



PhytoGen Update 2/15/17

Brooks Blanche
Cotton Development Specialist

2017 Variety Lineup



- **Early-Mid Varieties**

- *PHY 312 WRF*
- *PHY 333 WRF*
- *PHY 339 WRF*

- **Mid-Full Varieties**

- *PHY 444 WRF*
- *PHY 487 WRF*
- *PHY 499 WRF*



- **Early-Mid Varieties**

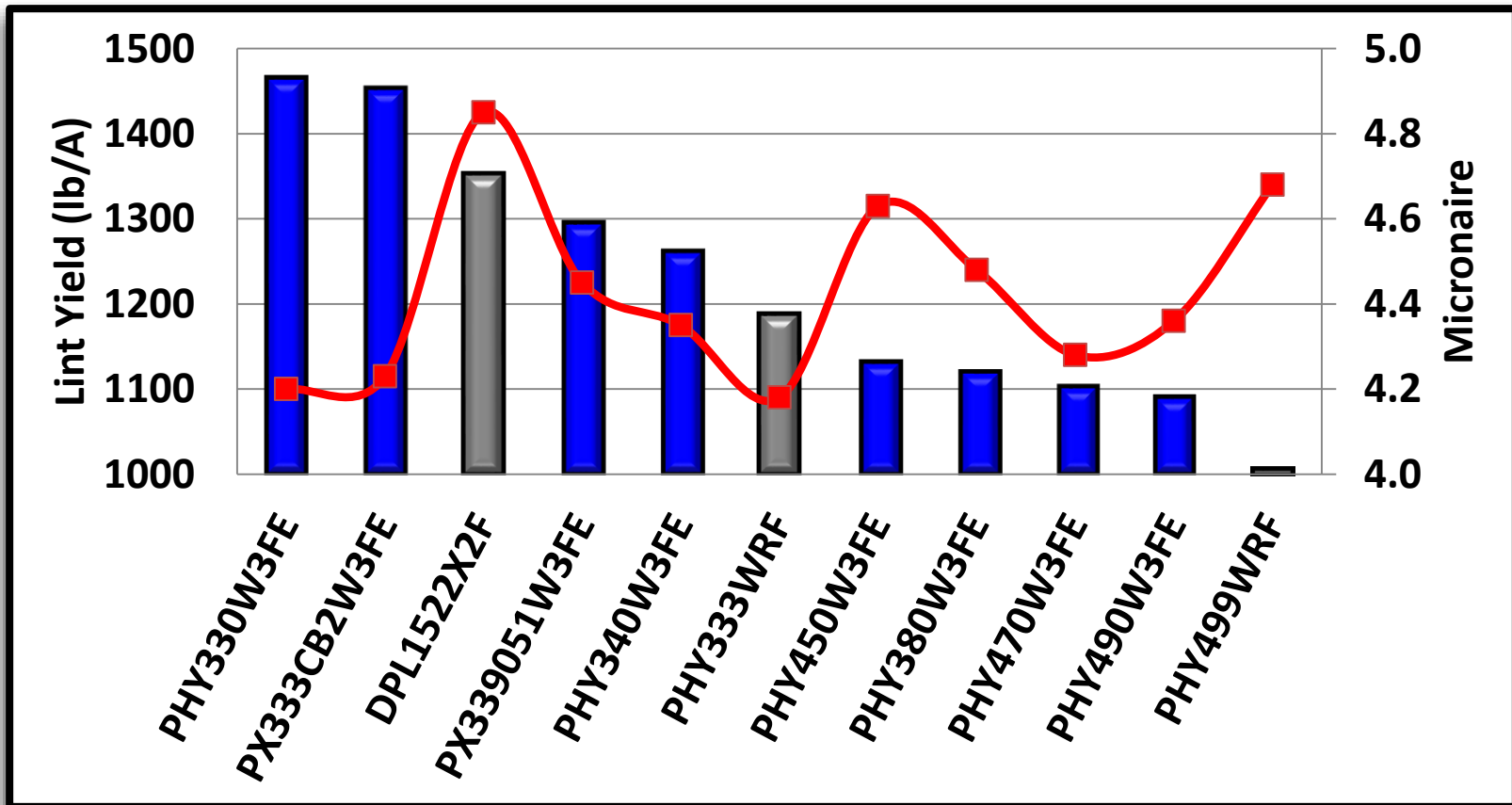
- *PHY 300 W3FE*
- *PHY 330 W3FE*
- *PHY 340 W3FE*
- *PHY 380 W3FE*

- **Mid-Full Varieties**

- *PHY 450 W3FE*
- *PHY 470 W3FE*
- *PHY 490 W3FE*

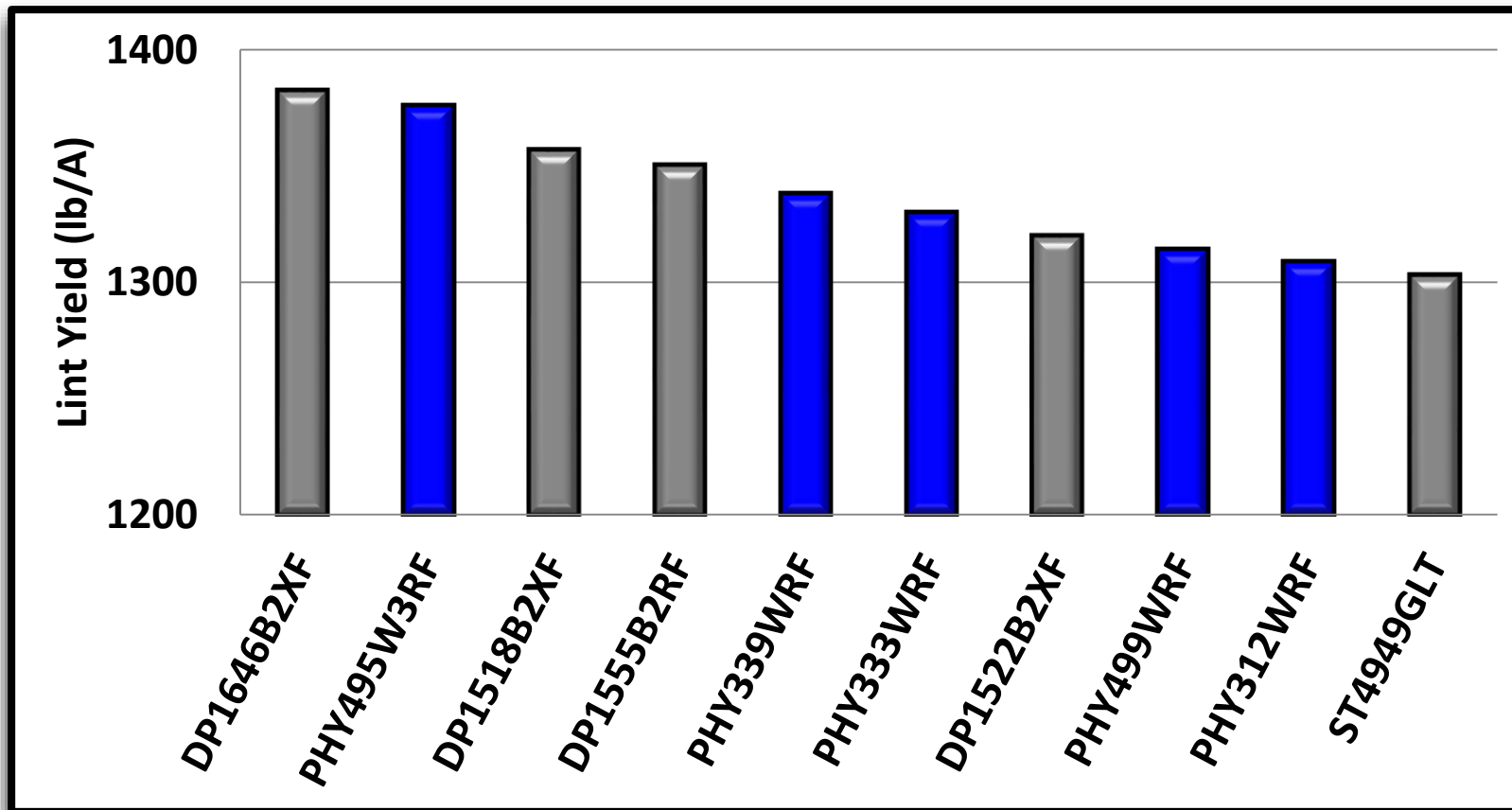
2016 CDS Strains Trial

(St. Joe, LA, Irrigated, Commerce Silt Loam)



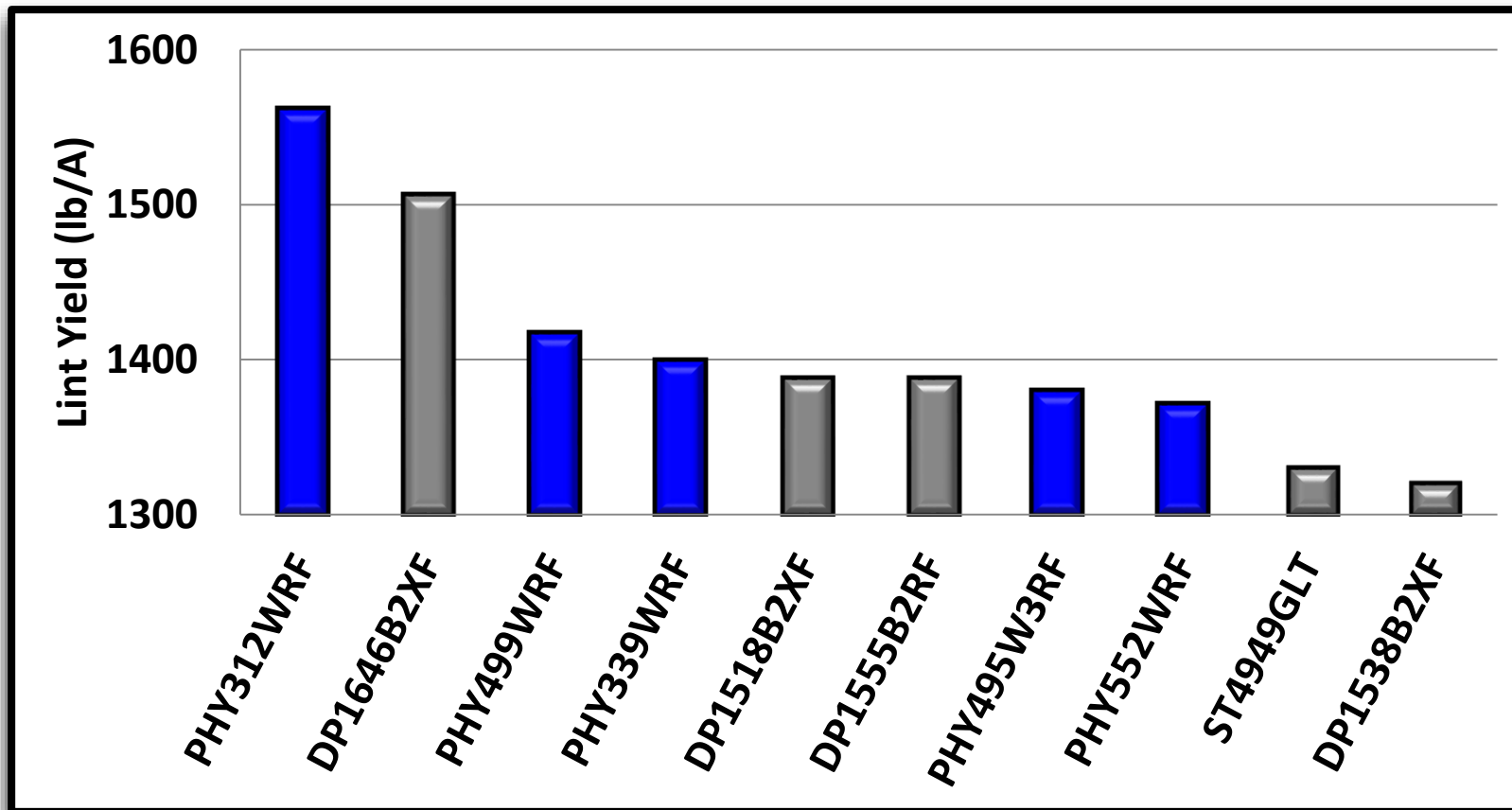
Top #10: 2-Year LSU AgCenter OVTs

(2015 + 2016, All Locations)



Top #10: 2-Year LSU AgCenter OVTs

(2015 + 2016, St. Joe, Irrigated Sharkey clay)



2016 LSU AgCenter Core Block

Parish: Catahoula			Previous crop: cotton			Irrigation? No		
Community: Foules			Soil type: Sharkey clay			Pivot or furrow? No		
Cooperator: Matt Myers			Tillage Type:			GPS coord: 31.81657N, 091.59186W		
Agent: Lucas Stamper			N rate (lbs/acre): 120			Plot size: 6 rows by 1,516 feet		
Planting date: 5/6/16			Seeding rate:			Misc: 2 replications		
Harvest date: 9/30/16			Row spacing: 38					
Variety	Lint Yield (lbs/acre)	Lint %	Length (inches)	Uniformity (%)	Strength (g/tex)	Micronaire	Loan Value (¢/lb)	Dollar Return (acre)
DPL 1522 X2F	1387	43.03	1.16	84.65	29.35	5.25	52.20	724.01
PHY 444 WRF	1384	44.06	1.28	87.95	30.65	4.40	55.00	761.20
PHY 312 WRF	1381	43.22	1.17	85.90	29.55	4.85	54.60	754.03
DPL 1646 X2F	1362	43.83	1.25	85.80	28.80	4.80	54.65	744.33
PHY 333 WRF	1299	44.17	1.18	86.40	29.60	4.75	54.80	711.85
STV 4848 GLT	1276	44.01	1.15	85.55	29.25	5.15	52.30	667.35
PHY 496 W3RF	1271	44.71	1.13	84.15	31.55	5.05	52.45	666.64
STV 6182 GLT	1155	45.12	1.19	85.05	28.75	4.90	54.65	631.21

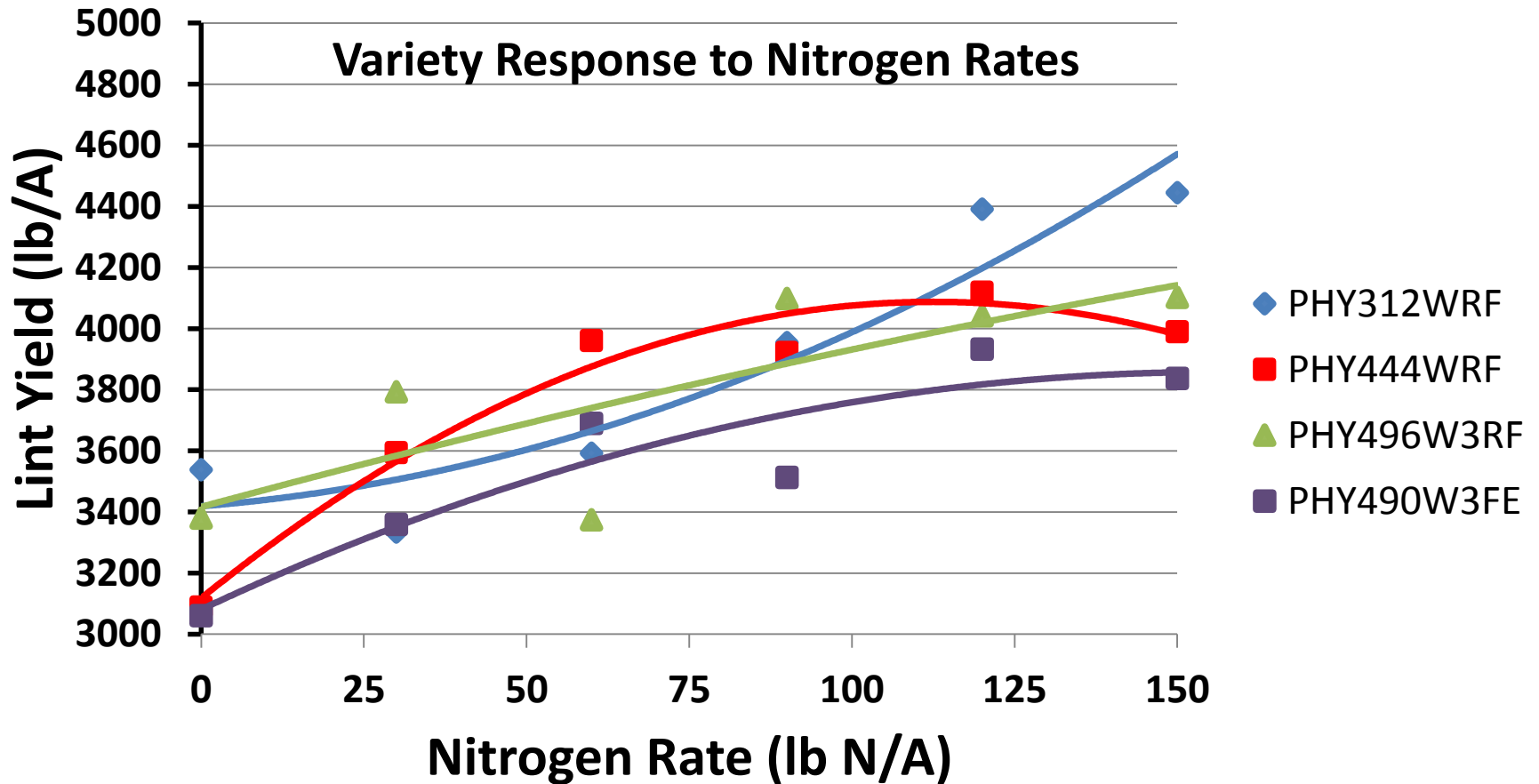
•2016 Trial Data provided by Dr. Dan Fromme et al., Louisiana State University Agricultural Center

2015 LSU AgCenter Core Block

Location:	Catahoula	Seeding Rate:	46000	Planting Date:	5/14/2015			
Grower:	Matt Myers	Row Width:	38	Harvest Date:	10/2/2015			
County Agent:	Lucas Stamper	Soil Type:	Sharkey clay	Irrigation:	No			
	Crop Value	Yield	Lint	Length	Uniformity	Strength	Micronaire	Loan Value
Variety	(\$/A)	(lb/A)	(%)	(inches)	(%)	(g/tex)		(\$/lb)
PHY 444WRF	561	1027	45.46	1.18	83.2	32.2	4.4	54.65
ST 4946GLB2	560	1081	42.84	1.11	82.8	31.9	5.1	51.80
PHY 495W3RF	523	1023	45.99	1.08	83.1	35.1	5.1	51.10
PHY 312WRF	506	973	44.81	1.15	84.1	31.7	5.1	52.05
PHY 333WRF	501	970	46.55	1.15	84.9	29.8	5.1	51.70
ST 5289GLT	499	925	42.88	1.12	81.3	28.7	4.9	53.95
DP 1522B2XF	468	927	44.01	1.13	83	32.8	5.3	50.50
DP 1553B2XF	459	838	44.96	1.19	84.8	32.5	4.9	54.75
ST 6182GLT	425	827	47.68	1.13	82.7	27.6	5.1	51.40

•2015 Trial Data provided by Dr. Dan Fromme et al., Louisiana State University Agricultural Center

Nitrogen Research (MSU, Dodds & Blanche 2016)





Thank You



Dow AgroSciences

