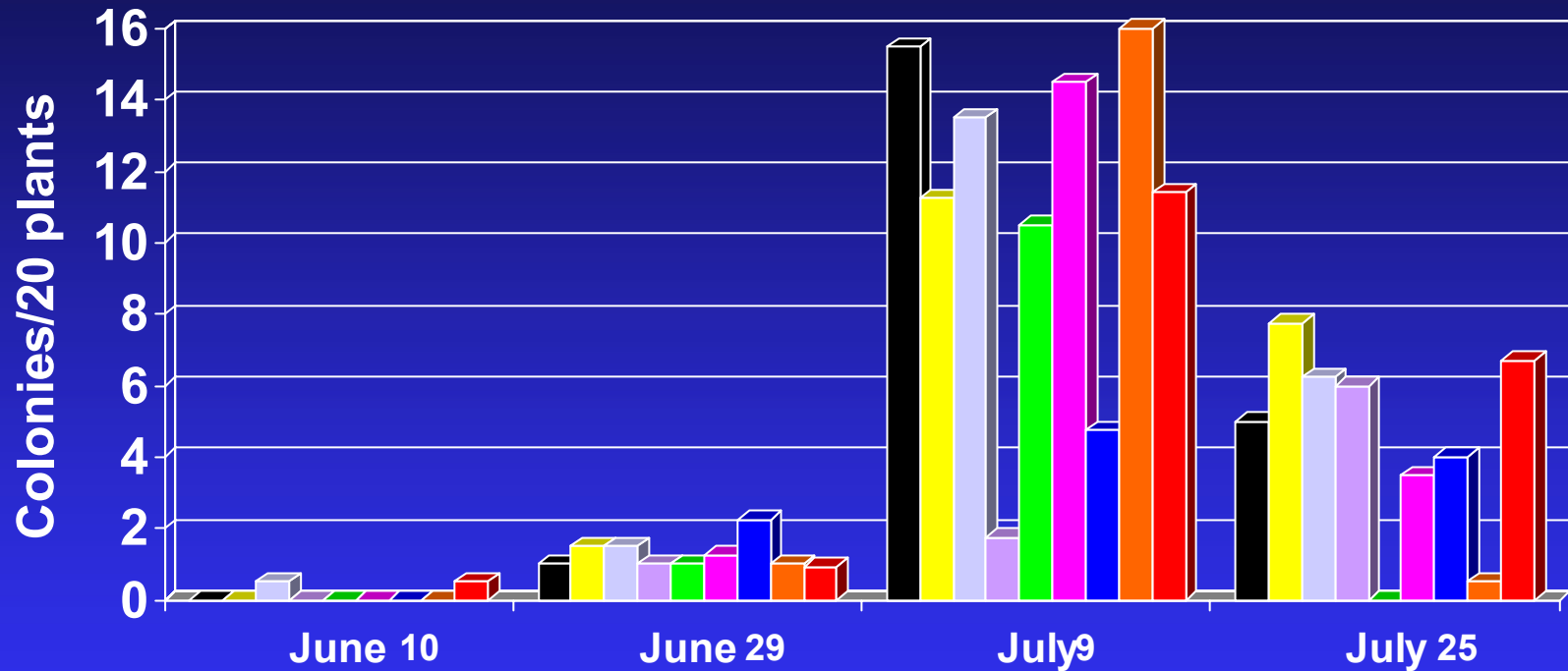
Effects of Transplant Treatment on Burley Yield- Boyle Co., Allen Goggin Farm



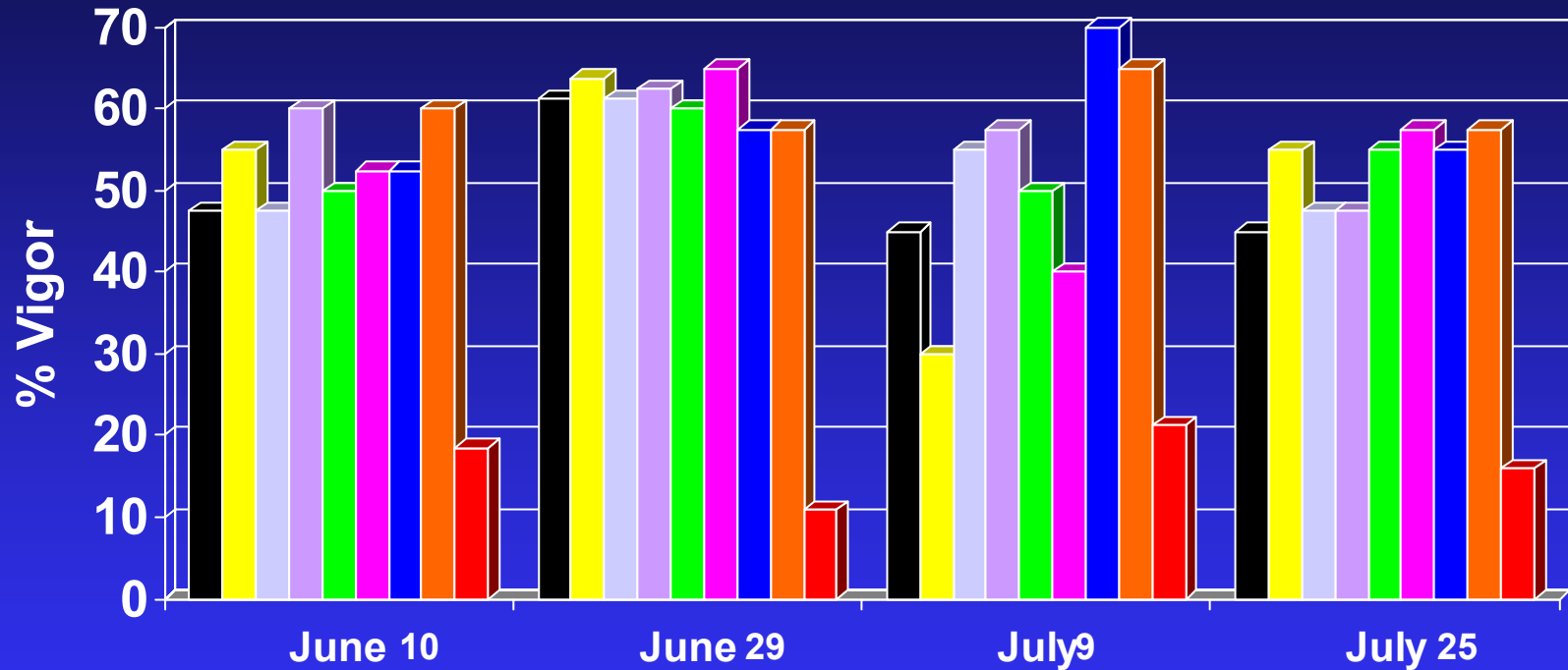
■ FLYINGS ■ LUGS ■ TIPS

Plat=Platinum, Ad=Admire, Orth=Orthene

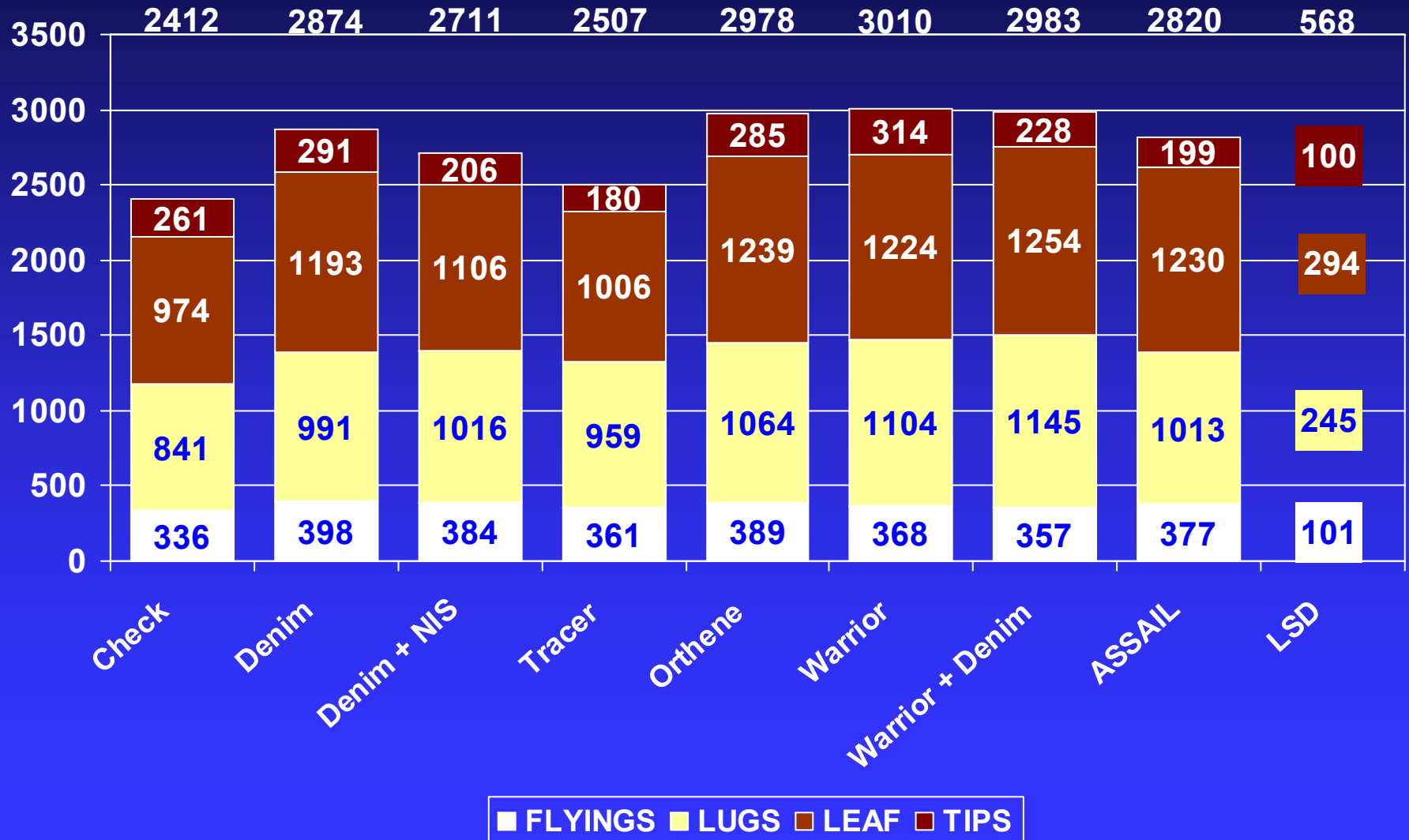
Effects of Foliar Insecticides on Aphid Colonies – Nelson Co. – Chuck Heil Farm



Effects of Foliar Insecticides on Vigor of Burley Tobacco – Nelson Co. – Chuck Heil Farm



Effects of Foliar Insecticides on Burley Tobacco Yield – Nelson Co. – Chuck Heil Farm



Alfalfa burn down test

Experience has shown that eradicating an established alfalfa stand to plant no-till tobacco can be challenging. This study was conducted on an approximately seven year old stand of alfalfa. Treatments included fall and spring application of round-up with and without a broadleaf herbicide (Clarity). Contrary to previous studies the spring treatments appeared to be more effective for eliminating alfalfa. Work will continue to identify effective means of controlling alfalfa prior to planting no-till tobacco.

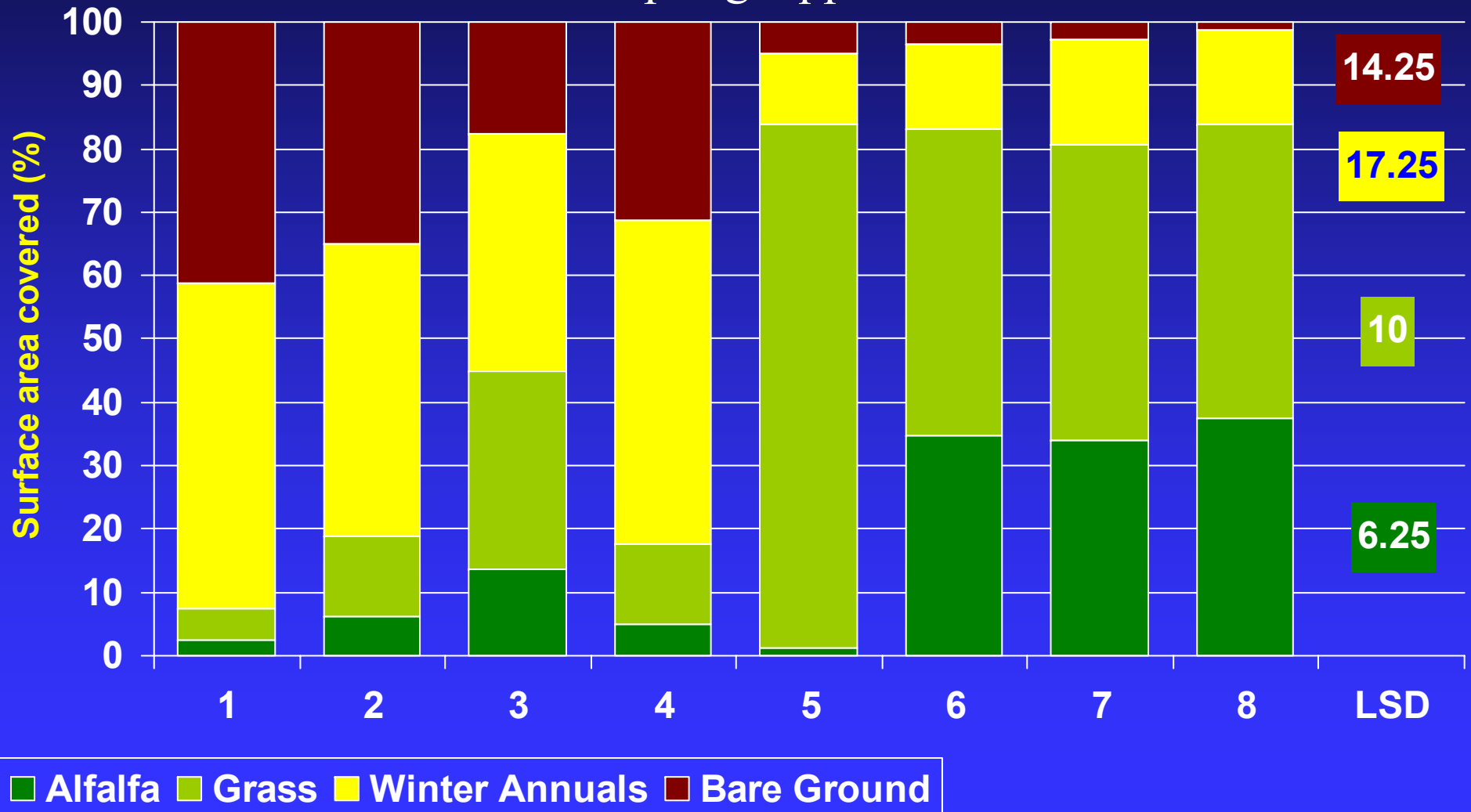
Alfalfa Burndown (No-till Tobacco) Fayette County – Spindletop Farm

Treatments:	Rate	Timing
1 = Round-up WeatherMAX	3 qt/A	Fall*
2 = Round-up WeatherMAX	2 qt/A	Fall*
3 = Round-up WeatherMAX	44oz./A	Fall*
4 = Round-up WeatherMAX plus Clarity	2qt/A 1pt/A	Fall* Fall*
5 = Clarity	1 qt/A	Fall*
6 = Round-up WeatherMAX	3qt/A	Spring
7 = Round-up WeatherMAX plus Clarity	2qt/A 1qt/A	Spring Spring
8 = Round-up WeatherMAX plus Clarity'	2qt/A 1pt/A	Spring Srping

* 2 qt/A Round-up Weathermax applied 30 days prior to transplant

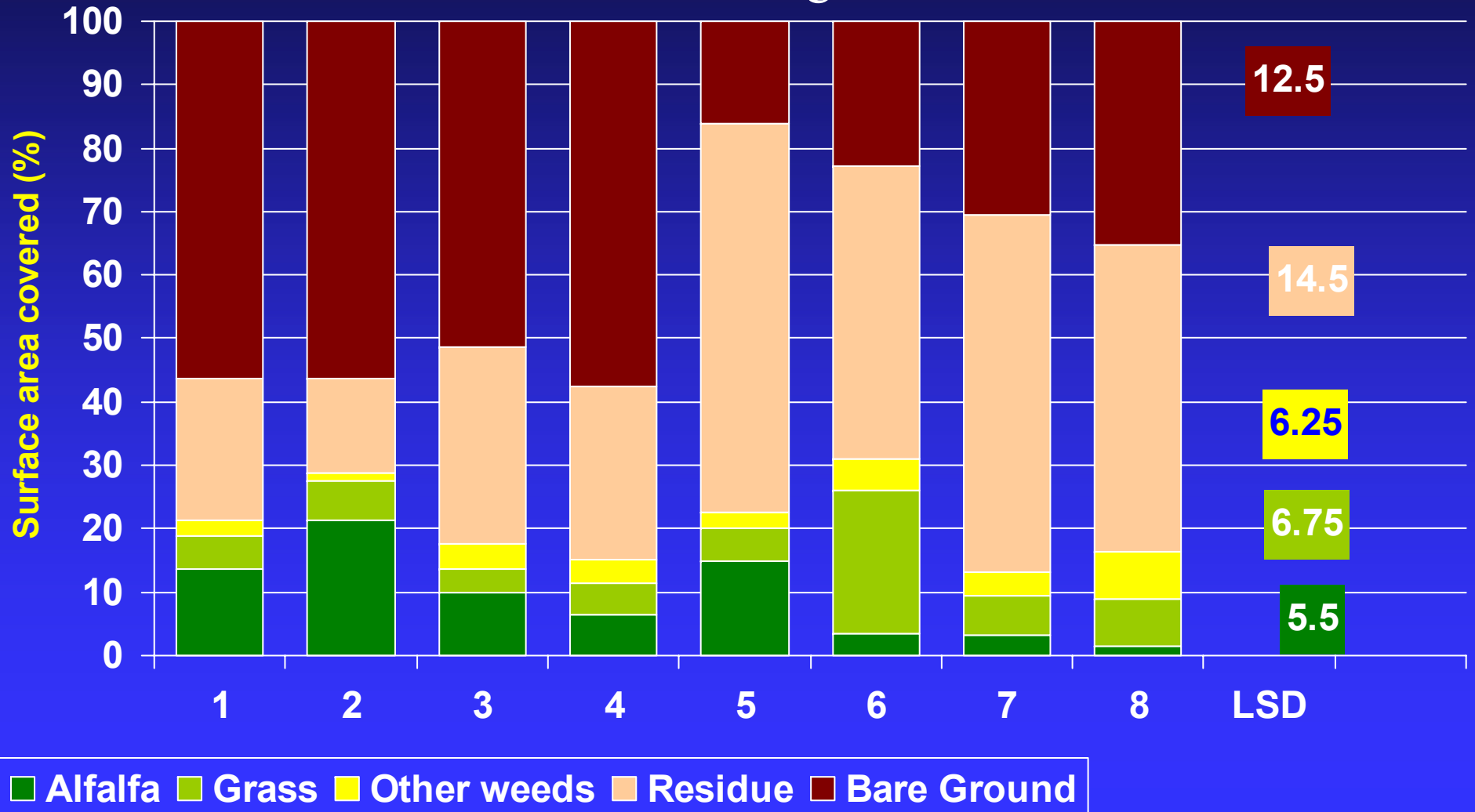
Alfalfa Burndown (No-till Tobacco) Fayette County – Spindletop Farm

Before Spring Applications



Alfalfa Burndown (No-till Tobacco) Fayette County – Spindletop Farm

Mid-season rating



Alfalfa Burndown (No-till Tobacco) Fayette County – Spindletop Farm

Mid-season rating

