

2021 PHYTOGEN VARIETY UPDATE

JASON WOODWARD

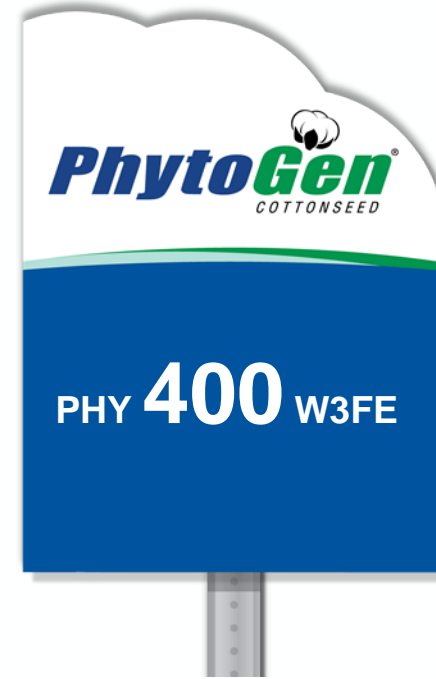
806-632-0762


PhytoGen

**YIELDING
INNOVATION**

PHYTOGEN® COTTONSEED AND THE FUTURE OF COTTON

Key PhytoGen Varieties for 2021



**YIELDING
INNOVATION**
PHYTOGEN[®] COTTONSEED AND THE FUTURE OF COTTON



PHY **360** W3FE





PHY 360 W3FE

- Early-Mid Maturity, Indeterminate
 - Maturity and placement like PHY 330 W3FE
- Very vigorous and showy variety
 - Medium-Tall Plant Height
 - PhytoGen Breeding Traits™: BB & RKN



**YIELDING
INNOVATION**
PHYTOGEN® COTTONSEED AND THE FUTURE OF COTTON

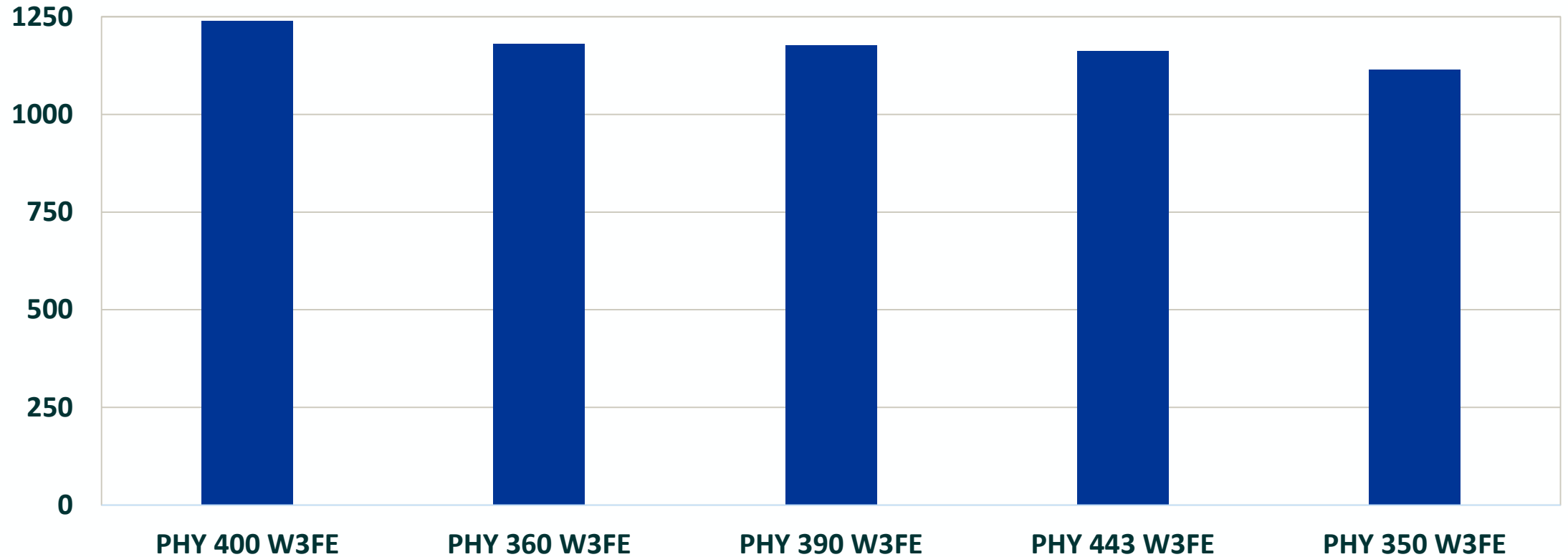
	Lower Yielding Environments	Higher Yielding Environments
--	------------------------------------	-------------------------------------

Irrigation	Rain-fed			Irrigated
Soil type	Sand	Sandy Loam	Loamy Sand	Loamy Clay
350 <small>PHY W3TC</small>				
390 <small>PHY W3TC</small>				
400 <small>PHY W3TC</small>				
443 <small>PHY W3TC</small>				

*Soil type does not always correlate to an exact yield environment. Placement will also be influenced by other factors, such as fertility.

Regional Trial Results, 2020

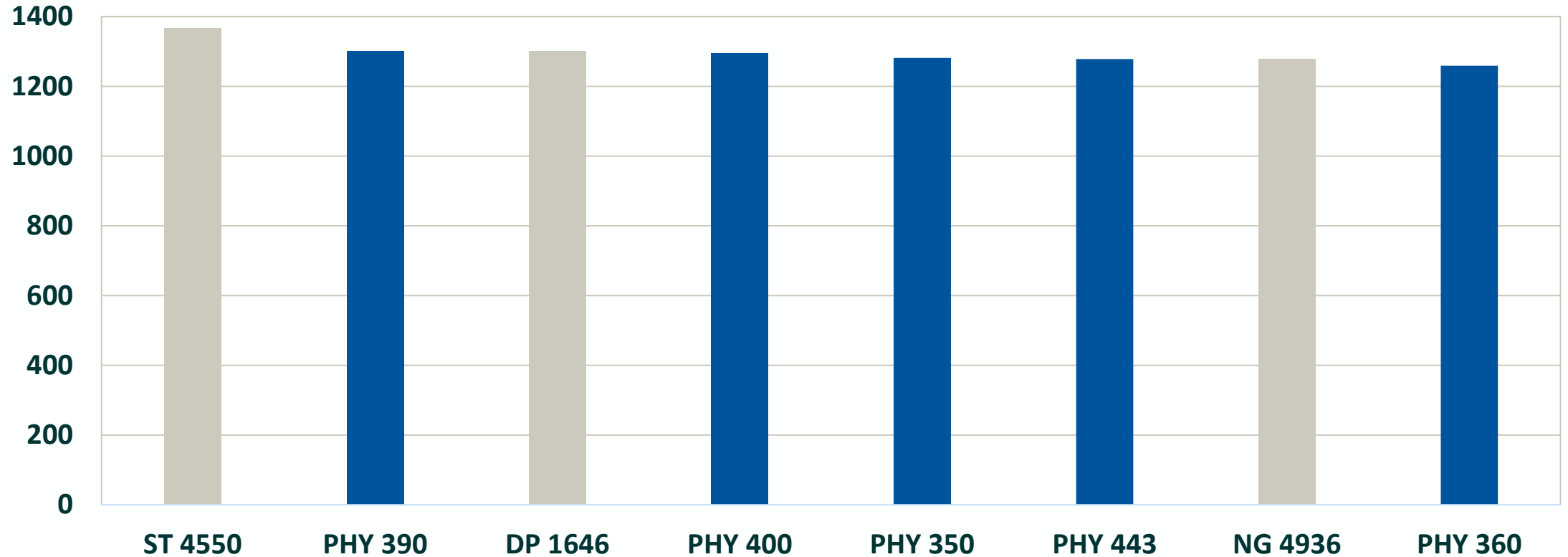
Locations = 7, Innovation Plots



**YIELDING
INNOVATION**
PHYTOGEN® COTTONSEED AND THE FUTURE OF COTTON

Southeast Trial Results, 19-20

Locations = 32, Seed Matrix



**YIELDING
INNOVATION**
PHYTOGEN® COTTONSEED AND THE FUTURE OF COTTON

Robust lineup of varieties the whole farm

- PHY 400 W3FE is best suited for the high-end acre
 - Limited PGR use compared to DP 1646 B2XF
 - Responds well to fertility and irrigation
- PHY 350 W3FE is a broadly adapted variety
 - Travels well across multiple soil types
 - Performs better on-farm than in trials (similar to PHY 375 WRF)
- **PHY 443 W3FE** believed to be a broad acre product
 - Go to variety for fields infested with reniform nematodes
 - Good performance even on non-nematode acres
- **PHY 390 W3FE** determinate mid-maturity
 - Sister line to PHY 400 W3FE
 - Four to six inches taller, same yield potential

THANK YOU