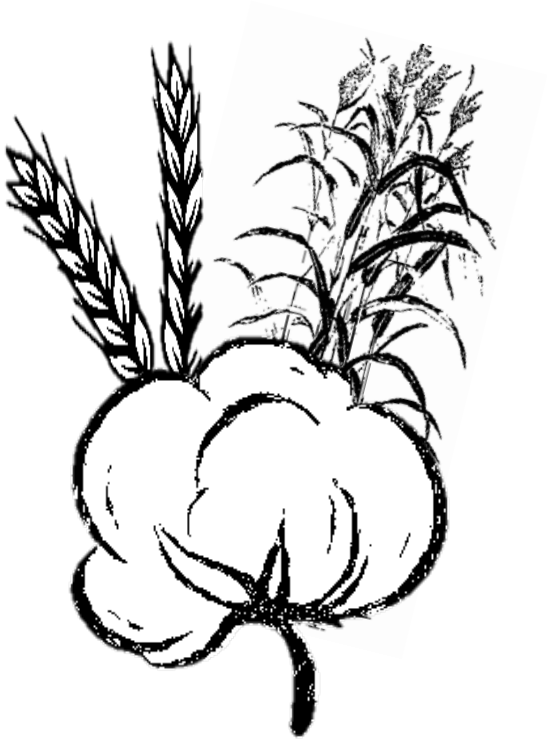
2018 Result Demonstration Review



Glasscock, Upton, and Reagan Counties

2018 Cotton Variety Trial

Producer:	**Russell Halfmann**	Plant Date:	5/30/2018
Name of County:	Glasscock	Harvest Date:	11/26/2018
Design:	2x1	Herbicide:	
		Fertility:	

Variety	Yield Per Acre		% Turnout		Loan Value	Lint Gross Return	Seed Gross Return	Color	Leaf	Staple	Mic	Strength	Unif.	Gross Return ($/acre)[1]
	Lint	Seed	Lint	Seed										
PHY 350 W3FE	1552	1936	37.96%	47.35%	$0.5295	$821.94	$203.32	41	3	35	4.74	28.7	81.4	$1,025.26
PHY 444 WRF	1495	1883	35.91%	45.21%	$0.5475	$818.75	$197.73	41	2	37	3.88	30.0	81.4	$1,016.47
FM 2498 GLT	1506	1974	34.45%	45.16%	$0.5075	$764.07	$207.24	41	3	35	5.07	29.9	81.2	$971.32
NG 5711 B3XF	1405	1759	35.67%	44.66%	$0.5230	$734.64	$184.66	41	2	35	4.43	29.3	79.7	$919.30
FM 2334 GLT	1312	1727	34.27%	45.10%	$0.5440	$714.00	$181.34	41	3	36	4.52	30.4	81.4	$895.34
PHY 330 W3FE	1332	1848	32.49%	45.09%	$0.5240	$698.03	$194.09	41	3	34	4.66	29.1	80.9	$892.12
PHY 490 W3FE	1200	1674	32.62%	45.53%	$0.5240	$628.77	$175.82	41	2	34	4.60	29.8	81.9	$804.60
NG 4689 B2XF	1249	1738	34.37%	47.81%	$0.4935	$616.47	$182.48	41	3	33	4.87	28.7	79.8	$798.96
DP 1549 B2XF	1147	1531	26.92%	35.92%	$0.4945	$567.40	$160.74	41	3	33	4.27	29.3	78.8	$728.14
Average	1355	1786	33.85%	44.65%	$0.5208	$707.12	$187.49	-	-	35	4.56	29.5	80.7	$894.61
Max.	1552	1974	37.96%	47.81%	$0.5475	$821.94	$207.24	-	-	37	5.07	30.4	81.9	$1,025.26
Min.	1147	1531	26.92%	35.92%	$0.4935	$567.40	$160.74	-	-	33	3.88	28.7	78.8	$728.14

Grab samples ginned at the Texas A&M AgriLife Research and Extension Center, Lubbock. Quality analysis at the FBRI, Lubbock.

[1]Lint Values were calculated using the 2017 Upland Cotton Loan Valuation Model from Cotton Incorporated

Gross Seed Return based on $135/ton

For Questions Contact: Brad Easterling

2018 Cotton Variety Trial

Producer: **Allan Fuchs**
Name of County: Glasscock
Design: 2x1

Plant Date: 5/30/2018
Harvest Date: 11/20/2018
Herbicide:
Fertility:

Variety	Yield Per Acre		% Turnout		Loan Value	Lint Gross Return	Seed Gross Return	Color	Leaf	Staple	Mic	Strength	Unif.	Gross Return ($/acre)[1]
	Lint	Seed	Lint	Seed										
FM 2574 GLT	1529	1832	35.09%	42.05%	$0.5480	$837.68	$141.96	31	4	37	3.92	30.4	81.4	$979.63
DP 1820 B3XF	1518	1896	35.18%	43.94%	$0.5405	$820.53	$146.93	31	4	37	4.09	30.6	79.8	$967.46
NG 4777 B2XF	1498	1728	41.93%	48.37%	$0.5375	$805.02	$133.89	41	3	36	4.23	30.2	79.9	$938.90
PHY 480 W3FE	1478	2106	33.62%	47.89%	$0.5020	$742.13	$163.19	41	4	36	3.34	28.9	81.0	$905.32
DP 1646 B2XF	1357	1662	36.93%	45.23%	$0.5515	$748.34	$128.81	31	3	37	3.91	28.6	79.9	$877.15
PHY 340 W3FE	1220	1635	34.56%	46.31%	$0.5430	$662.46	$126.71	41	3	36	4.24	29.6	80.9	$789.17
ST 5122 GLT	1295	1833	33.02%	46.72%	$0.4995	$646.94	$142.02	31	5	34	3.95	28.4	78.3	$788.96
PHY 440 W3FE	1061	1515	30.58%	43.69%	$0.5140	$545.15	$117.44	41	3	37	3.48	31.0	79.3	$662.59
DP 1845 B3XF	1028	1223	35.84%	42.62%	$0.4825	$496.24	$94.78	41	7	39	3.99	29.7	80.7	$591.01
Average	1332	1714	35.19%	45.20%	$0.5243	$700.50	$132.86	-	-	37	3.91	29.7	80.1	$833.36
Max.	1529	2106	41.93%	48.37%	$0.5515	$837.68	$163.19	-	-	39	4.24	31.0	81.4	$979.63
Min.	1028	1223	30.58%	42.05%	$0.4825	$496.24	$94.78	-	-	34	3.34	28.4	78.3	$591.01

Grab samples ginned at the Texas A&M AgriLife Research and Extension Center, Lubbock. Quality analysis at the FBRI, Lubbock.

[1]Lint Values were calculated using the 2018 Upland Cotton Loan Valuation Model from Cotton Incorporated

Gross Seed Return based on $135/ton

For Questions Contact: Brad Easterling

Lint Yields and Fiber Properties from the Replicated On-Farm PhytoGen Innovation Trial Conducted in Glasscock Co., TX., 2018.

Producer: Cole Schwartz

Phillips Farm
Planting Date: 5-26-18
Harvest Date: 11-16-18
8 Row Solid Pattern
40" Row Spacing
35,000 Seeding Rate
2.5 GPM Drip Irrigation

125 Units N
6 Gals MAP (10 lbs P)
1/4 lb Zn
Anova (Sanders)

Variety	Turn Out	Lint Yield	Mic	Length	Unif.	Strength	Leaf	Loan	Crop Value
PHY 444 WRF	0.378	1313	4.2	38.2	83.4	31.9	4	0.5450	$716
PHY 480 W3FE	0.365	1305	4.7	34.8	81.6	29.0	4	0.5397	$704
PHY 350 W3FE	0.342	1296	4.8	35.8	81.9	29.7	4	0.5325	$690
PHY 300 W3FE	0.352	1257	4.7	35.4	82.5	29.8	4	0.5407	$680
PHY 440 W3FE	0.352	1239	4.2	36.9	81.1	32.4	4	0.5440	$674
PHY 330 W3FE	0.347	1207	4.6	35.9	82.1	29.5	4	0.5398	$651
PHY 340 W3FE	0.349	1197	4.8	35.4	81.6	29.8	4	0.5403	$647
PHY 320 W3FE	0.338	1187	4.7	35.1	82.8	29.8	4	0.5410	$642
Mean	0.353	1250	4.6	35.9	82.1	30.2	4	0.5404	$675

Lint Yields and Fiber Properties from the Replicated On-Farm PhytoGen Innovation Trial Conducted in Glasscock Co., TX., 2018.

Producer: Nathan Halfmann

Glasscock Co.
Planting Date: 5-25-18
Harvest Date: 11-16-18
40" Row Spacing
Drip Irrigation

Variety	Turn Out	Lint Yield	Mic	Length	Unif.	Strength	Leaf	Loan	Crop Value
PHY 340 W3FE	0.367	1327	4.4	35.4	82.1	29.2	4	0.5398	$716
PHY 350 W3FE	0.359	1233	4.5	36.5	82.4	30.6	3	0.5473	$675
PHY 300 W3FE	0.358	1220	4.3	35.0	82.2	30.2	4	0.5408	$660
PHY 320 W3FE	0.344	1224	4.2	35.7	82.6	31.1	5	0.5343	$654
PHY 330 W3FE	0.352	1199	4.3	35.4	82.2	29.4	5	0.5298	$635
PHY 440 W3FE	0.370	1148	3.9	36.6	81.6	32.6	4	0.5445	$625
PHY 480 W3FE	0.376	1137	4.0	37.0	82.1	31.2	4	0.5463	$621
PHY 444 WRF	0.359	1138	4.0	37.0	82.1	30.6	4	0.5353	$611
Mean	0.360	1203	4.2	36.1	82.1	30.6	4	0.5397	$649

BASF
We create chemistry

APT Trial Report

Rick Minzenmayer

2018

APT AGRONOMIC PERFORMANCE TRIAL

FiberMax® cotton

Sales Contact Noble Laminack
Phone 325-716-8839
Email noble.laminack@basf.com

State Texas
Irrigated Yes
Soil Type Silty Clay Loam

County Glasscock
Planting Date 5/22/2018
Harvest Date 11/13/2018

Variety	Yield	Lint %	Mic	Length	Staple	Strength	Unif	Loan Value	Value/A
FM 2498GLT	1308	39.7%	5.3	1.11	35.5	27.9	80.1	53.10	$695
ST 5122GLT	1276	37.6%	4.1	1.11	35.5	29.6	79.3	54.85	$700
BX 1952B2XF	1251	32.8%	4.9	1.12	35.8	30.9	82.7	55.75	$697
FM 2574GLT	1250	38.4%	4.4	1.12	35.8	30.1	80.4	55.70	$696
PHY 440 W3FE	1219	37.9%	4.2	1.14	36.5	31.8	81.1	55.95	$682
PHY 444 WRF	1178	39.6%	4.3	1.20	38.4	29.9	81.4	56.00	$660
ST 5517GLTP	1152	36.5%	4.1	1.10	35.2	30.3	79.0	53.70	$618
FM 2334GLT	1145	39.0%	4.5	1.13	36.2	29.4	78.9	54.65	$626
PHY 480 W3FE	1100	40.2%	4.4	1.10	35.2	28.3	82.7	54.10	$595
FM 1953GLTP	1061	35.2%	4.1	1.15	36.8	29.9	81.0	56.00	$594
BX 1972GLTP	1024	34.4%	4.3	1.12	35.8	28.1	79.2	54.65	$559
FM 1830GLT	1022	37.9%	4.4	1.16	37.1	30.1	80.7	56.10	$573
BX 1951NRB2X	992	36.8%	4.1	1.10	35.2	29.8	80.7	54.25	$538
Trial Average:	1152	0.37	4.4	1.13	36.1	29.7	80.6	54.98	$633

Regional Agronomist Rick Minzenmayer 325-365-1292 richard.minzenmayer@basf.com

12/7/2018