

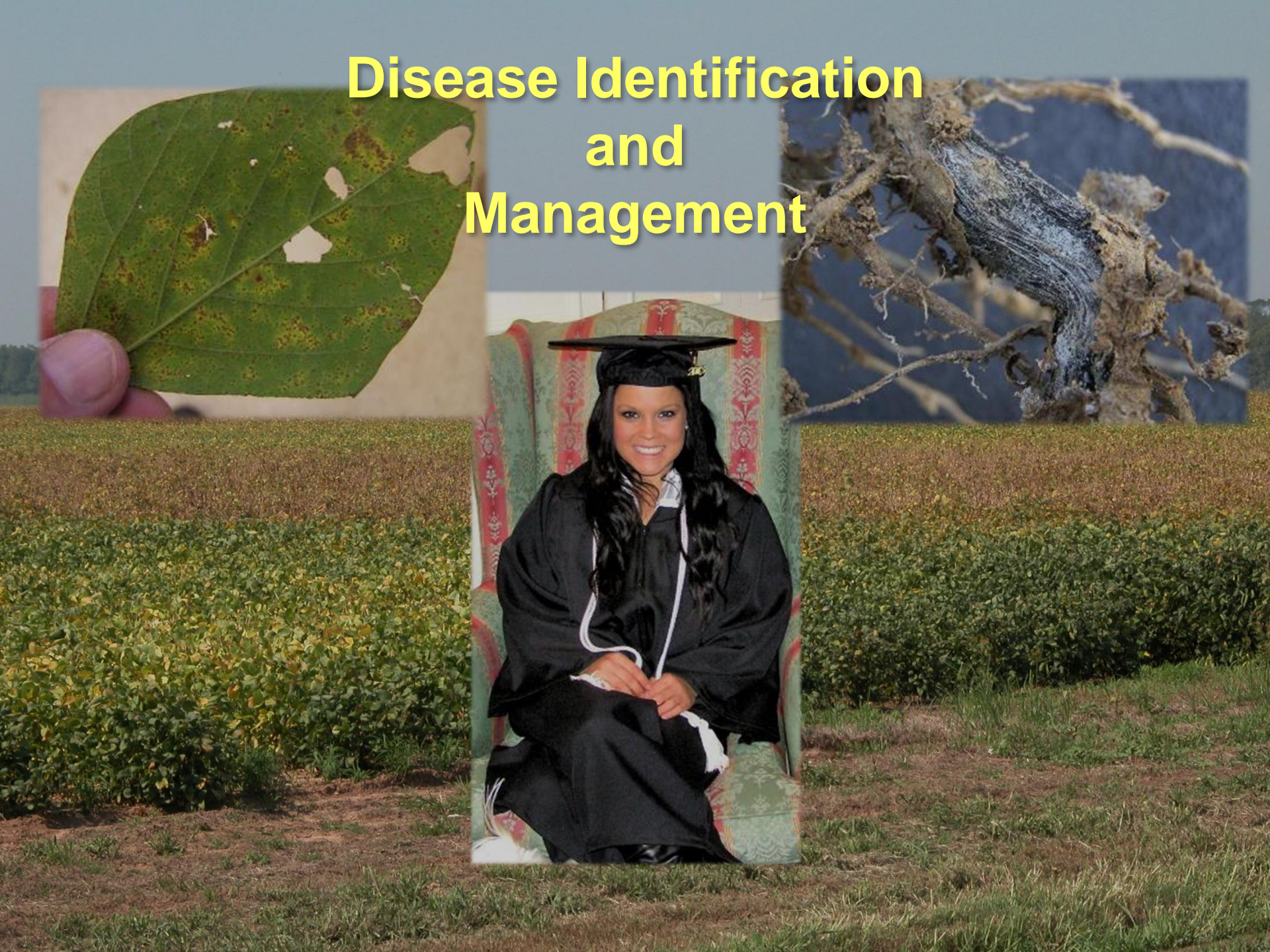
# Soybean Disease Management Using Genetic Resistance, Planting Date, and Fungicides




Louisiana Agricultural  
Technical and Management  
Conference  
February 7-9, 2024



# Disease Identification and Management



A close-up photograph of soybean leaves showing symptoms of fungicide burn. The leaves are green but have several distinct, irregular brown and yellow necrotic spots scattered across their surfaces. Some spots are larger and more concentrated, while others are smaller and more diffuse. The background is a blurred field of similar plants.

**Fungicide Burn  
Triazole**

A wide-angle photograph of a soybean field. The plants in the foreground and middle ground are showing signs of stress and damage. Many leaves are yellowed, and some plants appear stunted or dead. The background shows a line of trees under a clear sky.

**Red Crown Rot**



# **REDUCED VS CONVENTIONAL**

**Soil Temperature**

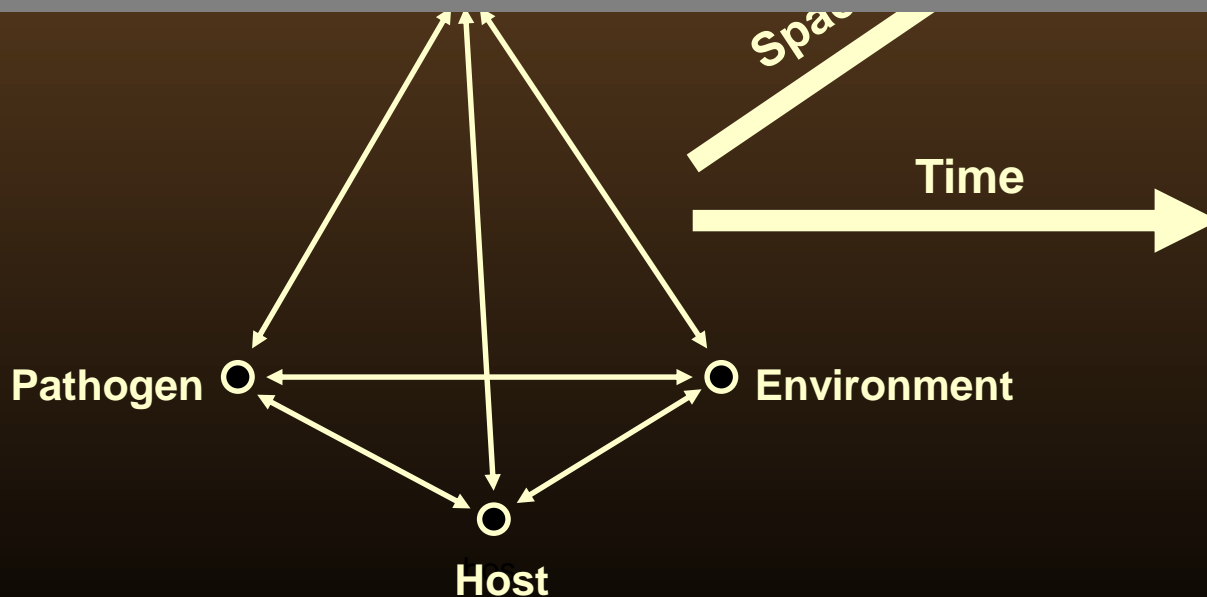
**Soil Moisture**

**Pest Cycle**

**Plant Debris**

Includes both temporal and spatial aspects of disease development and the influence of the environment and humans

# VARIES FOR EACH DISEASE





# *Environmental Factors Drive Epidemics*

- ✓ **Air / Soil Temperature**
- ✓ **Leaf Wetness/RH**
- ✓ **Soil Moisture**
- ✓ **UV Light**
- ✓ **How Long Conditions  
Remain Favorable**

# Disease Cycle – Pathogen Dispersal







# SOYBEAN DISEASE MANAGEMENT

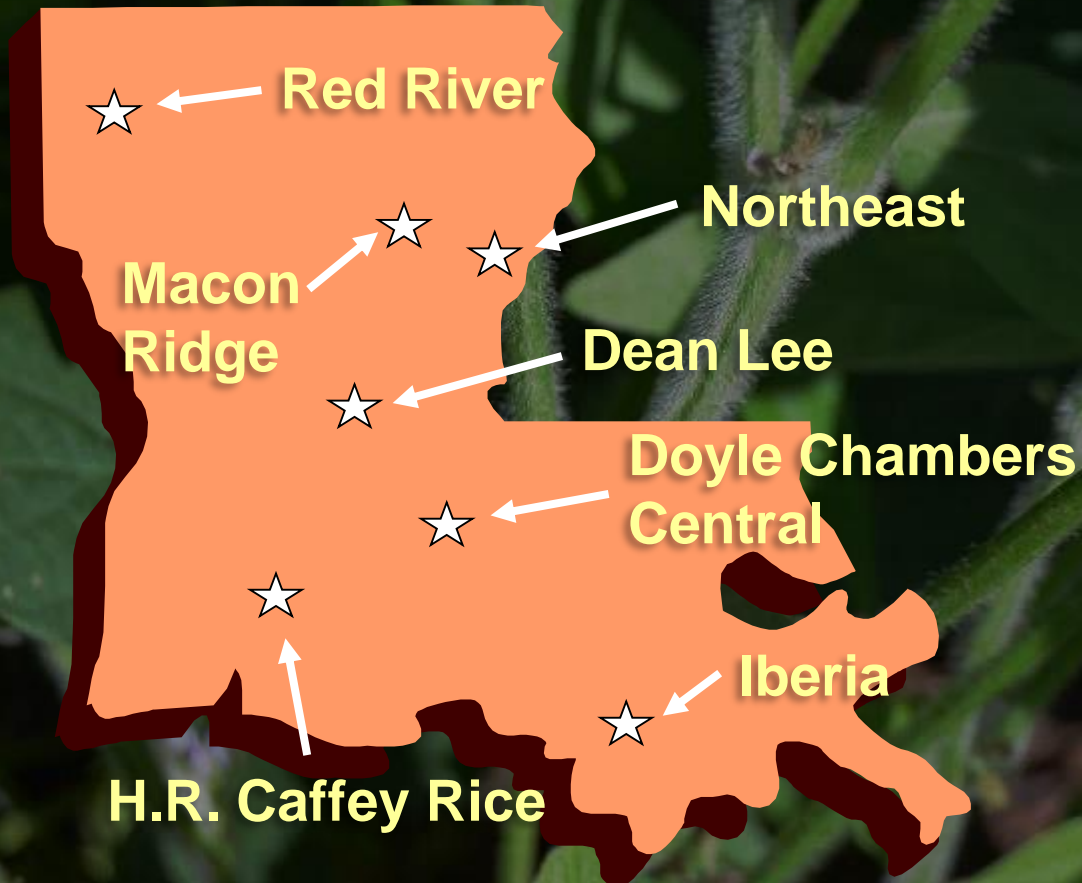
- ✓ OVT at Dean Lee and Doyle Chambers Central Research Stations (No Fungicide vs Fungicide)
- ✓ Soybean planting date at Dean Lee (selected dates No Fungicide vs Fungicide)
- ✓ Fungicide Screening (on-station, on-farm)



A wide-angle photograph of a lush green soybean field. The rows of plants stretch far into the distance, creating a strong sense of perspective. The sky is filled with soft, grey clouds, suggesting an overcast day. The overall tone is natural and agricultural.

# **OFFICIAL VARIETY TRIALS**

# *Locations*



# ***Locations***



# SOYBEAN OVT

- ✓ OVT – Same OVT Dr. Moseley (Planted side by side in the same field)
- ✓ Varieties in 5 Maturity Groupings (71-152 var)
- ✓ Revytek (8.0 fl oz/A)  $\frac{1}{4}\%$  v/v NIS applied R3/R4
- ✓ Monitor and quantify disease development (CLB, Frog Eye, Aerial Blight, Target Spot, Rust)
- ✓ Compare disease ratings and yields of treated vs non-treated
- ✓ Improve variety selection based on disease resistance and yield
- ✓ Results published in LSU AgCenter Soybean Variety Publication



## 2021 Dean Lee Soybean OVT WITH AND WITHOUT FUNGICIDE

	FUNG	NO FUNG	diff	FUNG	NO FUNG	diff
	Yield			FE SCORE		
Brand / Variety	bu/a			0-9		
AG43XF2	57.0	42.5	14.4	0.0	0.0	0.0
LS4415XF	64.1	51.0	13.2	0.0	0.0	0.0
NK S44-C7X	62.9	50.4	12.5	0.5	1.5	1.0
PROGENY P 4444RXS	57.4	46.6	10.7	0.0	0.0	0.0
ARMOR 44-D49	64.5	53.8	10.6	0.0	0.5	0.5
AG38XF1	48.7	38.3	10.4	0.0	0.0	0.0
NK39-A1XF	46.6	36.8	9.9	0.0	0.0	0.0
AG40XF1	55.9	46.1	9.8	0.0	0.0	0.0
PIONEER 42A96X	56.4	46.9	9.5	0.0	1.3	1.3
DYNA-GRO S43XS70	62.0	53.3	8.7	0.0	0.0	0.0
PROGENY P 4431E3	54.8	47.1	7.7	0.0	0.0	0.0
BASF CZ 4202XF	48.5	42.3	6.2	0.0	1.3	1.3

# Charcoal Rot

**ONE YEAR  
ONE LOCATION**





## 2021-23 Soybean OVT WITH AND WITHOUT FUNGICIDE

	DEAN LEE			CENTRAL		
	Yield (bu/A)			Yield (bu/A)		
YEAR MG	FUNG	NO	diff	FUNG	NO	diff
2021 (3.0-4.4)	56.6	46.6	10.0			
2022 (3.0-4.4)	74.4	76.4	-2.0	49.4	43.8	5.6
2023 (3.0-4.4)	43.8	37.9	5.9	60.1	54.4	5.7
2021 (4.5-4.7)	62.3	48.6	13.7			
2022 (4.5-4.7)	77.5	76.7	0.8	48.9	43.2	5.7
2023 (4.5-4.7)	35.5	32.7	2.8	65.6	61.7	3.9
2021 (4.8-4.9)	56.7	43.1	13.6			
2022 (4.8-4.9)	69.6	66.3	3.3	50.0	46.0	4.0
2023 (4.8-4.9)	37.8	34.6	3.2	66.3	60.6	5.7





## 2021-23 Soybean OVT WITH AND WITHOUT FUNGICIDE

	DEAN LEE			CENTRAL		
	Yield (bu/A)			Yield (bu/A)		
YEAR MG	FUNG	NO	diff	FUNG	NO	diff
2021 (5.0-5.3)	64.1	47.8	16.3			
2022 (5.0-5.3)	74.9	74.6	0.3	56.3	41.9	14.4
2023 (5.0-5.3)	33.2	35.1	-1.9	67.1	60.8	6.3
2021 (5.4-5.9)	65.7	50.0	15.7			
2022 (5.3-5.9)	77.8	72.5	5.3	63.0	49.7	13.3
2023 (5.4-5.9)	27.0	29.9	-2.9	55.6	52.9	2.7

A black and white photograph of a soybean plant, showing a trifoliate leaf at the top and two large, developing soybean pods in the center. The background is a soft-focus field of soybean plants. The text is overlaid on this image.

Variety Yields and Production Practices

2023

# SOYBEAN

[Varieties \(Isuagcenter.com\)](https://www.isuagcenter.com)

# 2021 / 2022 / 2023 SOYBEAN PLANTING DATE

- ✓ 12 Varieties (MG 4.0-5.3)
- ✓ Planting dates from March to June
- ✓ Fungicide applied at R3/R4
- ✓ Quantify disease and yield
- ✓ Determine if planting date can be used to reduce risk to disease

# 2021 Planting Date – Dean Lee

<b>VARIETY (MG)</b>	<b>PD 1 FE (0-9)</b>	<b>PD 2 FE (0-9)</b>	<b>PD3 FE (0-9)</b>	<b>PD 4 FE (0-9)</b>	<b>PD 5 FE (0-9)</b>	<b>PD 6 FE (0-9)</b>
<b>AG40XF1 (4.0)</b>	<b>0</b>	<b>3.8</b>	<b>-</b>	<b>0</b>	<b>0</b>	<b>1.3</b>
<b>S17PR-499RS (4.2)</b>	<b>8.0</b>	<b>8.0</b>	<b>8.0</b>	<b>6.8</b>	<b>7.5</b>	<b>6.3</b>
<b>AG43X0 (4.3)</b>	<b>0.8</b>	<b>0</b>	<b>1.0</b>	<b>0</b>	<b>0.8</b>	<b>0</b>
<b>AG44XF2 (4.4)</b>	<b>0.8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.8</b>
<b>S16-550R (4.6)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.5</b>	<b>0</b>
<b>AG47XF2 (4.7)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>CZ4770X (4.7)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.0</b>
<b>AG48X9 (4.8)</b>	<b>0</b>	<b>0</b>	<b>1.0</b>	<b>0</b>	<b>0.8</b>	<b>0.8</b>
<b>S16-3747RY (5.0)</b>	<b>0</b>	<b>0</b>	<b>1.5</b>	<b>4.0</b>	<b>4.3</b>	<b>2.5</b>
<b>AG53XF2 (5.3)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.8</b>
<b>AG55XF0 (5.5)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>AG56X8 (5.6)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1.0</b>	<b>0</b>	<b>0</b>

# 2021 Planting Date – Dean Lee

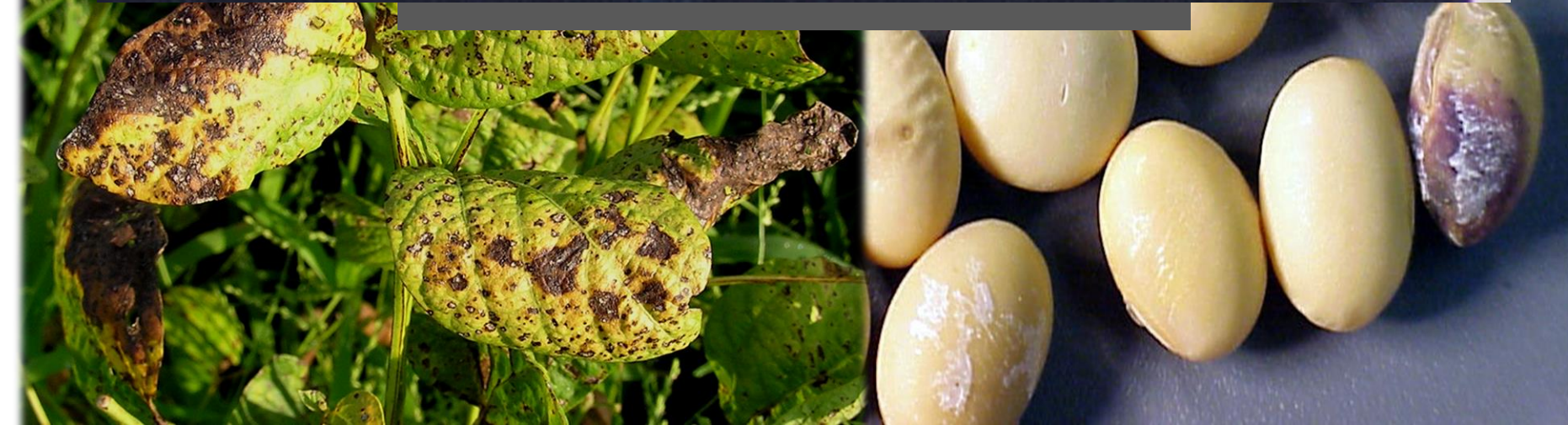
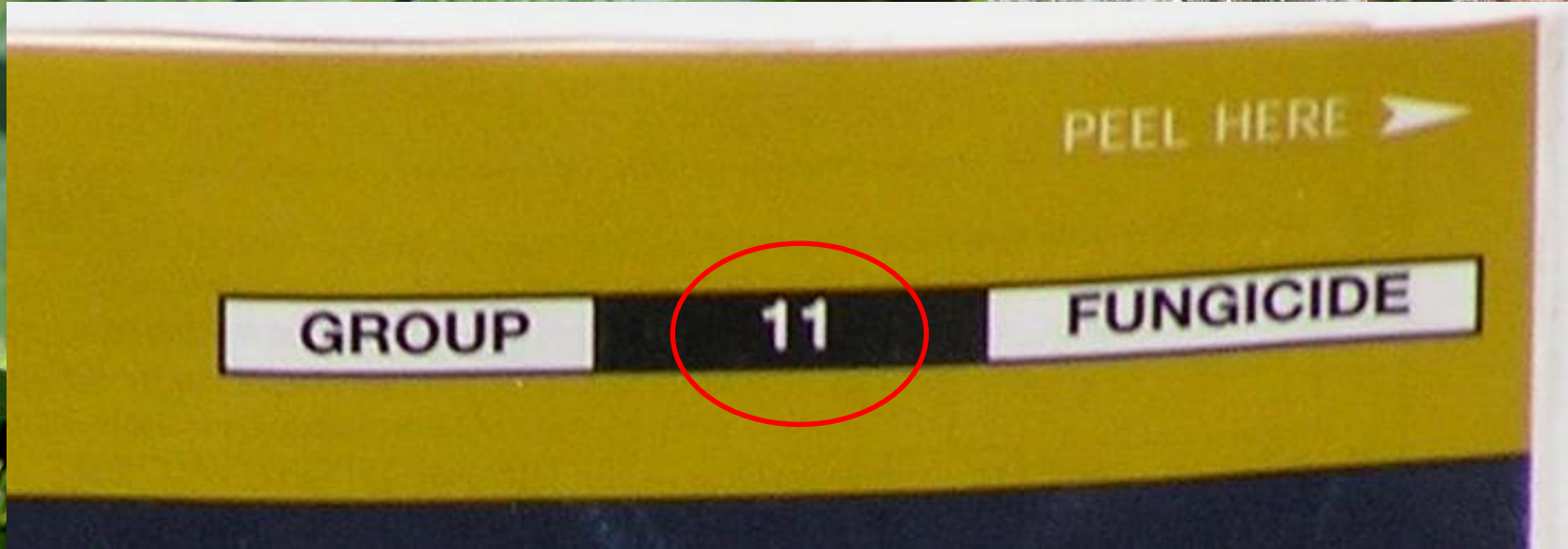
<b>VARIETY (MG)</b>	<b>PD 1 AB (0-9)</b>	<b>PD 2 AB (0-9)</b>	<b>PD3 AB (0-9)</b>	<b>PD 4 AB (0-9)</b>	<b>PD 5 AB (0-9)</b>	<b>PD 6 AB (0-9)</b>
<b>AG40XF1 (4.0)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.3</b>
<b>S17PR-499RS (4.2)</b>	<b>0</b>	<b>0.5</b>	<b>0.3</b>	<b>0</b>	<b>3.0</b>	<b>3.3</b>
<b>AG43X0 (4.3)</b>	<b>0</b>	<b>0.0</b>	<b>3.3</b>	<b>0</b>	<b>0</b>	<b>1.8</b>
<b>AG44XF2 (4.4)</b>	<b>0</b>	<b>0.3</b>	<b>0.3</b>	<b>0</b>	<b>1.5</b>	<b>0.3</b>
<b>S16-5540R (4.6)</b>	<b>0</b>	<b>0.5</b>	<b>1.5</b>	<b>0</b>	<b>0</b>	<b>4.0</b>
<b>AG47XF2 (4.7)</b>	<b>0.3</b>	<b>0.8</b>	<b>2.5</b>	<b>0</b>	<b>0.3</b>	<b>2.0</b>
<b>CZ4770X (4.7)</b>	<b>0</b>	<b>0.3</b>	<b>0.3</b>	<b>0.8</b>	<b>0.3</b>	<b>3.3</b>
<b>AG48X9 (4.8)</b>	<b>0</b>	<b>0</b>	<b>5.0</b>	<b>0.3</b>	<b>5.5</b>	<b>1.3</b>
<b>S16-3747RY (5.0)</b>	<b>0</b>	<b>0</b>	<b>3.5</b>	<b>0</b>	<b>3.3</b>	<b>2.3</b>
<b>AG53XF2 (5.3)</b>	<b>0</b>	<b>0</b>	<b>5.3</b>	<b>0</b>	<b>6.0</b>	<b>1.0</b>
<b>AG55XF0 (5.5)</b>	<b>0</b>	<b>1.0</b>	<b>3.3</b>	<b>0</b>	<b>4.0</b>	<b>0.8</b>
<b>AG56X8 (5.6)</b>	<b>0</b>	<b>0.3</b>	<b>2.0</b>	<b>0</b>	<b>1.5</b>	<b>0</b>

An aerial photograph of a vast agricultural field, likely a cornfield, divided into a dense grid of rectangular plots. The plots show varying shades of green and brown, indicating different stages of crop growth or the effects of various treatments. The perspective is from a high angle, looking down on the field. The text "FUNGICIDE SCREENING" is overlaid in the center in a bold, yellow, sans-serif font.

# FUNGICIDE SCREENING

# *Locations*









# Mode of action determines risk to resistance

Class	Active Ingredient	Trade Name	Resistance Risk
QoI (strobilurins) Group 11	azoxystrobin	Quadris (Generics)	HIGH
	trifloxystrobin	Gem	
	pyraclostrobin	Headline	
DMI (triazoles) Group 3	flutriafol	Topguard	MEDIUM
	propiconazole	Tilt (Generics)	
	tetraconazole	Domark	
MBC Thiophanates (benzimidazoles) Group 1	thiophanate-methyl	Topsin-M Incognito (Generics)	HIGH
SDHI Carboxamides Group 7	boscalid	Endura	HIGH
	fluopyram	Luna	
	sedaxane	Vibrance	
	fluxapyroxad	Priaxor	

# Strategy list

- 1. Do not use the product exclusively**
- 2. Restrict the number of treatments applied per season and apply only when strictly necessary. Use other fungicides both beforehand and subsequently.**
- 3. Maintain manufacturers' recommended dose**
- 4. Avoid eradicant or curative use.**
- 5. Integrated disease management**
- 6. Chemical diversity**

# 2020 Fungicide – Dean Lee

Treatment (fl oz/a) <sup>1</sup>	Sept 10 Aerial Blight Hits 25 ft row <sup>2</sup>	Sept 19 Rust 0-9	Sept 19 CLB 0-9	Sept 25 % Defol	Oct 20 TW lb/bu	Oct 20 Yld bu/a
Non-treated	9.7	5.5	5.5	71.3	55.2	48.1
Miravis Top (13.7)	5.2	0.3	2.3	11.3	56.2	60.5
Trivapro (13.7)	0.7	0.5	2.8	22.2	55.7	58.0
Revytek (8.0)	2.7	0.0	3.3	7.5	56.1	57.4
Aproach Prima (6.8)	2.3	0.8	3.3	25.0	55.7	51.8
Stratego Yld (4.5)	2.7	0.8	3.3	33.8	55.9	52.8
Topguard EQ (5)	1.0	0.3	3.0	26.3	56.0	57.5
Priaxor (4)	2.2	0.8	2.8	26.3	56.0	57.2
Lucento (5)	1.7	0.3	2.8	20.0	55.6	55.4
LSD P=0.10	4.0	0.7	1.1	14.2	0.9	5.5

<sup>1</sup> Application timing R3.

<sup>2</sup> Hit is up to 1 ft of row with symptoms of aerial blight.

# 2020 Fungicide – Ben Hur

Treatment (fl oz/a) <sup>1</sup>	Aug 17 Aerial Blight Hits/25 ft	Aug 24 Aerial Blight Hits/25 ft	Aug 31 Aerial Blight Hits/25 ft	Oct 6 Test Weight lb/bu	Oct 6 Yield bu/A
Non-treated	7.0	13.1	13.5	50.2	24.7
Miravis Top (13.7)	4.1	8.7	10.8	49.8	30.9
Trivapro (13.7)	3.0	4.7	7.6	52.1	36.8
Revytek (8.0)	1.8	3.6	5.7	51.7	39.1
Approach Prima (6.8)	6.0	8.2	13.2	50.9	32.0
Stratego Yld (4.5)	3.6	6.8	9.3	52.3	36.1
Topguard EQ (5)	2.1	5.1	6.7	51.5	45.6
Priaxor (4)	2.5	4.7	5.7	53.0	35.6
Lucento (5)	4.0	6.6	9.1	50.9	38.4
LSD P=0.10	3.1	4.0	3.6	2.5	5.8

<sup>1</sup> Application timing R3.

<sup>2</sup> Hit is up to 1 ft of row with symptoms of aerial blight.



1



- ✓ Lucento (G Blight)
- ✓ All Good or

# 2021 Fungicide – Dean Lee

<b>Treatment (fl oz/a)<sup>1</sup></b>	<b>Sept 17 Aerial Blight 0-9</b>	<b>Sept 17 Target Spot 0-9</b>	<b>Oct 20 TW lb/bu</b>	<b>Oct 20 Yld bu/A</b>
<b>Non-treated</b>	<b>5.5</b>	<b>4.5</b>	<b>52.9</b>	<b>50.8</b>
<b>Trivapro (13.7)</b>	<b>0.0</b>	<b>3.5</b>	<b>53.1</b>	<b>54.0</b>
<b>Aproach Prima (6.8)</b>	<b>1.5</b>	<b>4.3</b>	<b>52.5</b>	<b>51.4</b>
<b>Quadris Top SBX (7.0)</b>	<b>0.5</b>	<b>4.0</b>	<b>53.1</b>	<b>55.7</b>
<b>Miravis Top (13.7)</b>	<b>0.5</b>	<b>2.5</b>	<b>52.9</b>	<b>56.3</b>
<b>Brixen (13.0)</b>	<b>0.8</b>	<b>4.3</b>	<b>53.0</b>	<b>54.0</b>
<b>LSD P=0.10</b>	<b>0.9</b>	<b>0.9</b>	<b>0.6</b>	<b>2.4</b>

<sup>1</sup> Application timing R3.

# 2021 Fungicide – Dean Lee

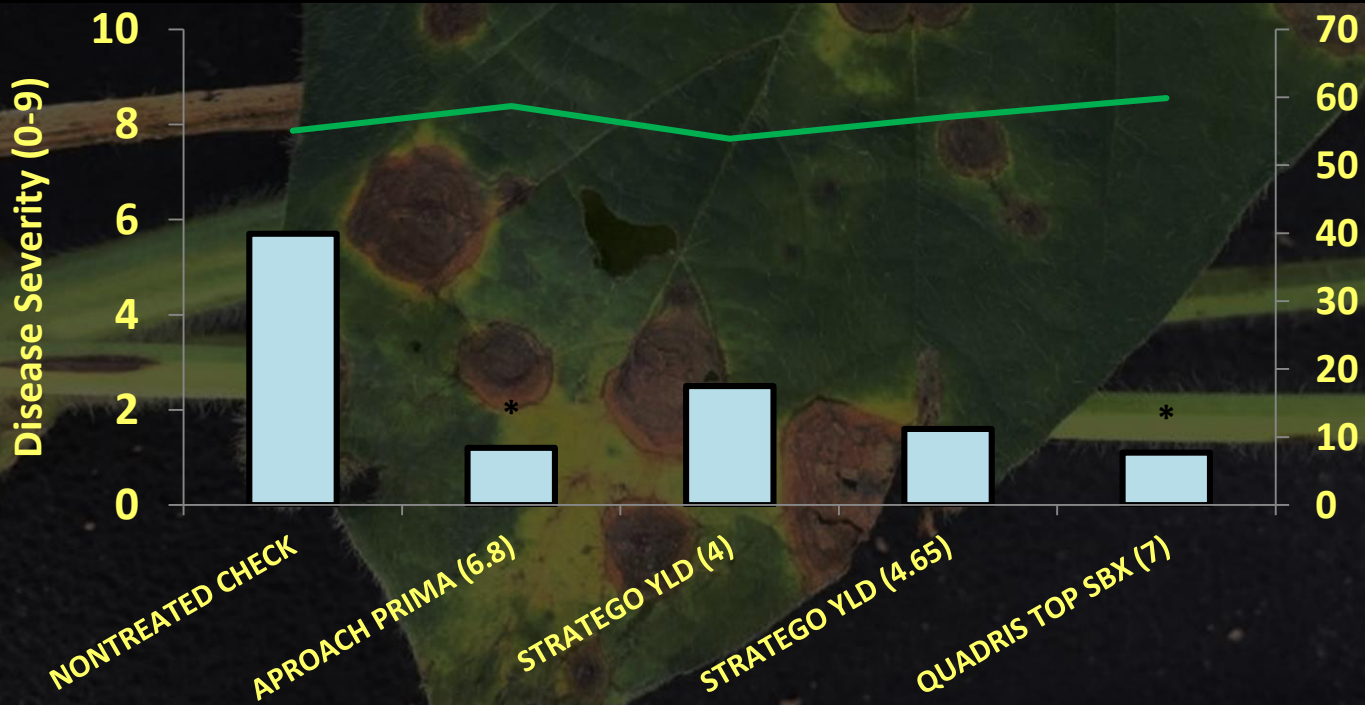
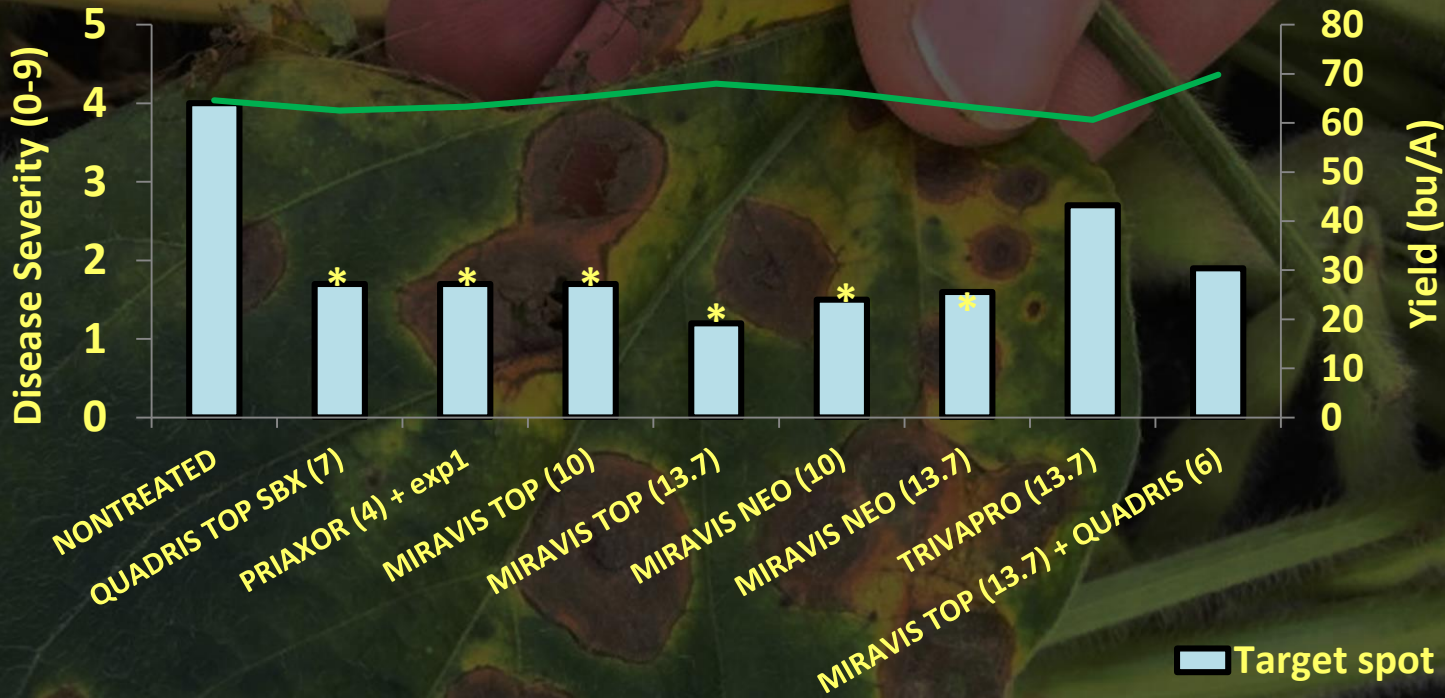
<b>Treatment (fl oz/a)<sup>10</sup></b>	<b>Sept 17 Aerial Blight 0-9</b>	<b>Sept 17 Target Spot 0-9</b>	<b>Oct 20 TW lb/bu</b>	<b>Oct 20 Yld bu/A</b>
<b>Non-treated</b>	<b>5.3</b>	<b>4.8</b>	<b>52.7</b>	<b>47.2</b>
<b>Revytek (8.0)</b>	<b>1.8</b>	<b>3.5</b>	<b>53.5</b>	<b>54.2</b>
<b>Lucento (5.0)</b>	<b>0.5</b>	<b>2.3</b>	<b>52.7</b>	<b>54.1</b>
<b>Miravis Top (13.7)</b>	<b>2.5</b>	<b>3.0</b>	<b>53.4</b>	<b>56.7</b>
<b>Delaro Complete (8.0)</b>	<b>2.5</b>	<b>2.8</b>	<b>52.5</b>	<b>56.7</b>
<b>LSD P=0.10</b>	<b>1.0</b>	<b>1.1</b>	<b>1.1</b>	<b>3.4</b>

<sup>1</sup> Application timing R3.



# Target spot



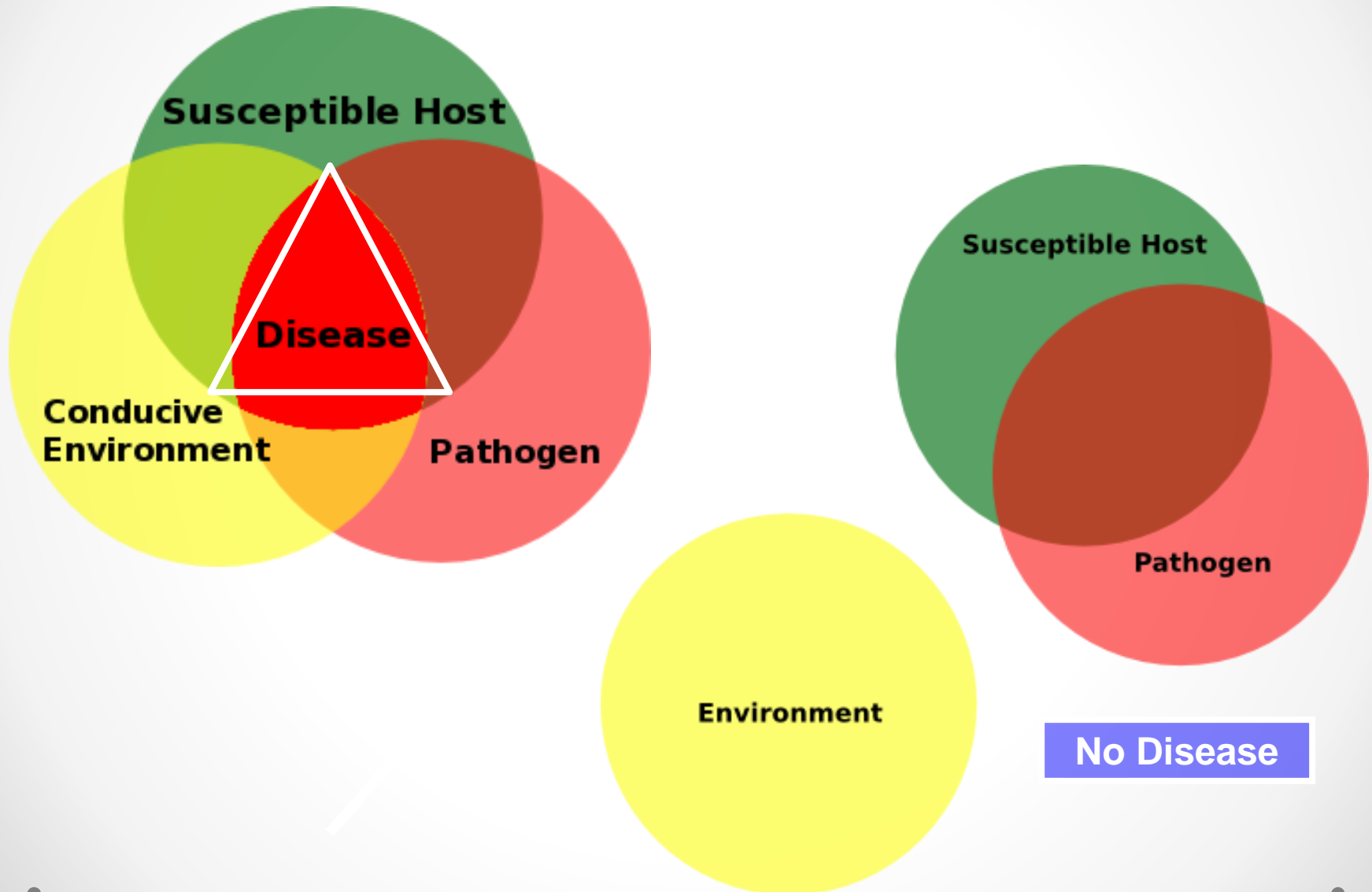


Dr. Trey Price

# 2023

<b>ALEXANDRIA</b>	
<b>May</b>	<b>0</b>
<b>June</b>	<b>4.57</b>
<b>July</b>	<b>1.66</b>
<b>August</b>	<b>0.01</b>
<b>September</b>	<b>0.73</b>
<b>Total Inches</b>	<b>6.97</b>

# How Does Disease Occur?



# 2023 Fungicide Doyle Chambers

Treatment (fl oz/a) <sup>1</sup>	GS @ Appl.	CLB <sup>1</sup> (0-9)	CLB <sup>2</sup> (0-9)	TW (lb/bu)	Yield <sup>3</sup> (bu/A)
Non-Treated	--	5.8	7.3	57.8	69.7
Quadris (6.0)	R3	5.5	7.0	57.5	71.5
Headline (6.0)	R3	5.5	7.5	57.8	69.4
Quadris Top SBX (7.0)	R3	4.6	5.7	57.6	70.4
Topguard EQ (5.0)	R3	4.8	5.2	58.0	72.5
Priaxor (4.0)	R3	5.1	6.2	57.5	72.5
Revytek (8.0)	R3	4.1	5.5	57.5	72.9
Miravis Top (13.7)	R3	4.4	5.9	58.0	71.7
Trivapro (13.7)	R3	4.9	6.6	57.9	71.0
Quilt Xcel (14.0)	R3	4.5	5.7	57.6	75.0
Aproach Prima (6.8)	R3	4.4	6.5	57.6	70.9
Stratego Yld (4.6)	R3	4.4	6.1	58.4	75.2
LSD (0.05)		1.2	1.4	NS	NS

<sup>1</sup> September 11.

<sup>2</sup> September 15.

<sup>3</sup> October 9.

# 2023 Fungicide Dean Lee

Treatment (fl oz/a) <sup>1</sup>	GS @ Appl.	(Sep 22) % Grn Lvs	TW (lb/bu)	(Oct 12) Yield (bu/A)
Non-Treated	--	7.3	56.9	30.2
Quadris (6.0)	R3	10.6	57.1	31.4
Headline (6.0)	R3	9.2	56.2	28.9
Quadris Top SBX (7.0)	R3	10.6	57.0	28.8
Topguard EQ (5.0)	R3	10.8	56.8	33.1
Priaxor (4.0)	R3	7.3	57.1	29.7
Revytek (8.0)	R3	13.1	56.9	30.3
Miravis Top (13.7)	R3	13.7	56.9	32.9
Trivapro (13.7)	R3	9.2	57.1	32.5
Quilt Xcel (14.0)	R3	9.4	56.7	32.4
Aproach Prima (6.8)	R3	9.2	57.2	34.6
Stratego Yld (4.6)	R3	7.3	57.1	35.6
LSD (0.05)		NS	NS	NS

# ***On-Farm Locations***



**Acadia  
Avoyelles  
Beauregard  
Morehouse  
Pointe Coupee  
Rapides  
St. James  
St. Landry  
Tensas**

# 2023 Fungicide Demonstration Somerset, Tensas Parish

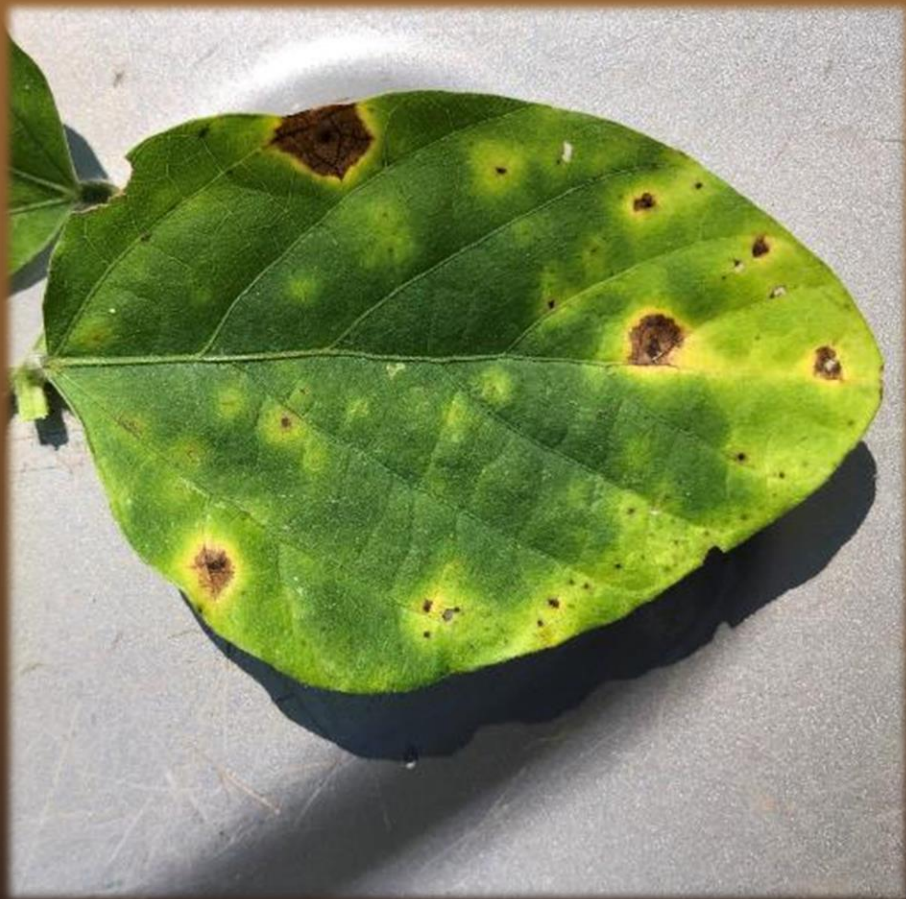
## Fungicide Trial

1. Non-treated
2. Stratego Yield (4.65 oz/A)
3. Stratego Yield + Stimulate  
(4.65 oz + 8 oz/A)
4. Topguard (9 oz/A)
5. Revylok (1.84 + 4.14 oz/A)
6. Non-Treated
7. Trivapro (13.7 oz/A)
8. Miravis Top (13.7 oz/a)
9. Miravis Top + Agrispon  
(13.7 oz + 8 oz/a)
10. Revytek (8 oz/A)
11. Non-treated

Rogers Leonard / Trey Price







# 2023 Fungicide Demonstration

## Somerset, Tensas Parish

Treatment	TS/CB <sup>1</sup> (0-9) <sup>2</sup> 8/8/2023	TS/CB (0-9) 8/18/2025	TS/CB (0-9) 8/25/2023	YLD (BU/A)
Non-treated	3.9	6.1	6.4	70.9
BASF Mix (Revylok)	1.0	3.0	4.0	71.7
Revytek	1.7	3.6	5.0	74.0
Miravis Top	2.3	3.8	4.6	74.7
Miravis Top + Agrispon	1.0	3.9	4.4	74.6
Trivapro	1.0	3.4	4.0	73.7
Stratego YLD	1.7	5.2	5.7	72.9
Stratego YLD + Stimulate	2.3	3.7	4.6	73.8
Topguard	1.3	3.0	4.8	73.7

<sup>1</sup> Target spot (TS), Cercospora leaf blight (CB).

<sup>2</sup> 0-9 rating: 0=no disease, 9=plants dead due to disease.

Treatments applied at R4.

Cooperators: Rogers Leonard / Trey Price.

**ON FARM  
ADVENTURES  
WITH  
TREY PRICE**

**SLIDES COMPLEMENTS  
OF TREY**





A RECOVERING ADMINISTRATOR  
AND A NEW TOY!

# Mowata, LA – Acadia Parish

- Frey Farms, Cooperator
- Jeremy Hebert, Agent
- Boyd Padgett, Co-PI
- QoI (Quadris, etc.) resistant location
- Rice/soybean rotation
- Aerial blight started at R5...then quit
- Treatments applied shortly thereafter



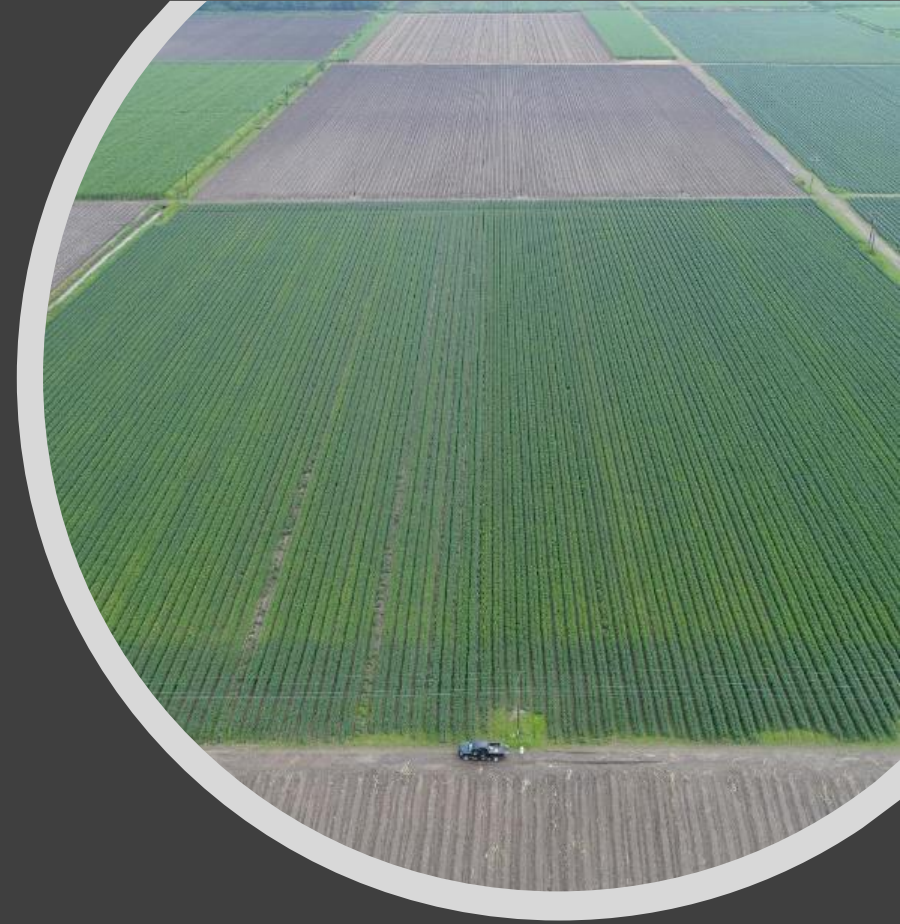
Iowa 1 & 2...FAIL



Stand issues & no disease

# Convent, LA – St. James Parish

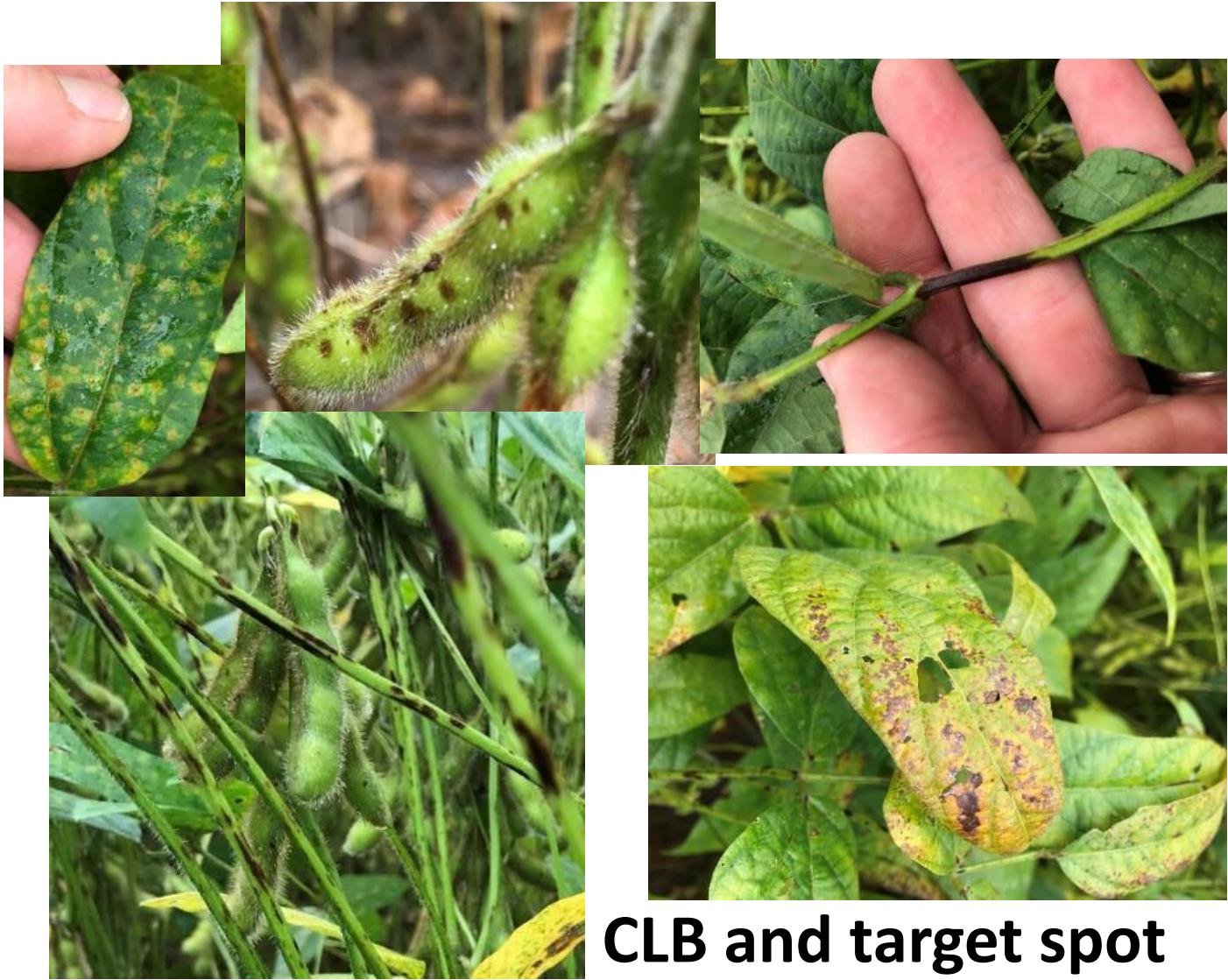
- Gravois Farms, Cooperator
- Matt Foster, Agent
- Boyd Padgett, Co-PI
- Ozane Gravois, Cooperator
- Summer fallow cane field in soybean
- R3/R5 application timings (12 GPA)
- Commercial products
- Moderate disease pressure
- Field was over sprayed



# Gravois Farms – Convent, LA

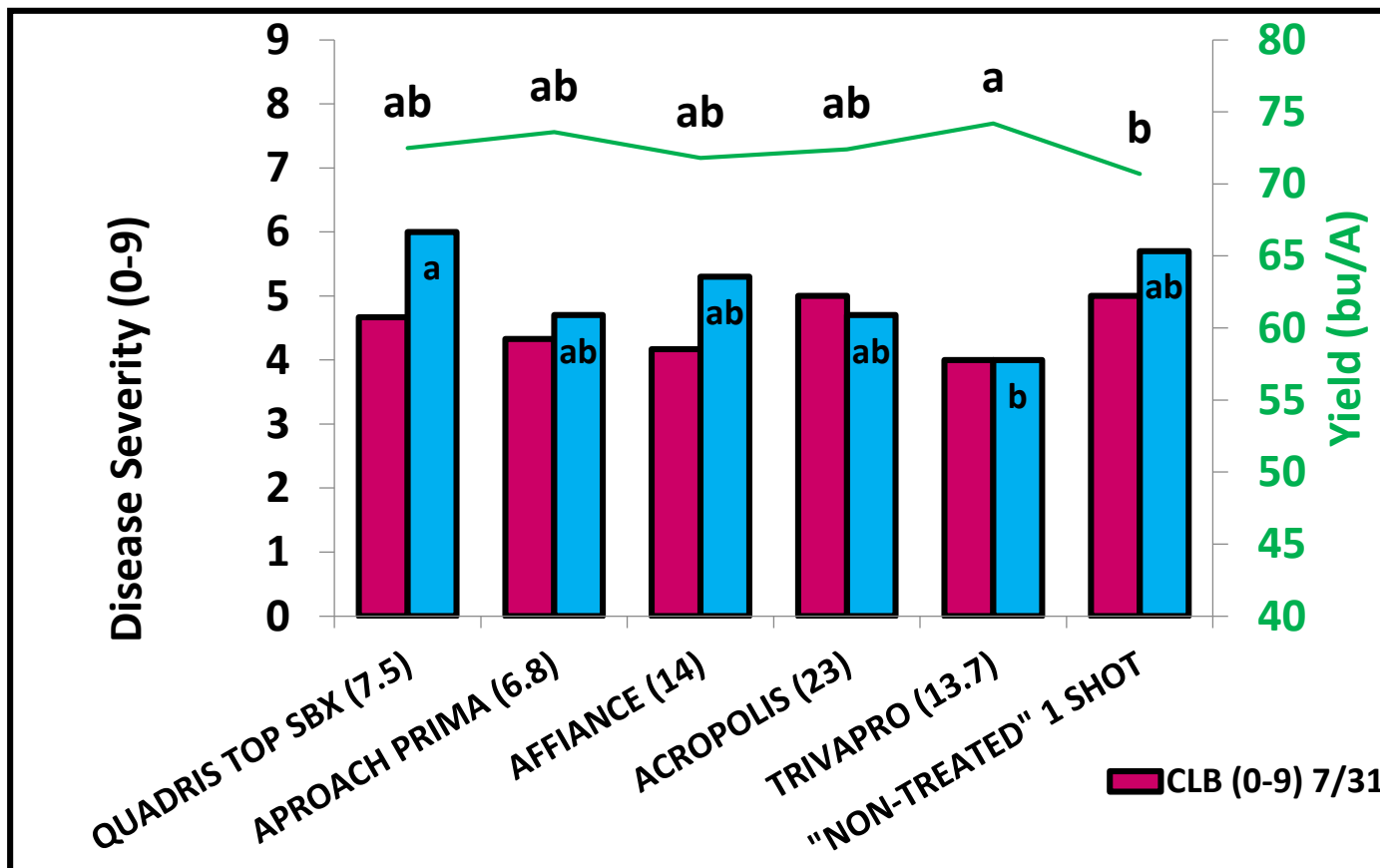






**CLB and target spot**

## Gravois – Fungicide efficacy on CLB and target spot – 2018



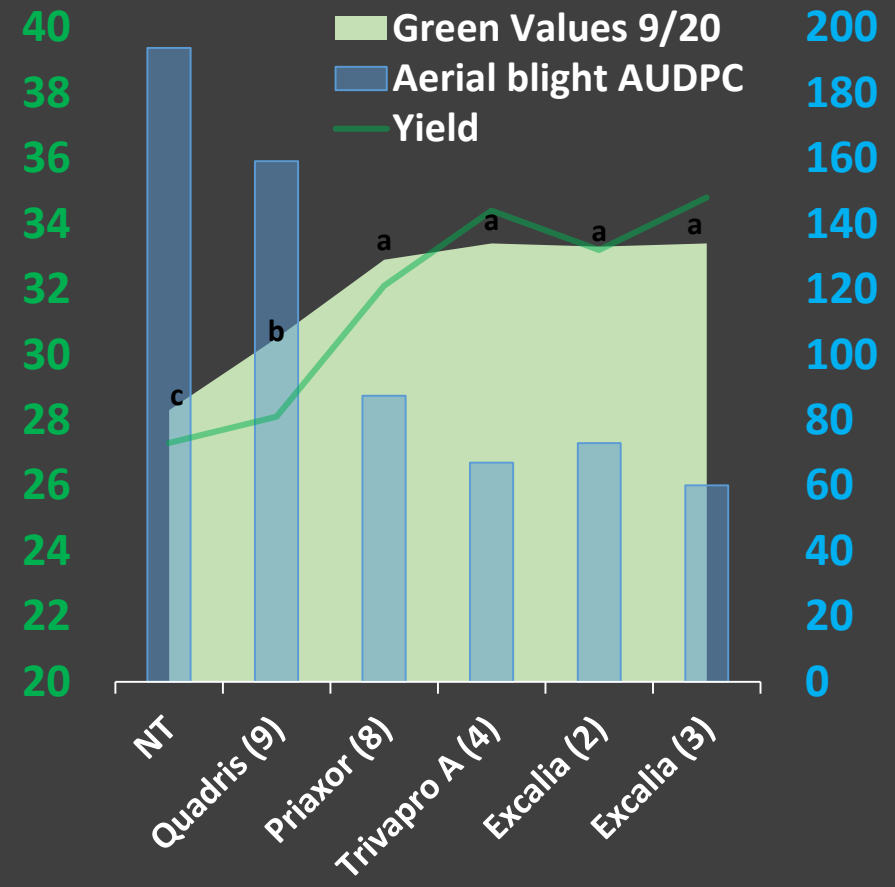
# Morse, LA – Acadia Parish – 2019

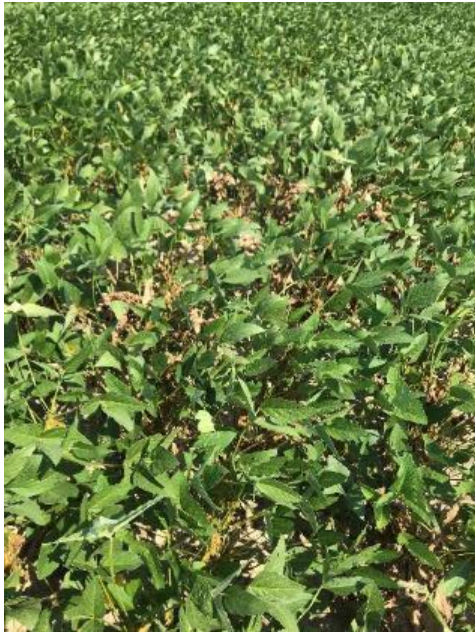
- Thibodaux Farms, Cooperator
- Jeremy Hebert, Agent
- Boyd Padgett, Co-PI
- Dustin Harrell & James Leonards, Heroes
- QoI (Quadris, etc.) resistant location
- Rice/soybean rotation
- Applicator missed field (delayed app.)
- Treatments applied at R5 (8/9/2019)
- SDHI materials
- Rated 8/9; 8/16; 9/6; & 9/20





# Remote Sensing





Non-Treated

Quadris

SDHI

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9/6/2019



SDHI vs. Non-Treated  
9/20/2019









**CLEAN EQUIPMENT BETWEEN  
FIELDS WITH SOIL DISEASES  
AND NEMATODES**

# *Cooperators*



**Parish Agents**

**Consultants**

**Producers**

**Fred Collins**

**Dustin Ezell**

**Darrell Franks**

**Jeremy Hebert**

**Laura Lee**

**James Leonards**

**Tashia Monaghan**

**Al Orgeron**

**David Moseley**

**Myra Purvis**

**Trey Price**

**Hunter Pruitt**

**Chris Roider**

**Brandi Woolam**

**University Faculty/Staff**

**Ag Industry**

# Thank YOU for Supporting Us!

Fred Collins  
Josh Copes  
Vinson Doyle  
Darrell Franks & Crew  
Steve Harrison  
Donnie Miller  
Tashia Monaghan  
David Moseley  
Randy Price  
Trey Price  
Myra Purvis  
Hunter Pruitt  
Warren Ratcliff & Crew  
Daniel Stephenson  
Scott Washam & Crew  
Brandi Woolam



Agents  
Consultants  
Industry  
Producers



THE LOUISIANA  
Soybean & Grain  
RESEARCH & PROMOTION BOARD

**See for Yourself**  
UNITED SOYBEAN BOARD



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**BELATED  
HAPPY  
NEW  
YEAR**

