

Regional Foliar Fungicide Trial for Dark Tobacco 2006 – UKREC, Princeton, KY

- Narrowleaf Madole LC set May 24 (4900 plants/A)
- Randomized complete block design with 4 replications
- Plots 4 rows, 40 ft. long, data collected from center 2 rows
 - All 4 rows treated
 - OT applications made with flat fan nozzles (15 gal/A)
 - Full coverage applications made with 18X hollow cone fine mist nozzles
 - 5 nozzles per row, 40 to 60 gal/A
- All other production practices standard
- Tobacco harvested September 7, fire-cured

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Treatment (#app)	Rate/A	Timing	Spray Vol. Gal/A	Coverage
Untreated	0	-	0	-
Acrobat MZ (4)	2.5 lbs	Pre-18", 18", 18"+10d, 18"+20d	15, 40, 50, 60	OT, Full Full, Full
Quadris (4)	8 oz	Pre-18", 18", 18"+10, 18"+20	15, 40, 50, 60	OT, Full Full, Full
Quadris (4)	12 oz	Pre-18", 18", 18"+10d, 18"+20d	15, 40, 50, 60	OT, Full Full, Full
Quadris (1)	8 oz	Pre-18"	15	OT
Actigard (3)	0.5 oz+0.5+0.5	18", 18"+10, 18"+20	15, 15, 15	OT,OT,OT
Quadris (2)	8 oz + 8 oz	Pre-18", 18"+10	15, 40	OT, Full
Actigard (2)	0.5 oz + 0.5 oz	18", 18"+20	15, 15	OT, OT
Actigard (3)	0.5 oz+0.5+0.5	18", 18"+10, 18"+20	15, 15, 15	OT,OT,OT

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<i>Treatment</i>	<i>Late Vigor (1-10)</i>	<i>*Spotting Disease (1-10)</i>
Untreated check	9.0 a	0.7 a
Acrobat MZ (4)	9.1 a	0.1 b
Quadris 8 oz/A (4)	9.3 a	0.0 b
Quadris 12 oz/A (4)	9.3 a	0.0 b
Quadris (1) / Actigard (3)	9.1 a	0.1 b
Quadris (2) / Actigard (2)	9.2 a	0.0 b
Actigard (3)	8.9 a	0.0 b
LSD(0.05) =	0.49	0.18

*Low level disease presence, primarily from frog-eye leafspot and physiological spotting.

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<i>Treatment</i>	<i>Total Yield (lbs/A)</i>	<i>*Grade Index</i>	<i>*Gross Revenue (\$/A)</i>
Untreated check	3472 a	64.3 ab	6551 a
Acrobat MZ (4)	3486 a	55.9 c	6272 a
Quadris 8 oz/A (4)	3500 a	57.0 bc	6267 a
Quadris 12 oz/A (4)	3541 a	56.6 bc	6261 a
Quadris (1) / Actigard (3)	3471 a	62.8 abc	6312 a
Quadris (2) / Actigard (2)	3443 a	60.1 abc	6395 a
Actigard (3)	3259 a	66.4 a	6419 a
LSD(0.05) =	374	8.3	698

*Values based on Federal Grade and 2004 Price Support for Type 22 Eastern Dark-fired tobacco.