

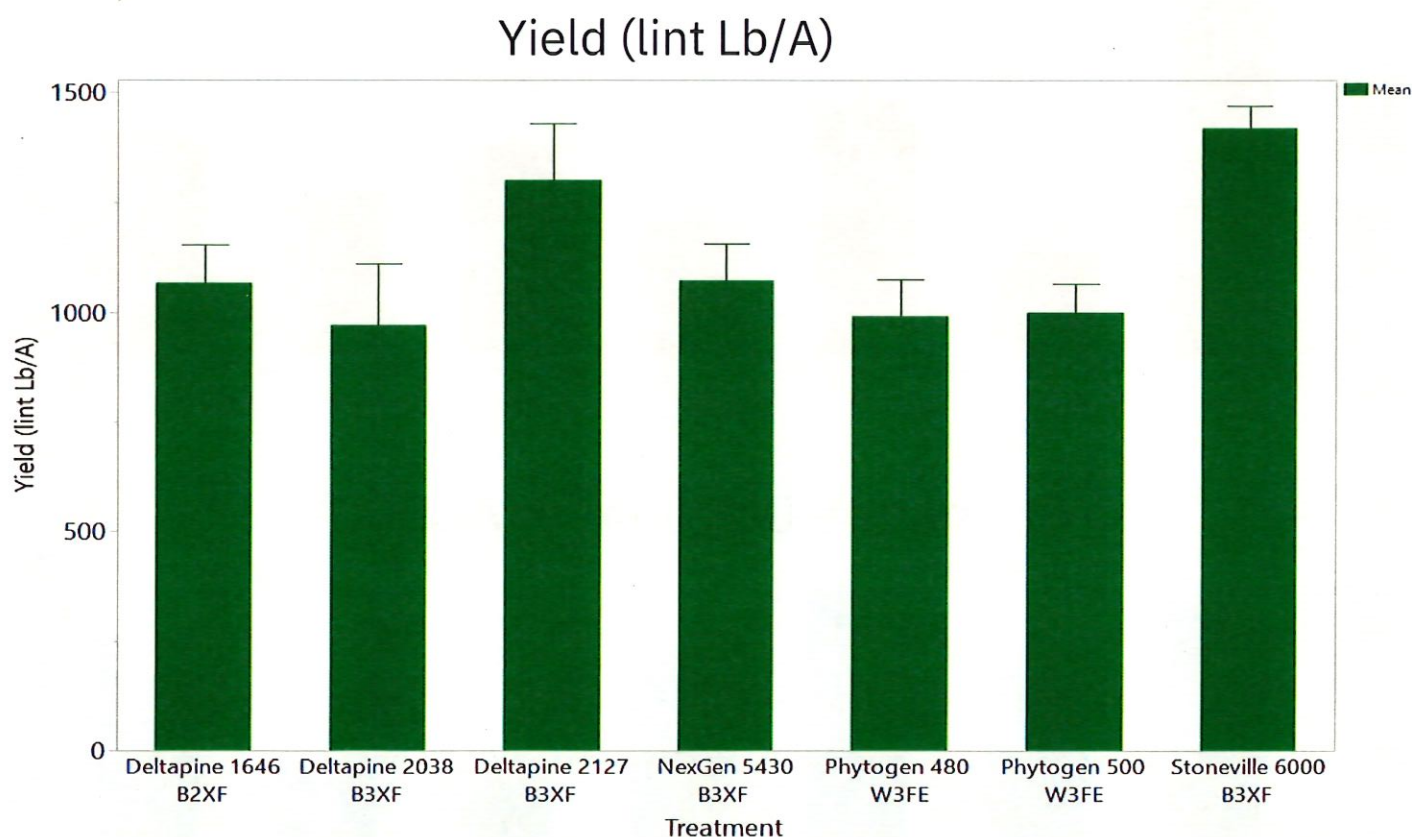
Cotton Disease Management

Dr. Ian Small / Kelly O'Brien

2025 Cotton Variety Trial

This trial evaluated 7 cotton varieties for natural disease resistance, so no fungicides were applied.

The varieties used were: Deltapine 1646, Deltapine 2038, Deltapine 2127, NexGen 5430, Phytogen 480, Phytogen 500, and Stoneville 6000

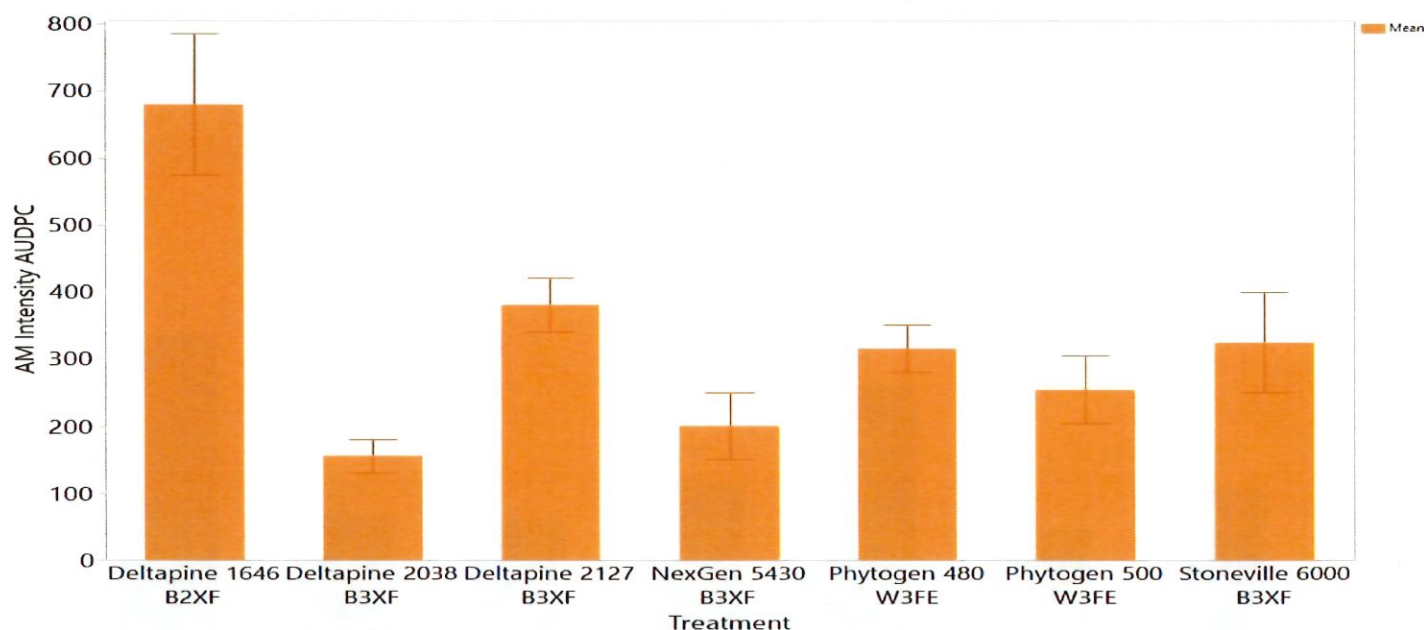


Cotton Disease Management

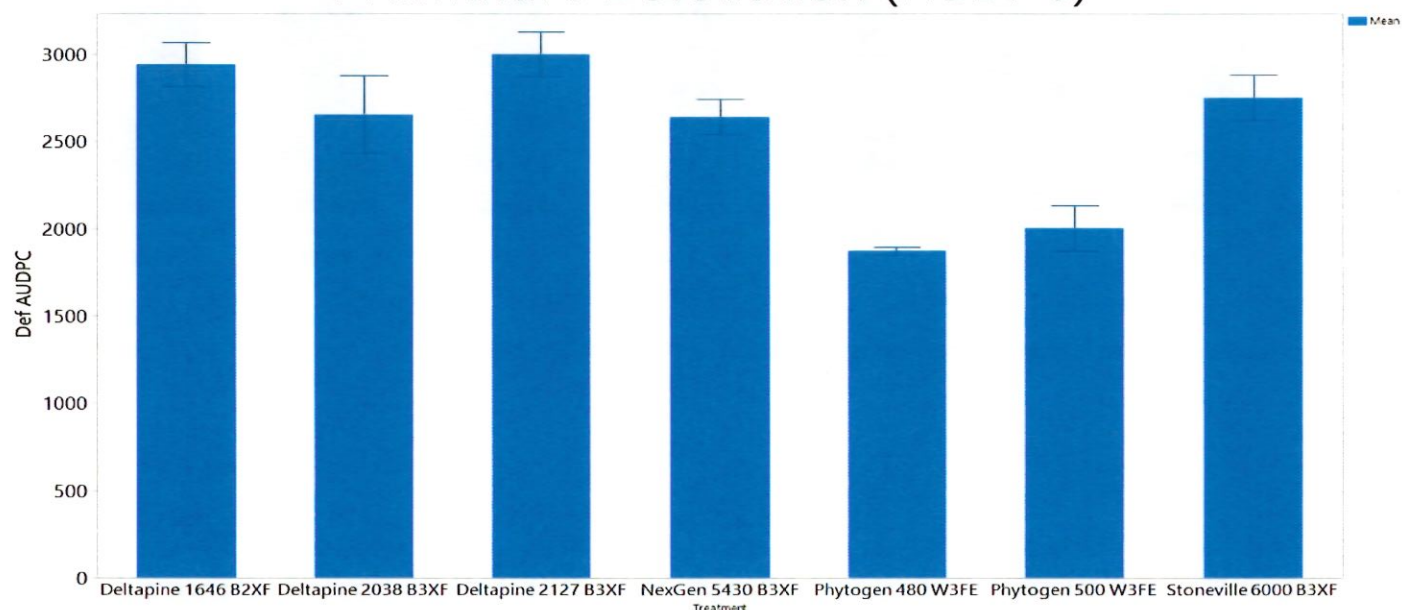
Dr. Ian Small / Kelly O'Brien

2025 Cotton Variety Trial

Areolate Mildew Intensity (AUDPC)



Premature Defoliation (AUDPC)



Each error bar is constructed using 1 standard error from the mean.

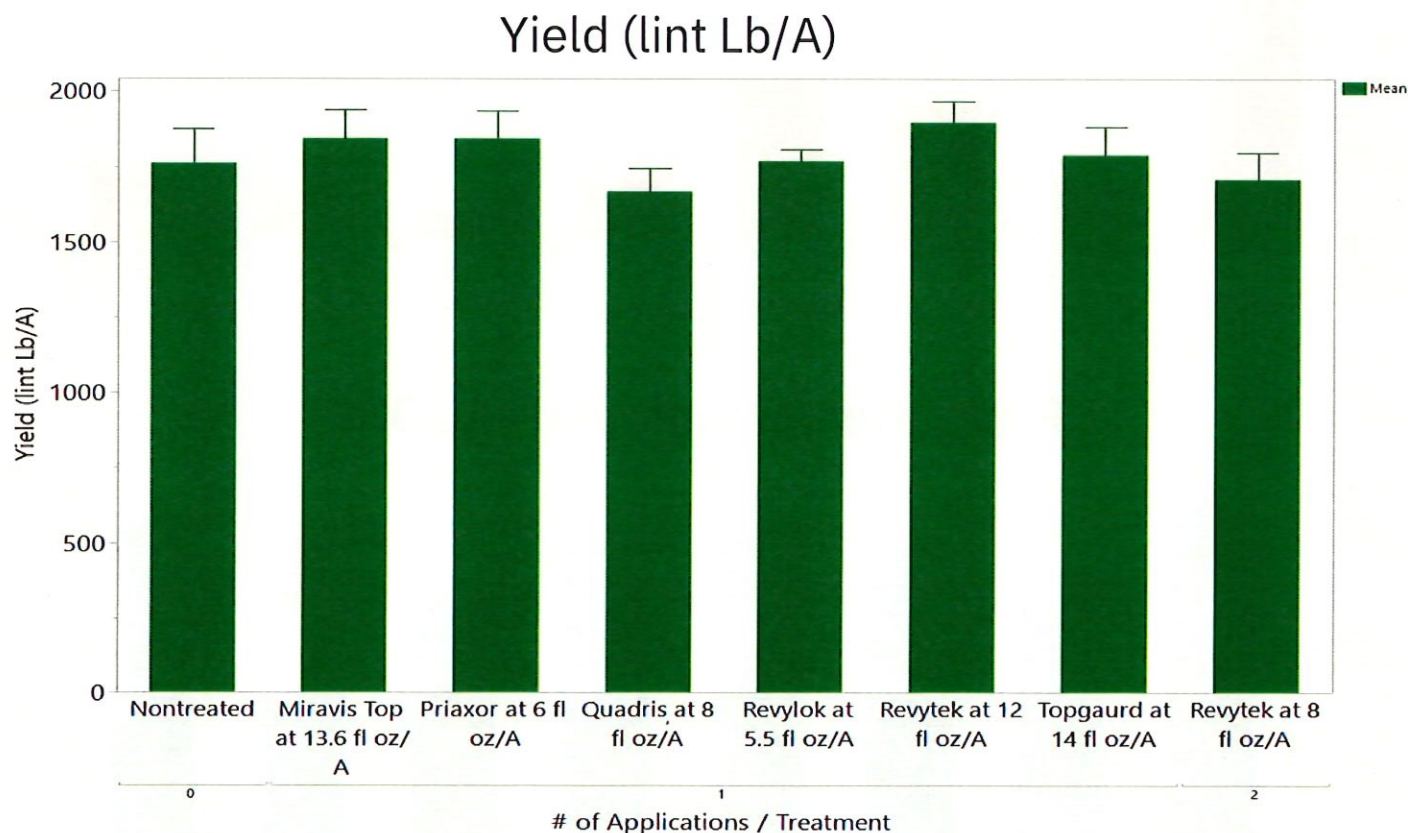
Cotton Disease Management

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2025 Cotton Fungicide Efficacy Trial

This trial evaluated 7 cotton fungicides treatments for disease control on Deltapine 2127.

The fungicide treatments were: one application at 3rd week of bloom of Revytek @ 12 fl oz/A, Revylok @5.5 fl oz/A, Priaxor @6 fl oz/A, Miravis Top @13.6 fl oz/A, topgaurd @14 fl oz/A Quadris @8 fl oz/A. Revytek @ 8 fl oz/A was applied at 3rd and 5th week of bloom.



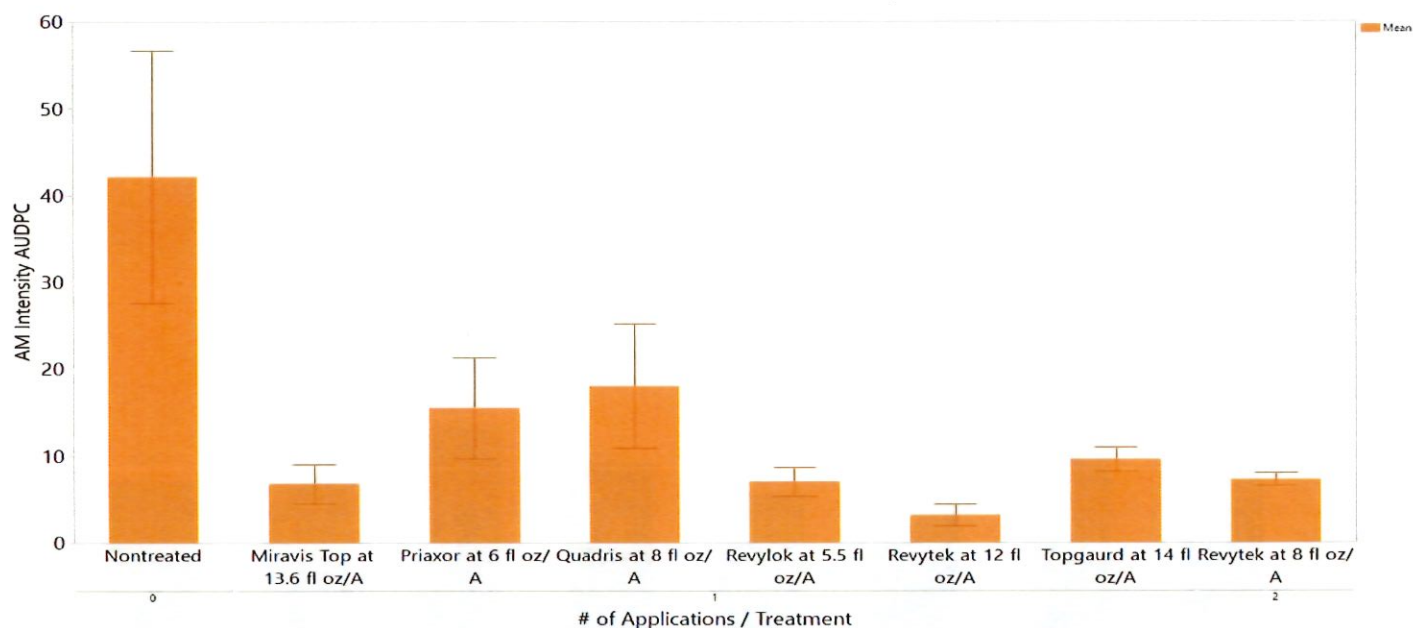
Each error bar is constructed using 1 standard error from the mean.

Cotton Disease Management

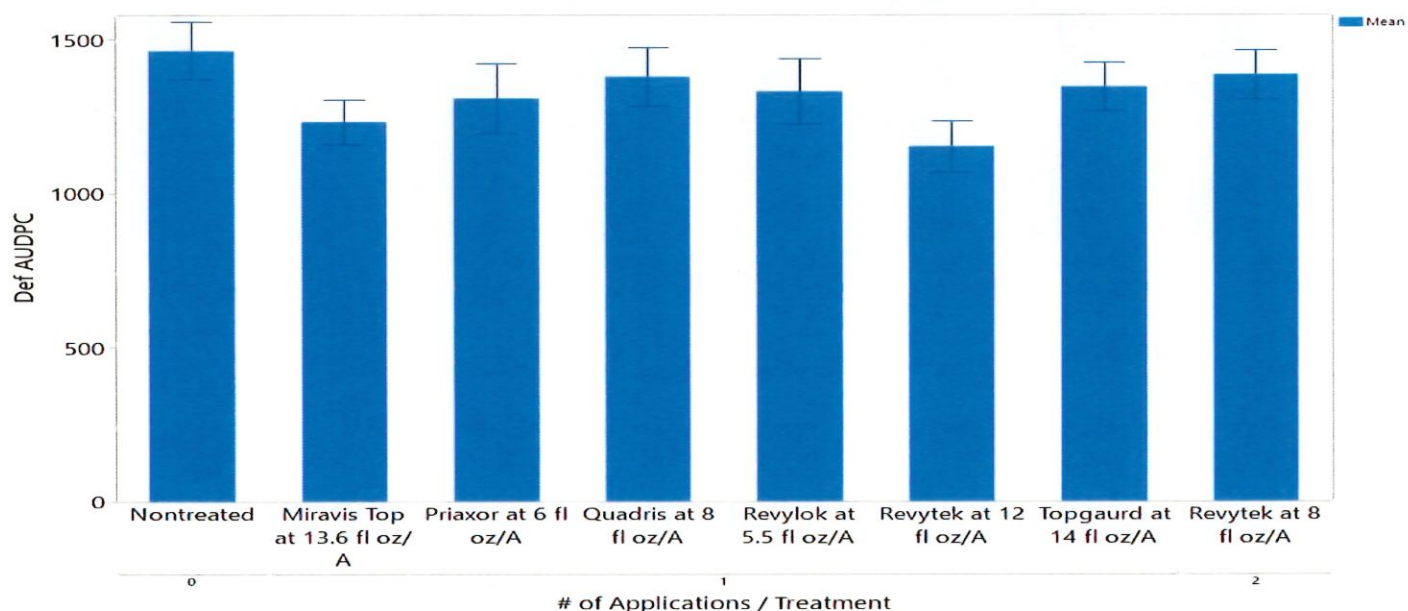
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2025 Cotton Fungicide Efficacy Trial

Areolate Mildew Intensity (AUDPC)



Premature Defoliation (AUDPC)



Each error bar is constructed using 1 standard error from the mean.

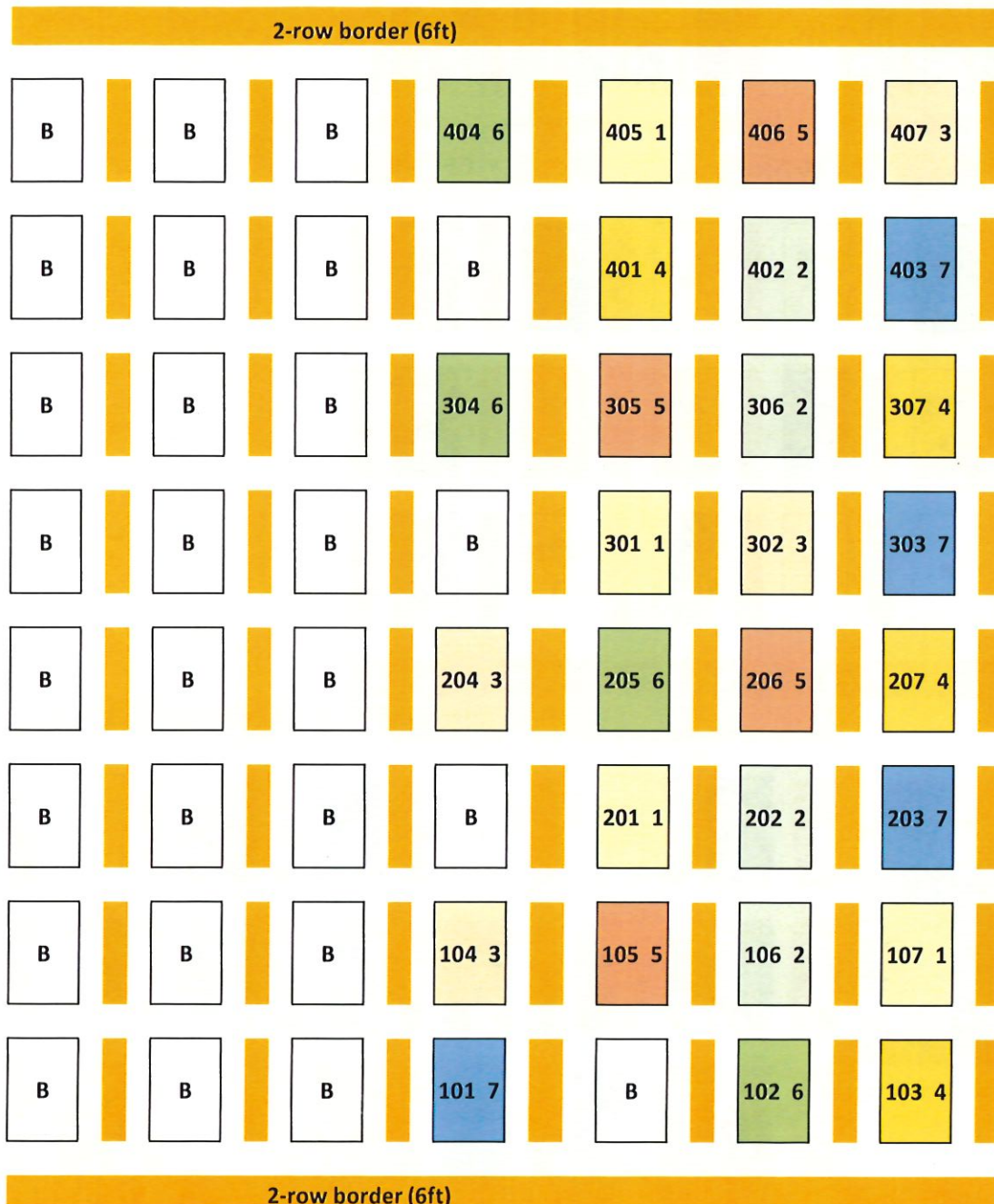
Cotton Disease Management

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2026 Cotton Variety Disease Trial

2026 Cotton Variety Disease Study

7 varieties x 4 reps = 28 plots



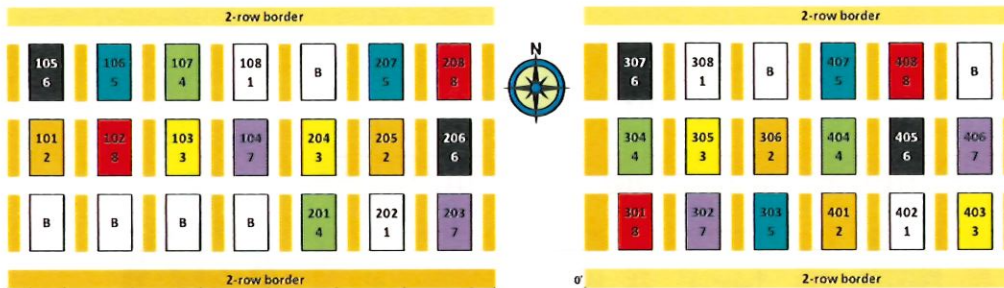
TRT#Variety
 1DP2038
 2DP2127
 3NG5430
 4ST6000
 5PHY480
 6PHY500
 7DP1646
 BDP1646



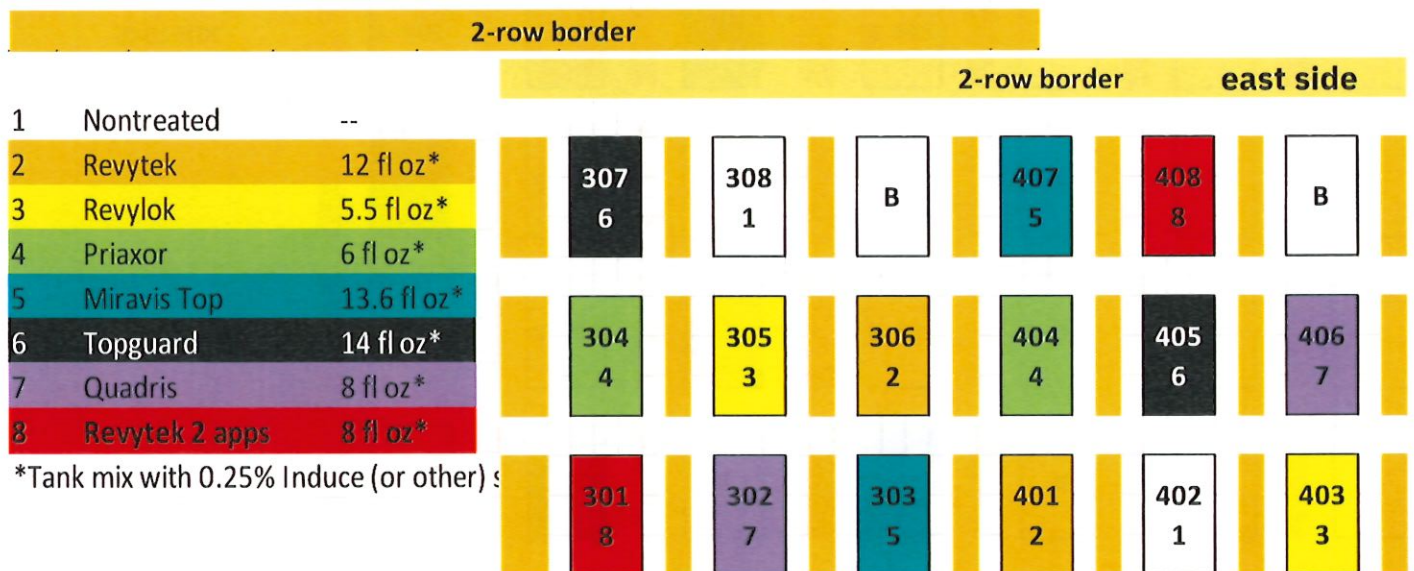
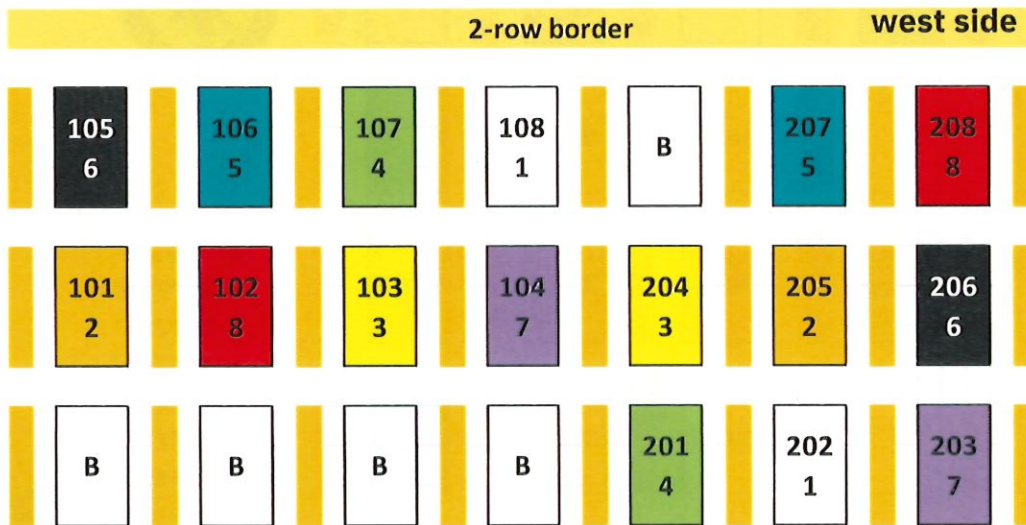
Cotton Disease Management

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2026 Cotton Fungicide Trial



Layout design



1	Nontreated	--
2	Revytek	12 fl oz*
3	Revylok	5.5 fl oz*
4	Priaxor	6 fl oz*
5	Miravis Top	13.6 fl oz*
6	Topguard	14 fl oz*
7	Quadris	8 fl oz*
8	Revytek 2 apps	8 fl oz*

*Tank mix with 0.25% Induce (or other)

Cotton Disease Management

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2026 Cotton NPMTI Trial (National Predictive Modeling Tool)

