

| Tobacco |

Black Shank and Blue Mold Protection

Presidio[®] Fungicide is targeted chemistry that protects tobacco threatened by black shank and blue mold.

- ▶ **Novel mode of action**—sole member of FRAC Group 43
- ▶ **Effective**—outstanding preventive control and yield protection
- ▶ **Focused**—ideal rotational chemistry for black shank resistance management



Untreated

Ridomil Gold[®] SL
(applied three times—transplant water, 1st cultivation, layby)

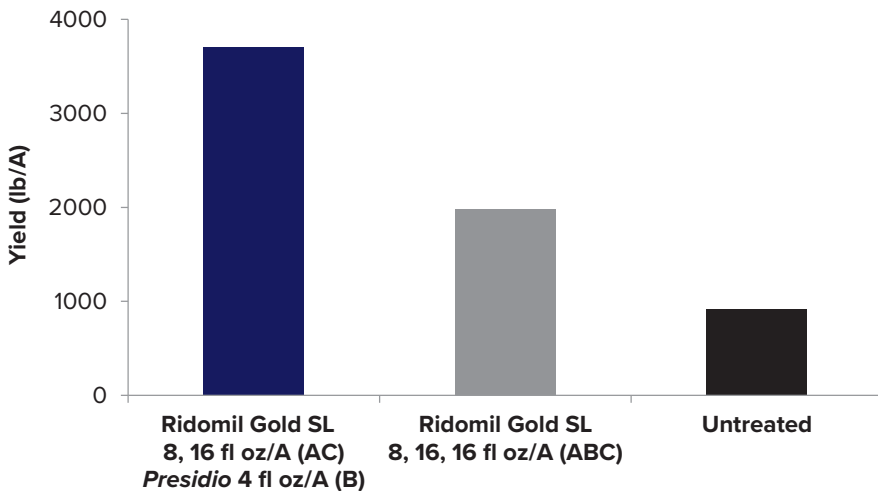
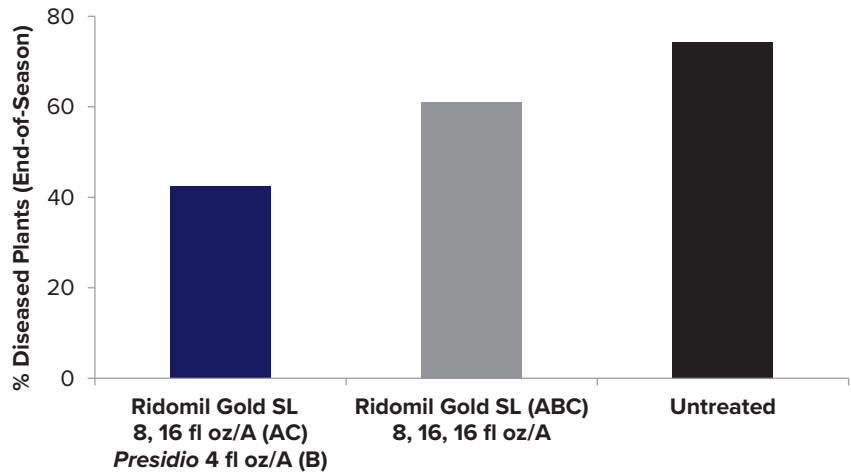
Ridomil Gold SL
(applied in transplant water)
followed by *Presidio*
at layby (or at 1st cultivation)

Presidio Program Enhances Black Shank Control on Flue-Cured Tobacco

Presidio added to a Ridomil program for black shank gives better control of black shank than Ridomil alone

Sources: North Carolina State University and University of Georgia

Application timings: A = Transplant water, B = 1st cultivation, C = Layby



Presidio Program Boosts Yield from Black Shank Protection Flue-Cured Tobacco

Presidio at 1st cultivation in a three-spray program resulted in a significant increase in yield over the Ridomil-only program

Sources: North Carolina State University and University of Georgia

Yield (lb/A) = Cured leaf
Application timings: A = Transplant water, B = 1st cultivation, C = Layby

Target Diseases	Crop	Rate
Black Shank (<i>Phytophthora nicotianae</i>) Blue Mold (<i>Peronospora tabacina</i>)	Tobacco (flue-cured, burley, dark and cigar)	4 fl oz/A

Presidio Application Options for Multi-Spray Black Shank Programs

	Program 1: Post-Transplant (<i>Presidio</i> at Layby)	Program 2: Post-Transplant (<i>Presidio</i> at 1st Cultivation)
At-Planting	Apply registered fungicide with different mode of action against black shank at or immediately after transplanting	Apply registered fungicide with different mode of action against black shank at or immediately after transplanting
1st Cultivation	Apply registered fungicide with different mode of action against black shank	<i>Presidio</i> 4 fl oz/A, direct nozzles to cover soil beneath lower leaves, incorporate immediately with cultivator
Layby	<i>Presidio</i> 4 fl oz/A, direct nozzles to cover soil beneath lower leaves, incorporate immediately with cultivator	Apply registered fungicide with different mode of action against black shank

Other Important Information

▶ Application Methods

- **Black Shank:** Post-transplant soil-directed spray at 1st cultivation or layby
- **Blue Mold:** Foliar spray

▶ Resistance Management Requirements

- **Black Shank:** Alternate *Presidio* with a fungicide which has a different mode of action (different FRAC group) against black shank. Do not make sequential applications of *Presidio* for black shank.
- **Blue Mold:** Tank mix *Presidio* with a labeled rate of another fungicide active against blue mold, but with a different mode of action. A sequential application of *Presidio* plus a tank mix partner is permitted (7-day interval).

▶ Re-Entry Interval (REI): 12 hours

▶ Pre-Harvest Interval (PHI): 7 days (foliar)

▶ Rainfast: 2 hours

▶ Compatibility: Compatible with fungicides, insecticides and fertilizers