

Evaluation of Ridomil and Quadris Applications to Dark Tobacco

2008 – MSU, Murray, KY

- Objective: evaluate yield and quality effects of single/multiple applications of Ridomil and Quadris fungicides to dark tobacco.
- Trial information:
 - PD 7302LC dark tobacco set June 10 (4900 plants/A)
 - Entire trial received 1 pt/A Ridomil Gold SL broadcast and incorporated prior to transplanting
 - Trial was randomized complete block with 4 replications per treatment
 - Post-transplanting Ridomil applications made as banded applications (15" band) to both sides of each row
 - Post-transplant Quadris applications made foliarly at 15 gal/A for 4 and 6-wk applications and at 60 gal/A for 8-wk application
 - Data collected: vigor and leaf spotting, dark-fired yield, quality.

Evaluation of Ridomil and Quadris

Applications to Dark Tobacco

2008 – MSU, Murray, KY - Treatments

Treatment (# of applications)	Rate/Acre		Application Method	Application Timing
	Ridomil	Quadris		
Untreated (1 pt/A Ridomil only)	1 pt/A	0	-	-
Ridomil Gold SL (2)	1+1 pt/A	0	Banded (15-in bands)	First Cultivation
Ridomil Gold SL (3)	1+1+1 pt/A	0	Banded (15-in bands)	First Cult. and Layby
Quadris 2.08SC (1)	1 pt/A	8 oz/A	Foliar (15 gal/A)	4 wks (1 st cult.)
Quadris 2.08SC (2)	1 pt/A	8+8 oz/A	Foliar (15 gal/A)	4 and 6 wks (1 st cult. and Layby)
Quadris 2.08SC (3)	1 pt/A	8+8+8 oz/A	Foliar (15 gal/A in app. 1 and 2, 60 gal/A in app. 3)	4, 6, and 8 wks
Ridomil Gold SL (3) Quadris 2.08SC (2)	1+1+1 pt/A	8+8 oz/A	Foliar (15 gal/A)	1 st cult. and Layby

Evaluation of Ridomil and Quadris Applications to Dark Tobacco 2008 – MSU, Murray, KY – Treatment Dates

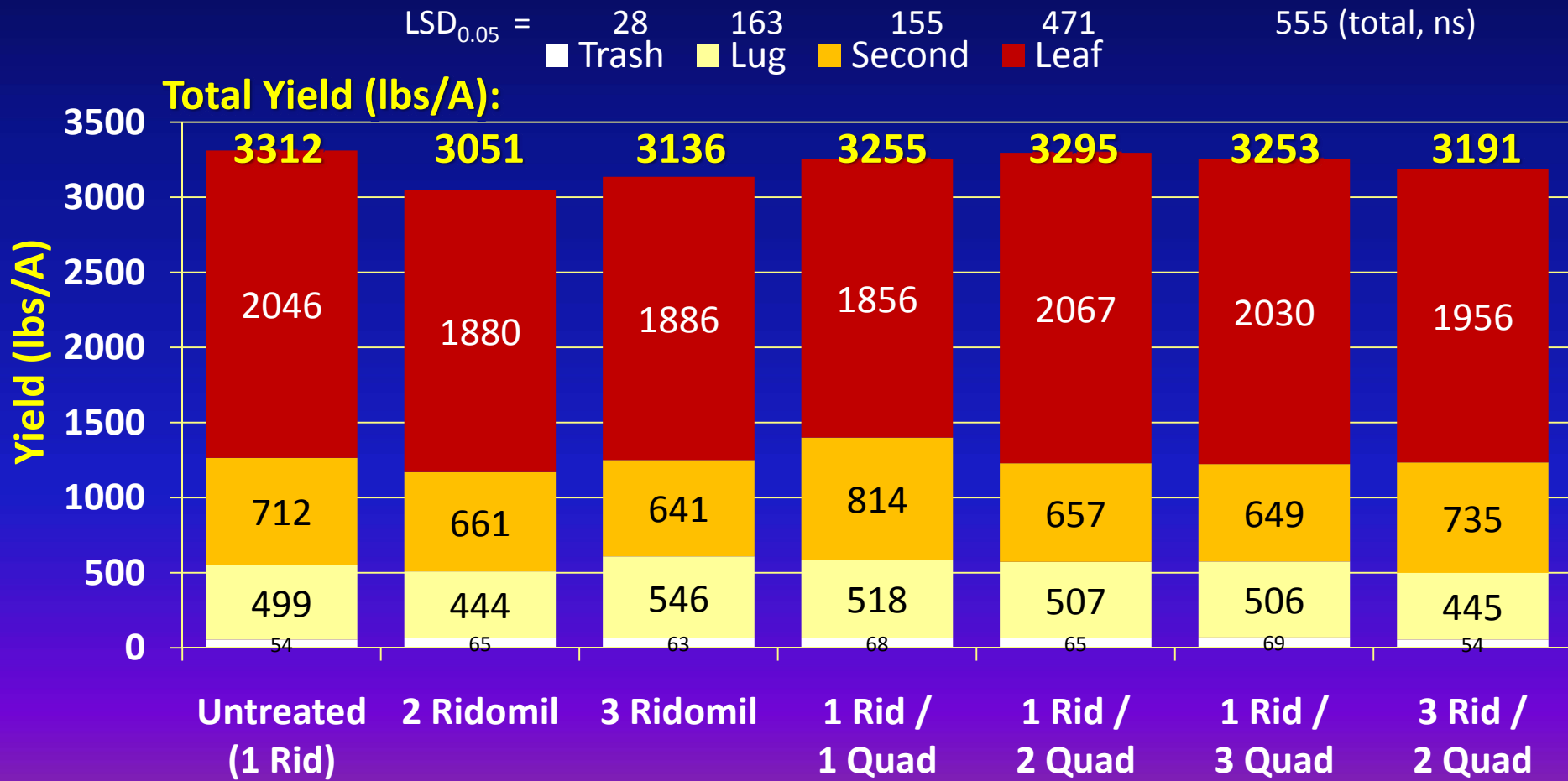
Treatment	Date
Tobacco set	June 10
4 wk (1 st cultivation) applications	July 8
6 wk (Layby cultivation) applications	July 22 (Ridomil), July 23 (Quadris)
8 week applications	August 12
In-season plot ratings taken	July 30 and September 30 (preharvest)
Tobacco harvested	September 30, fire-cured

Evaluation of Ridomil and Quadris Applications to Dark Tobacco 2008 – MSU, Murray, KY – Plot Ratings

Treatment (# of applications)	Rate/Acre		Vigor (1-10) July 30	Vigor (1-10) Sept. 30	Spotting (0-10) Sept. 30
	Ridomil	Quadris			
Untreated (1 pt/A Ridomil only)	1 pt/A	0	7.75	7.5	1.5
Ridomil Gold SL (2)	1+1 pt/A	0	8.75	8.25	1.3
Ridomil Gold SL (3)	1+1+1 pt/A	0	8.63	7.94	1.4
Quadris 2.08SC (1)	1 pt/A	8 oz/A	8.69	8.38	0.9
Quadris 2.08SC (2)	1 pt/A	8+8 oz/A	8.81	8.44	0.8
Quadris 2.08SC (3)	1 pt/A	8+8+8 oz/A	8.75	8.44	0.4
Ridomil Gold SL (3) Quadris 2.08SC (2)	1+1+1 pt/A	8+8 oz/A	8.63	9.0	0.3
LSD _{0.05}			0.89	0.4	0.3

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2008 – MSU, Murray, KY – Dark-Fired Yield



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2008 – MSU, Murray, KY – Dark-Fired Quality Grade Index

LSD_{0.05} = 23.5
■ Grade Index

