



# DELTAPINE UPDATE

## UF PANHANDLE ROW CROPS SHORT COURSE

3-6-2025





## 2025 Deltapine® Brand Product Lineup

B2XF Varieties	B3XF Varieties	B3TXF Varieties	Nematode Varieties
DP 1646 B2XF	DP 1840 B3XF	DP 2131 B3TXF	DP 2141NR B3XF
	DP 2012 B3XF	DP 2211 B3TXF	DP 2349NR B3XF
	DP 2020 B3XF	DP 2317 B3TXF	DP 2522NR B3TXF
	DP 2038 B3XF	DP 2328 B3TXF	
	DP 2055 B3XF	DP 2414 B3TXF	
	DP 2115 B3XF	DP 2537 B3TXF	
	DP 2127 B3XF		
	DP 2239 B3XF		
	DP 2333 B3XF		



## 2025 Deltapine® Brand Product Categories

High Yield Environment Varieties	Mid Yield Environment Varieties	Tough Environment Varieties
DP 1646 B2XF	DP 1646 B2XF	DP 1646 B2XF
	DP 1840 B3XF	DP 1840 B3XF
DP 2012 B3XF	DP 2012 B3XF	
	DP 2020 B3XF	DP 2020 B3XF
DP 2038 B3XF	DP 2038 B3XF	DP 2038 B3XF
DP 2055 B3XF	DP 2055 B3XF	
DP 2115 B3XF	DP 2115 B3XF	
DP 2127 B3XF	DP 2127 B3XF	
DP 2131 B3TXF	DP 2131 B3TXF	DP2131 B3TXF
	DP 2141NR B3XF	DP 2141NR B3XF



## 2025 Deltapine® Brand Product Categories

High Yield Environment Varieties	Mid Yield Environment Varieties	Tough Yield Environment Varieties
DP 2211 B3TXF	DP 2211 B3TXF	
	DP 2239 B3XF	
DP 2317 B3TXF	DP 2317 B3TXF	DP 2317 B3TXF
DP 2328 B3TXF	DP 2328 B3TXF	
	DP 2349NR B3TXF	DP 2349NR B3XF
DP 2333 B3XF	DP 2333 B3XF	??
DP 2414 B3TXF	DP 2414 B3TXF	



# 2024 DPL Internal Market Development Trials

2024 Lower Southeast Cotton Trials																					
FSR	Cooperator	County	State	Planting Date	Irrigated	Dryland	DP 2211	DP 2414	DP 2317	DP 2522	DP 2127	DP 2328	DP 2333	DP 2537	DP 2038	ST 5091	ST 6000	NG 4414	NG5430	Trial Average	
Scott Grant	Scott Blakenship	Henry	AL	4/26/2024	Irrigated		1229	1123		1122	1228	1351		1146	1265					1209	
Jason Pittmar	Jordan Harrison	Decatur	GA	6/5/2024	Irrigated	944	1094	990	877	1262	1236	1335	1234	1298						1150	Below Trial Average les than 100 lbs
Jason Pittmar	Preston Jimmerson	Colquitt	GA	4/30/2024	Irrigated	1060	1021	998		1089	1088	1089		1001	1004					1044	
Jason Pittmar	3G Farms	Thomas	GA	5/6/2024	Dryland	1125	935	959		958	957	984		930			998	1067		990	Below Trial Average more than 100 lbs
Scott Grant	Clint Mims	Seminole	GA	5/1/2024	Irrigated		1269	1271		1224	1229	1241		1069	1104					1201	
Jason Pittmar	Jeremy Faircloth	Decatur	GA	5/22/2024	Irrigated	865	994	1105		872	1019	1185		1019		1111				1021	
Jason Pittmar	Josh West	Mitchell	GA	6/5/2024	Dryland	1136	1069	920		853	1044	866	898	957						960	
Jason Pittmar	Vic Fleet	Miller	GA	5/22/2024	Irrigated	1106	1014	1019		1118	1119	1173		1018		1103	871	1041		1058	
Will Duffie	Charles Smith	Jefferson	GA	5/23/2024	Irrigated	1163	1134	1059	1141	1277	1207	1344	1029	1268						1180	
Will Duffie	Brannen Farms	Bulloch	GA	5/23/2024	Irrigated	1014	1194	1005	1147	1103	1123	1325	1417	1340						1185	
Will Duffie	Evan Mobley	Burke	GA	5/28/2024	Irrigated	1354	1263	1363	1213	1479	1328	1537	1544	1586	1455					1412	
Averages							1135	1088		1141	1154	1242		1168							
						DP 2211	DP 2414	DP 2317		DP 2127	DP 2328	DP 2333		DP 2038							

# ThryvOn Technology

- ✓ Lygus/Thrips Trait - Thryvon
  - ✓ Deregulated in 2023

# ThryvON™

TECHNOLOGY



DPL 1646  
With Fungicide

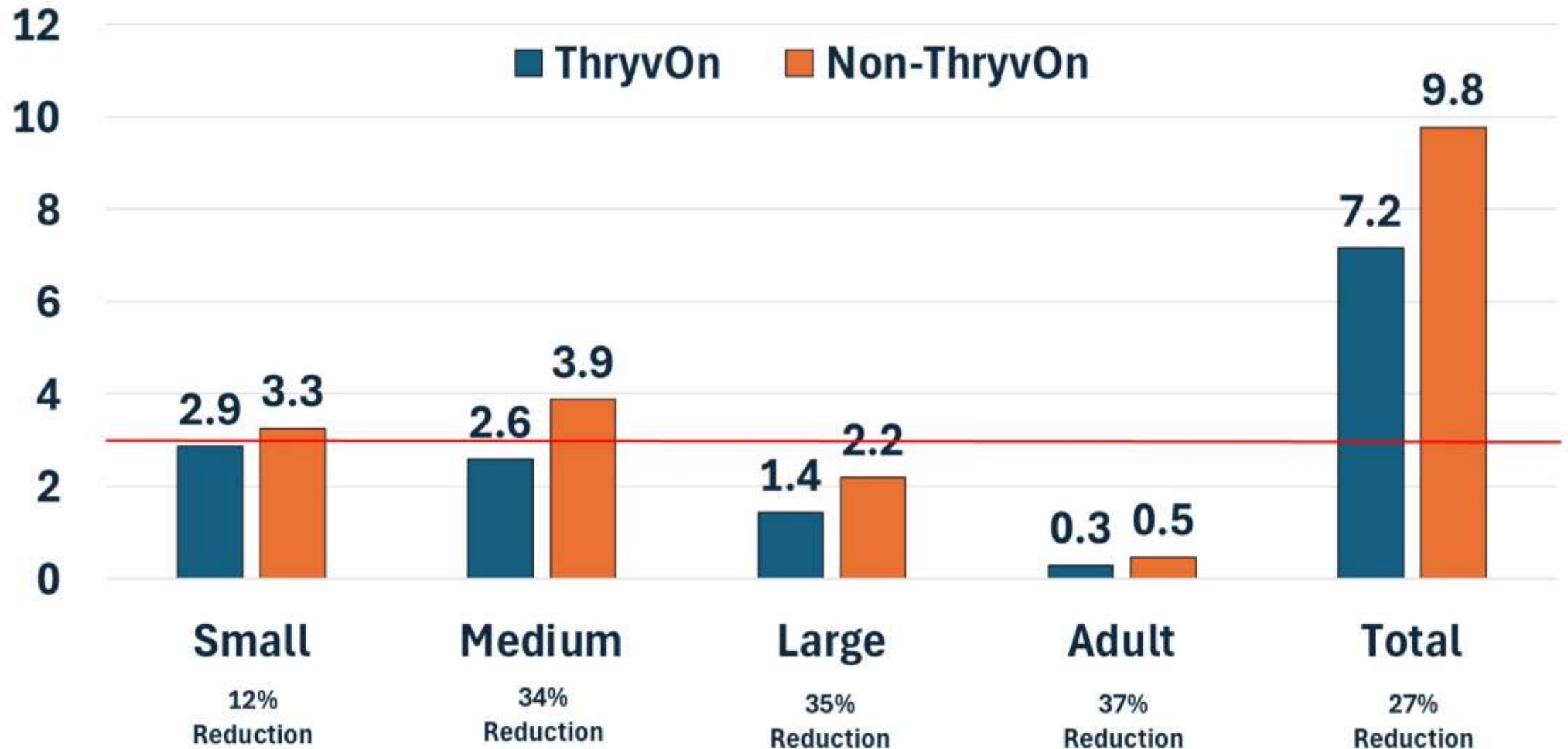
DPL 2131  
With Fungicide



**ThryvON™**  
TECHNOLOGY

Slide from Scott Graham  
Headland, AL April 2024

# Avg Plant Bugs per 5 Row Ft (Non-Treated Plots)













## What's New for 2025

- 5 Varieties Tested in Lower Southeast for 2024 in the NPE Program – Looking for 2025 Varieties
- 25 NPE growers in Alabama, Georgia, and Florida
- Looking for Yield, Quality, Agronomic Traits, Transgenic Traits, Native Traits
  - Yield – Improvement over commercial products – Consistency across yield environments
  - Quality – Improvement over commercial products – Length, Strength, MIC, Uniformity
  - Agronomic Traits – Emergence, Vigor, Standability, Turnout, Storm Tolerance,
  - Transgenic Traits – ThryvOn
  - Native Traits – Nematode Resistance, Disease Resistance (BB, VW, FW, TS, AM)
- Advanced 2 new DP varieties for the southeast for 2025
  - DP 2522NR B3TXF – 23R9822B3TXF
  - DP 2537 B3TXF – 23R9143B3TXF

DP **2522**

**NR B3TXF**

(23R9822B3TXF)

**CLASS OF 2025**

**NPE**

**DELTAPINE®**

## **BOLLGARD® 3 THRYVON® COTTON WITH XTENDFLEX® TECHNOLOGY**

- **Early-Mid maturity**
- **Resistance to reniform nematodes and bacterial blight**
- **Stable performance in Coastal Bend of South Texas, Lower Mid-South and Southeast**

# DP 2522NR B3TXF

Tested as 23R9822B3TXF

- Regional Fit – STX, LMS, SE
- Maturity – Early Mid
- Plant Height – Med to Med-Tall
- Leaf Pubescence – Semi Smooth
- Bacterial Blight – Res
- Reniform - Res.
- Verticillium – Susc
- Seed Size Avg (seed / lb.) ~ 6500
- Lint Percent = 42.3%
- Fiber Length = 1.14 in
- Micronaire = 4.35
- Fiber Strength = 29.3 (g/tex)
- Length Uniformity = 82.2%
- NFFB = 5.65
- # Fruiting Nodes – 20.15





DEDICATED TO COTTON.  
COMMITTED TO YOU.®



# DP 2522NR B3TXF vs DP 2141 B3XF

Tested as 23R9822B3TXF

TRAIT	YEARS	freq	DP 2522NR B3TXF	DP 2141NR B3XF	Difference	P_Val	Sig	Perc_Wins	reportName
Lint Yield (lb/a)	3	14	1522.29	1491.91	30.38	0.158994913		57.14	2024_NPE_LSE
Crop Value (\$/a)	3	14	\$ 826.49	\$ 825.35	\$ 1.14	0.507137281		50	2024_NPE_LSE
Loan Price (\$/lb)	3	14	\$ 0.54	\$ 0.55	\$ (0.01)	0.000816189	**	78.57	2024_NPE_LSE
Lint Percent (%)	3	15	41.75	40.11	1.64	6.89E-08	**	13.33	2024_NPE_LSE
Fiber Length (in)	3	14	1.11	1.16	-0.05	4.11E-14	**	0	2024_NPE_LSE
Micronaire	3	14	4.2	4.82	-0.62	3.50288E-14	**	92.86	2024_NPE_LSE
Strength (g/tex)	3	14	27.69	31.19	-3.5	4.93E-23	**	0	2024_NPE_LSE
Length Unif. (%)	3	14	82.05	82.36	-0.31	0.002791902	**	28.57	2024_NPE_LSE

*Trials compare germplasm performance; input and trial management decisions determined by grower establishing the applicable trial. ©2024 Bayer Group. All rights reserved.*

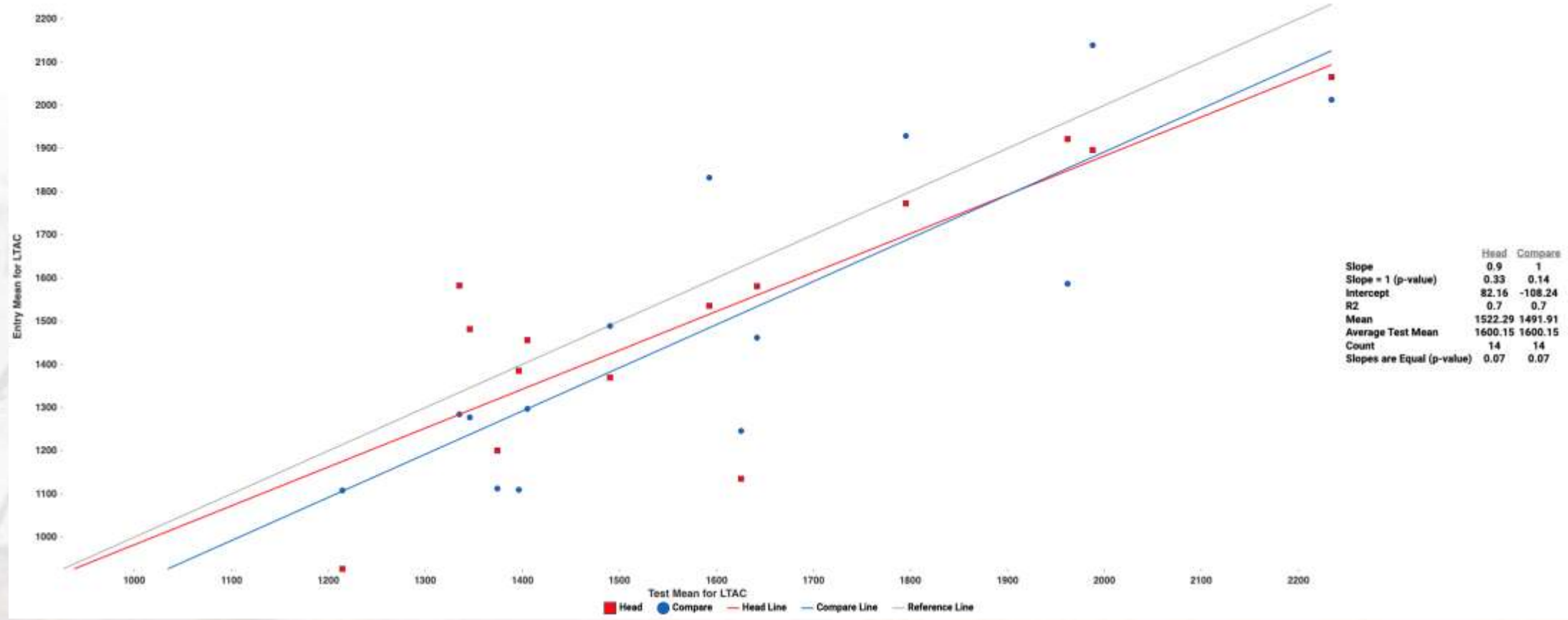


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# DP 2522NR B3TXF vs DP 2141 B3XF

Tested as 23R9822B3TXF

LTAC Stability (23R9822B3TXF - DP 2141NR B3XF)



Trials compare germplasm performance; input and trial management decisions determined by grower establishing the applicable trial. ©2024 Bayer Group. All rights reserved.



DP **2537**

**B3TXF**

(23R9143B3TXF)

**CLASS OF 2025**

**NPE**

**DELTAPINE®**

## **BOLLGARD® 3 THRYVON® COTTON WITH XTENDFLEX® TECHNOLOGY**

- **Excellent strength of terminal**
- **Open canopy**
- **Latest maturity in B3TXF package**
- **Outstanding yield potential in Mid-South  
and Upper Southeast**

# DP 2537 B3TXF

Tested as 23R9143B3TXF

- Regional Fit – LMS and USE
- Maturity – Mid Full
- Plant Height – Med-Tall
- Leaf Pubescence – Smooth
- Bacterial Blight – Susc.
- Verticillium – Mod Tol.
- Seed Size Avg (seed / lb.) ~ 5300-6300
- Lint Percent = 42.7%
- Fiber Length = 1.16 inches
- Micronaire = 4.55
- Fiber Strength = 31.1 g/tex
- Length Uniformity = 83.1%
- NFFB = 5.38
- # Fruiting Nodes – 19.92



# DP 2537 B3TXF vs CHECK USE

Tested as 23R9143B3TXF

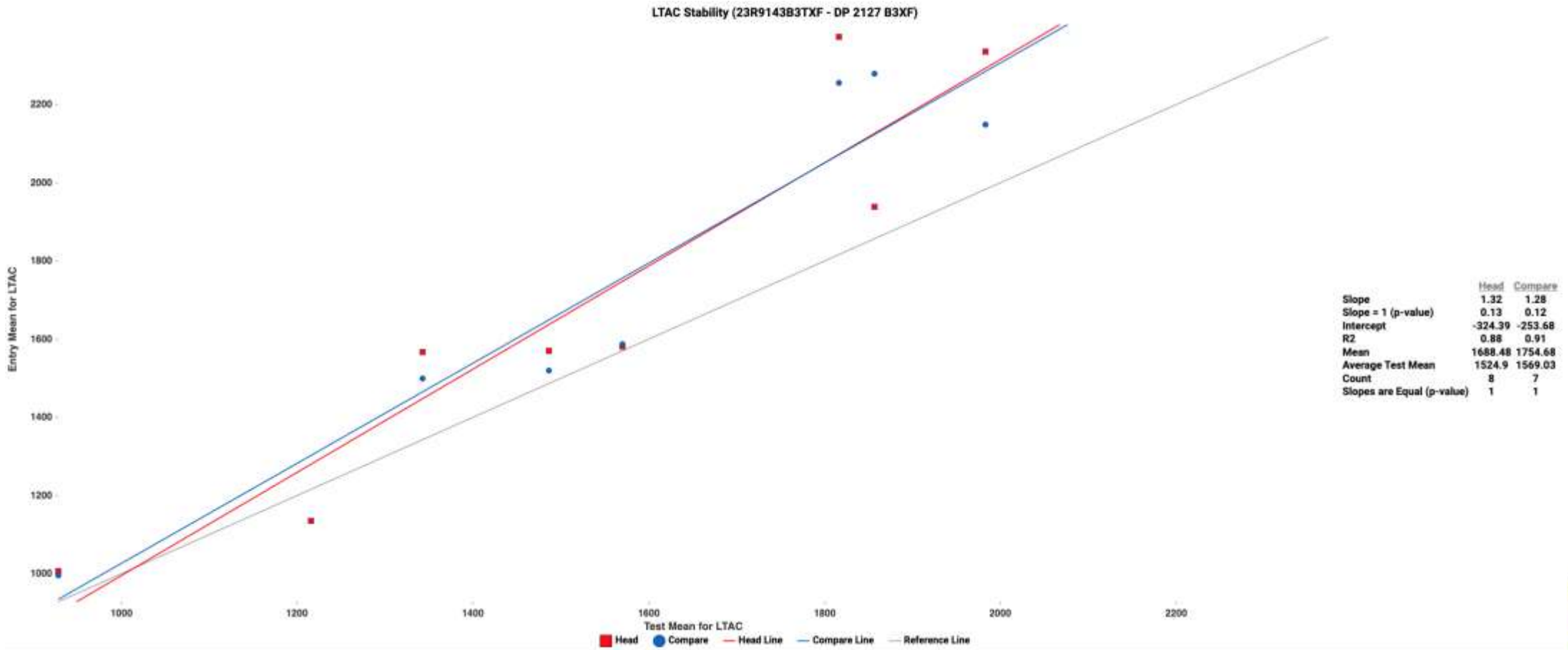
TRAIT	YEARS	freq	DP 2537 B3TXF	DP 2127 B3XF	Difference	P_Val	Sig	Perc_Wins	reportName
Lint Yield (lb/a)	3	8	1688.48	1676.2	12.28	1.35397E-05	**	75	2024_NPE_USE
Crop Value (\$/a)	2	4	\$ 906.39	\$ 887.06	\$ 19.33	0.077787209	+	75	2024_NPE_USE
Loan Price (\$/lb)	2	4	\$ 0.55	\$ 0.55	\$ (0.00)	0.661523636		50	2024_NPE_USE
Lint Percent (%)	3	10	43.77	43.73	0.04	1.00E-19	**	30	2024_NPE_USE
Fiber Length (in)	2	5	1.18	1.16	0.02	0.003061108	**	60	2024_NPE_USE
Micronaire	2	5	4.9	4.81	0.09	0.845236859		40	2024_NPE_USE
Strength (g/tex)	2	5	30.64	30.39	0.25	0.005313585	**	60	2024_NPE_USE
Length Unif. (%)	2	5	83.77	84.33	-0.56	0.203097675		20	2024_NPE_USE

TRAIT	YEARS	freq	DP 2537 B3TXF	DP 2115 B3XF	Difference	P_Val	Sig	Perc_Wins	reportName
Lint Yield (lb/a)	3	7	1781.05	1730.66	50.39	0.000916437	**	71.43	2024_NPE_USE
Crop Value (\$/a)	2	3	\$ 1,019.00	\$ 955.55	\$ 63.45	0.003157275	**	100	2024_NPE_USE
Loan Price (\$/lb)	2	3	\$ 0.56	\$ 0.56	\$ (0.01)	0.02060438	*	100	2024_NPE_USE
Lint Percent (%)	3	8	42.84	42.83	0.01	2.88E-10	**	37.5	2024_NPE_USE
Fiber Length (in)	2	3	1.18	1.2	-0.02	0.089605011	+	0	2024_NPE_USE
Micronaire	2	3	4.58	4.53	0.05	0.083197292	+	33.33	2024_NPE_USE
Strength (g/tex)	2	3	32.72	31.67	1.05	0.00234692	**	66.67	2024_NPE_USE
Length Unif. (%)	2	3	83.54	83.84	-0.3	0.863148655		33.33	2024_NPE_USE



# DP 2537 B3TXF vs DP 2127 B3XF USE

Tested as 23R9143B3TXF





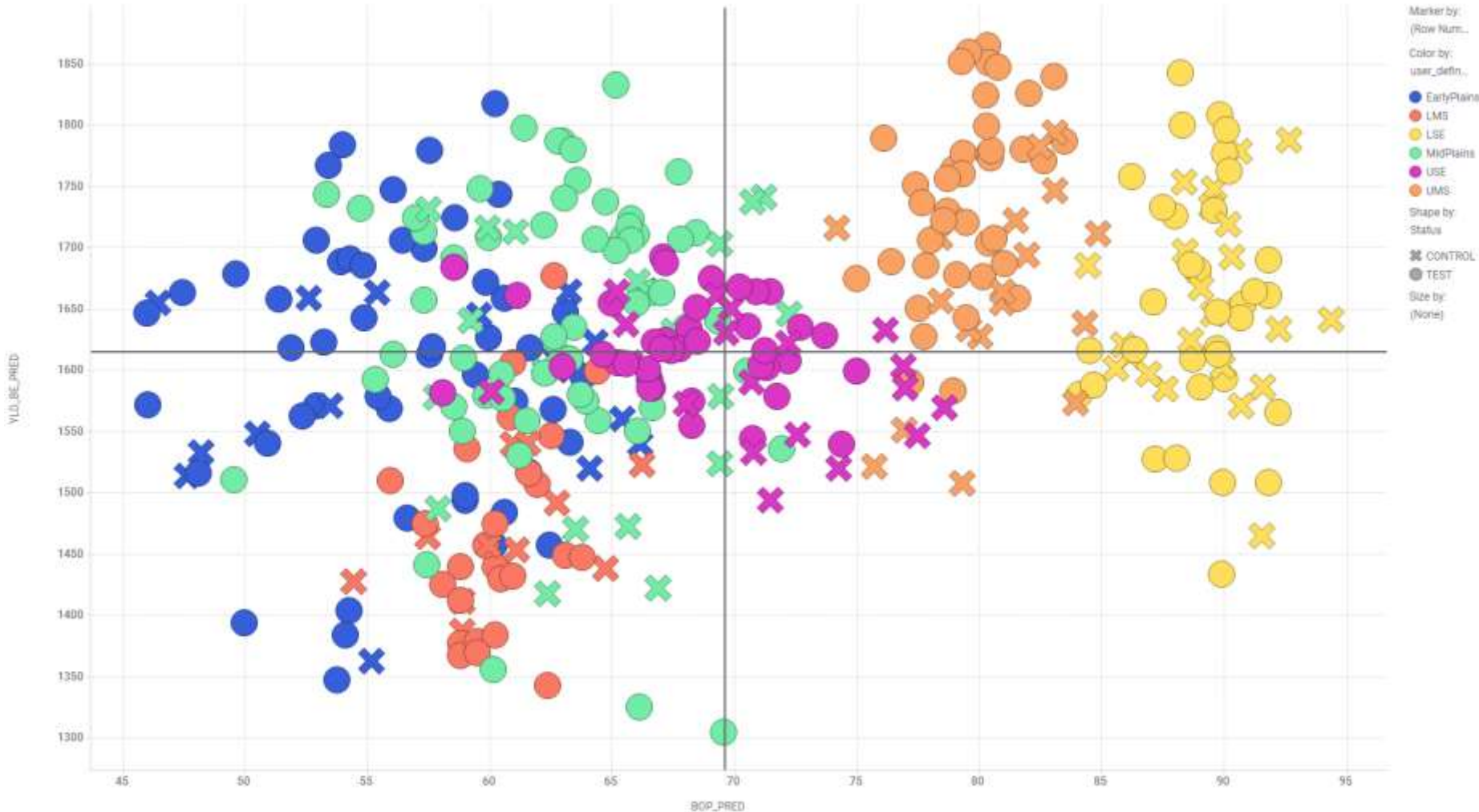
## 2024 Internal NPE Trials

FSR	Cooperator	County	State	Planting Date	Irrigated/Dryland	DP 2522	DP 2537	DP 2333	DP 2328
Scott Grant	Preston Shipes	Henry	AL	5/2/2024	Irrigated	1117	1140		
Scott Grant	Jason McCallister	Houston	AL	5/2/2024	Irrigated	1284	1327		
Scott Grant	Segrrest Brothers	Macon	AL	4/26/2024	Irrigated	1131	1186		
Jason Pittman	Bart Davis	Colquitt	GA	5/7/2024	Irrigated	1200	1100	1228	
Jason Pittman	Sunbelt Expo	Colquitt	GA	5/30/2024	Irrigated	860	997		
Jason Pittman	Michael Chafin	Colquitt	GA	4/28/2024	Dryland	960	988		981
Scott Grant	Mike Jordan	Houston	AL	5/22/2024	Irrigated	1025	1269		
Rod Higdon	Drew Wendland	Montgomery	AL	5/20/2024	Dryland	928	983		
Rod Higdon	James Marshall	Okaloosa	FL	5/9/2024	Irrigated	1852	1684	1601	
Rod Higdon	Ritchie Byrd	Monroe	AL	5/21/2024	Dryland	798	772		
Rod Higdon	Jimmy Brooks	Monroe	AL	5/16/2024	Dryland	857	897		
Rod Higdon	Jason Pate	Connecuh	AL	5/12/2024	Dryland	1626	1518		
Jason Pittman	Jeremy Faircloth	Decatur	GA	5/22/2024	Irrigated	827	954		
						1113	1140		

# Future Look

## Potential Class of '26

YLD\_BE\_PRED vs. BOP\_PRED





**COTTON SEED**



Questions?