

# Dark Tobacco Black Shank Fungicide Trial

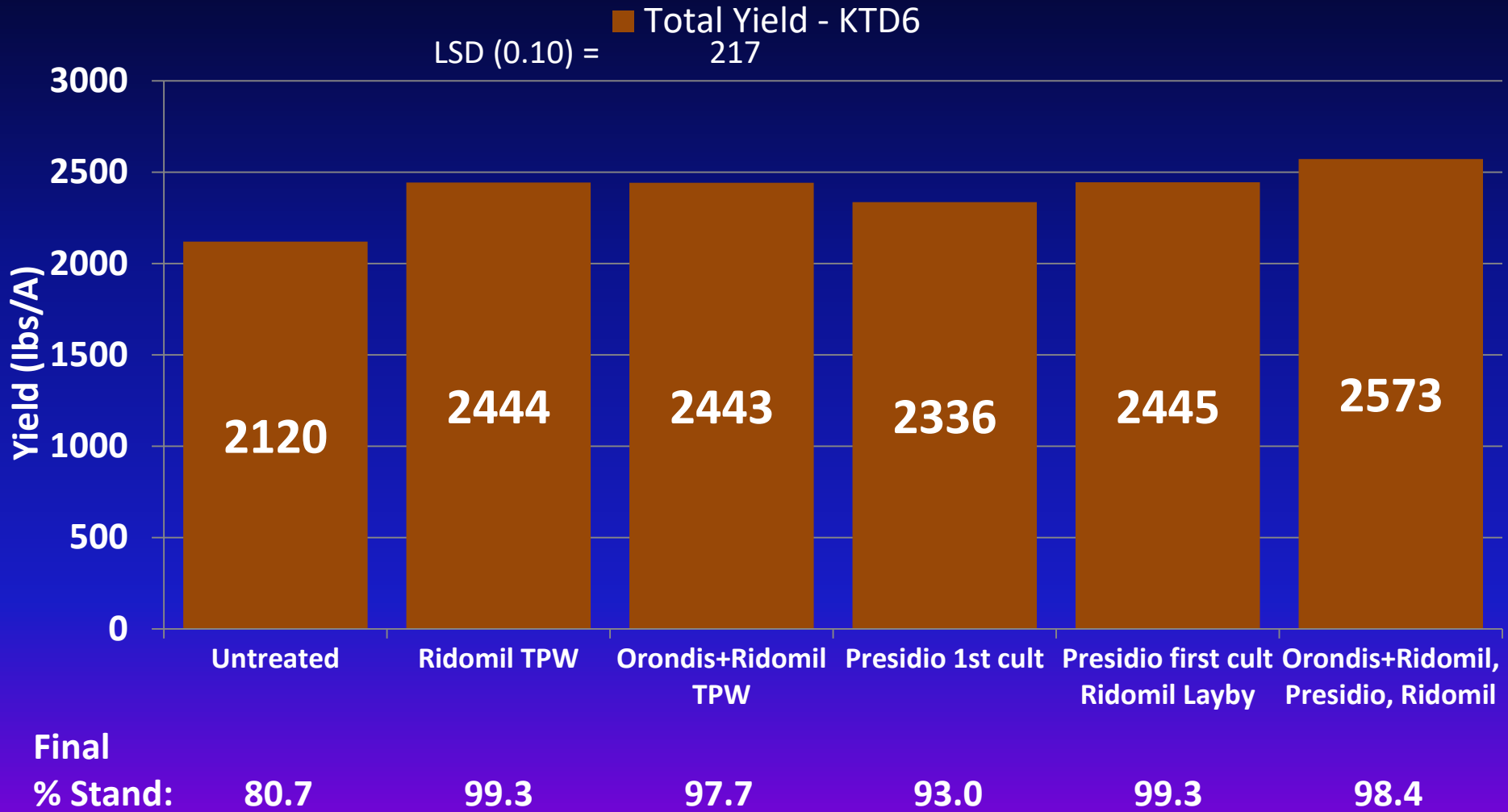
## Kent Boyd Farm – Hopkinsville KY - 2018

- KT D6 set June 18
  - 40" x 32" = 4900 plants/A
- Transplant water (TPW) applications made June 18
- 1<sup>st</sup> cultivation applications made July 2
- Layby applications made July 18

Treatments:		
1	Ridomil Gold TPW	8 oz/A
2	Orondis + Ridomil Gold TPW	4.8 oz/A + 8 oz/A
3	Presidio 1 <sup>st</sup> Cultivation	4 oz/A
4	Presidio 1 <sup>st</sup> cult Ridomil Gold Layby	4 oz/A 16 oz/A
5	Orondis + Ridomil Gold TPW Presidio 1 <sup>st</sup> cult Ridomil Gold Layby	4.8 oz/A + 8 oz/A 4 oz/A 16 oz/A

# 2018 Dark Tobacco Black Shank Fungicide Trial

## Kent Boyd Farm – Hopkinsville KY – Final Stand and Yield



LSD<sub>0.10</sub> (stand) = 6

# Dark Tobacco Black Shank Fungicide Trial

## Kent Boyd Farm – Hopkinsville KY - 2018

- More fungicide applications = more yield
- Earlier applications (TPW) better than later applications
- But will these increases in yield pay for costs of fungicides?

# Cost and Benefit of Fungicides for Black Shank Control

Fungicide Treatment	Yield (lbs/A)	Yield Increase from Fungicide	Increase \$/A (\$2.75/lb dark)	Cost of Fungicide	Increase \$/A
Untreated KTD6	2120	-	-	-	-
Ridomil Gold TPW	2444	+ 324 lbs	+ \$891	\$50/A	+ \$841
Orondis Gold TPW	2443	+ 323 lbs	+ \$888	\$58/A	+ \$830
Presidio 1 <sup>st</sup> cult	2336	+ 216 lbs	+ \$594	\$36/A	+ \$558
Presidio 1 <sup>st</sup> cult Ridomil Layby	2445	+ 325 lbs	+ \$894	\$136/A	+ \$758
Orondis TPW Presidio 1 <sup>st</sup> Cult Ridomil Layby	2573	+ 453 lbs	+ \$1,246	\$194/A	+ \$1,052