

# APT

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# 2020 Southern High Plains Individual Trial Summaries

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Performance Trial

# 2020 Adkins – Estacado Irr

Agronomic Solutions Advisor:	<b>Bruce Odom</b>	State:	<b>TX</b>	Planting Date:	<b>5/18/2020</b>	Seeding Rate:	<b>48,000</b>
Phone:	<b>(806) 252-4178</b>	County:	<b>Crosby</b>	Harvest Date:	<b>11/4/2020</b>	Row Spacing:	<b>30/50</b>
Email:	<a href="mailto:Bruce.odom@basf.com">Bruce.odom@basf.com</a>	City:	<b>Lorenzo</b>	Tillage:	<b>No-Till</b>	Irrigation:	<b>Yes / Drip</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Clay Loam</b>	Yield Environment:	<b>2-3 bales</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 2498GLT	1741	1	0.363	1.15	37	29.6	4.94	82.9	56.80	\$988.72	29.6	47	5.0
FM 2398GLTP	1602	2	0.387	1.14	36	30.4	5.05	82.6	54.65	\$875.54	28.9	59	5.0
NG 4777 B2XF	1462	3	0.349	1.11	36	30.3	4.76	81.9	56.55	\$826.67	35.1	56	4.0
BX 2116GLTP	1450	4	0.360	1.13	36	31.5	4.86	82.3	56.75	\$823.10	27.1	34	3.0
FM 1830GLT	1444	5	0.360	1.15	37	30.7	4.50	81.5	57.00	\$823.20	28.5	65	3.0
FM 1621GL	1405	6	0.376	1.12	36	30.6	4.68	81.6	54.55	\$766.24	26.8	65	8.0
FM 2202GL	1352	7	0.360	1.13	36	31.3	4.52	83.4	55.55	\$751.30	29.9	60	3.0
FM 1730GLTP**	1342	8	0.352	1.17	37	33.1	4.68	82.1	56.80	\$762.36	27.8	70	4.0
ST 4990B3XF	1331	9	0.333	1.17	37	30.5	4.35	83.6	57.10	\$759.85	31.3	32	3.0
ST 4480B3XF	1296	10	0.328	1.17	37	31.5	4.33	81.1	56.75	\$735.49	32.4	60	6.0
Test Mean	1443		0.357	1.14	37	31.0	4.67	82.3	56.25	\$811.25	29.7	55	4.4

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\*FM 1730GLTP was tested as BX 2141GLTP



# 2020 Becton – New Deal Irr

Agronomic Solutions Advisor:	<b>Matt Vaughn</b>	State:	<b>TX</b>	Planting Date:	<b>5/27/2020</b>	Seeding Rate:	<b>52,000</b>
Phone:	<b>(806) 773-5030</b>	County:	<b>Lubbock</b>	Harvest Date:	<b>11/3/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Mathew.vaughn@basf.com">Mathew.vaughn@basf.com</a>	City:	<b>New Deal</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes / Drip</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Sandy Clay Loam</b>	Yield Environment:	<b>2-3 bales</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1245	1	0.417	1.12	36	31.7	4.82	84.1	56.90	\$708.13	27.9	56	6.0
DP 1820 B3XF	1205	2	0.351	1.18	38	32.3	4.40	83.3	57.45	\$692.09	28.7	42	5.0
ST 5707B2XF	1186	3	0.333	1.16	37	33.0	4.80	84.6	57.40	\$680.75	25.8	47	4.5
ST 5610B3XF	1106	4	0.382	1.15	37	30.3	3.95	83.7	57.15	\$632.00	29.9	48	4.0
BX 2194B3XF	1062	5	0.380	1.13	36	29.8	3.82	82.0	56.00	\$594.87	22.7	51	6.0
NG 3956 B3XF	1056	6	0.370	1.13	36	28.4	4.32	83.0	56.40	\$595.81	28.5	66	6.0
ST 4990B3XF	1010	7	0.364	1.16	37	28.8	4.48	83.4	56.85	\$574.36	25.8	61	4.0
ST 4480B3XF	988	8	0.332	1.20	38	31.9	3.76	82.9	57.40	\$566.85	26.1	62	6.0
ST 5600B2XF	980	9	0.362	1.14	36	30.7	3.98	83.1	56.70	\$555.40	30.2	42	5.0
ST 5091B3XF**	927	10	0.361	1.10	35	27.4	3.73	81.4	55.15	\$511.00	32.0	52	3.0
BX 2192B3XF	874	11	0.334	1.19	38	31.5	3.59	82.1	57.35	\$501.17	30.6	68	2.0
Test Mean	1058		0.362	1.15	37	30.5	4.15	83.1	56.80	\$601.13	28.0	54	4.7

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\*ST 4993B3XF was tested as BX 2193B3XF

ST 5091B3XF was tested as BX 2191B3XF





# 2020 Beseda - Whiteface Irr

Agronomic Solutions Advisor:	Marte Pierce	State:	TX	Planting Date:	5/18/2020	Seeding Rate:	43,000
Phone:	(806) 549-5967	County:	Cochran	Harvest Date:	11/12/2020	Row Spacing:	40
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	Whiteface	Tillage:	Conventional	Irrigation:	Yes / Drip
		Trial Type:	APT	Soil Texture:	Sandy Loam	Yield Environment:	2-3 bales

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
NG 3956 B3XF	1658	1	0.356	1.14	36	29.8	4.57	83.3	56.90	\$943.44	32.9	19	8.0
BX 2194B3XF	1639	2	0.377	1.20	38	30.7	3.71	83.1	57.30	\$939.04	25.8	19	8.0
ST 5707B2XF	1555	3	0.331	1.19	38	33.2	3.95	84.0	57.15	\$888.70	29.8	3	7.0
ST 5610B3XF	1525	4	0.362	1.15	37	31.4	4.10	83.3	57.35	\$874.44	35.0	26	8.0
ST 4993B3XF**	1502	5	0.386	1.15	37	34.4	4.35	83.8	57.35	\$861.26	23.9	36	9.0
ST 5600B2XF	1477	6	0.342	1.17	37	32.8	4.47	84.2	57.35	\$847.31	26.3	16	8.0
BX 2192B3XF	1470	7	0.341	1.17	37	29.7	4.17	82.8	56.85	\$835.58	28.8	24	7.0
ST 5091B3XF**	1433	8	0.367	1.17	37	29.7	4.37	82.2	56.80	\$813.84	25.6	31	8.0
ST 4990B3XF	1399	9	0.349	1.18	38	30.3	4.62	84.3	57.30	\$801.56	19.0	41	7.0
ST 4480B3XF	1286	10	0.324	1.19	38	32.0	4.19	83.5	57.50	\$739.42	25.2	46	8.0
Test Mean	1494		0.354	1.17	37	31.4	4.25	83.5	57.19	\$854.46	27.2	26	7.8

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\*ST 4993B3XF was tested as BX 2193B3XF

ST 5091B3XF was tested as BX 2191B3XF



# 2020 Billings – Seagraves Irr

Agronomic Solutions Advisor:	Marte Pierce	State:	TX	Planting Date:	5/12/2020	Seeding Rate:	49,000
Phone:	(806) 549-5967	County:	Gaines	Harvest Date:	11/9/2020	Row Spacing:	36
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	Seagraves	Tillage:	Minimum	Irrigation:	Yes / Pivot
		Trial Type:	APT	Soil Texture:	Loamy Sand	Yield Environment:	2-3 bales

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 2398GLTP	1685	1	0.368	1.15	37	30.3	4.63	83.8	57.10	\$962.40	22.2	83	5.0
ST 4993B3XF**	1683	2	0.393	1.15	37	30.6	4.61	83.2	57.10	\$960.81	26.1	63	5.0
ST 5600B2XF	1675	3	0.347	1.17	37	32.0	4.66	83.9	57.30	\$959.85	27.4	42	3.0
FM 1621GL	1631	4	0.341	1.16	37	31.0	4.58	82.5	55.75	\$909.13	20.4	86	6.0
NG 4098 B3XF	1599	5	0.320	1.17	37	32.7	4.13	82.1	57.25	\$915.35	23.9	44	4.0
ST 5707B2XF	1577	6	0.323	1.17	37	32.9	4.72	83.8	57.30	\$903.78	30.4	61	2.0
BX 2194B3XF	1566	7	0.331	1.18	38	30.0	3.57	82.1	56.70	\$887.65	24.6	67	5.0
FM 2202GL	1544	8	0.356	1.10	35	32.7	4.26	83.3	55.70	\$859.83	26.9	73	3.0
ST 5091B3XF**	1421	9	0.354	1.12	36	28.7	4.01	82.1	56.35	\$800.70	27.2	64	2.0
FM 1730GLTP**	1397	10	0.352	1.18	38	32.2	4.45	83.4	57.45	\$802.83	19.4	88	3.0
FM 1830GLT	1366	11	0.347	1.22	39	30.8	4.38	83.1	57.25	\$782.26	28.0	58	2.0
ST 4990B3XF	1311	12	0.321	1.17	37	30.0	4.24	83.8	57.15	\$749.17	24.7	52	2.0
BX 2192B3XF	1272	13	0.332	1.25	40	31.4	4.00	83.3	57.50	\$731.56	28.5	65	2.0
ST 4480B3XF	1239	14	0.315	1.18	38	31.2	4.21	81.8	57.40	\$711.04	23.6	89	6.0
Test Mean	1498		0.343	1.17	37	31.2	4.32	83.0	56.95	\$852.60	25.2	67	3.6

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Billings – Seagraves Limited

Agronomic Solutions Advisor:	Marte Pierce	State:	TX	Planting Date:	5/13/2020	Seeding Rate:	49,000
Phone:	(806) 549-5967	County:	Gaines	Harvest Date:	10/8/2020	Row Spacing:	36
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	Seagraves	Tillage:	Conventional	Irrigation:	Yes / Pivot
		Trial Type:	APT	Soil Texture:	Sand	Yield Environment:	< 1 bale

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	464	1	0.404	1.03	33	29.6	4.68	81.5	51.55	\$239.05	16.3	56	6.5
ST 5600B2XF	453	2	0.364	1.08	35	31.5	4.82	82.3	54.00	\$244.86	16.4	30	5.0
ST 5610B3XF	420	3	0.400	1.06	34	29.4	4.31	81.5	53.50	\$224.50	14.2	35	5.5
ST 5707B2XF	415	4	0.368	1.04	33	28.5	4.54	80.4	51.45	\$213.48	18.7	28	5.0
ST 5091B3XF**	410	5	0.415	1.03	33	25.3	4.51	79.3	48.30	\$197.99	20.7	30	3.0
FM 2398GLTP	406	6	0.413	1.06	34	27.9	4.78	81.1	53.45	\$217.01	13.8	64	6.5
FM 1621GL	405	7	0.383	1.00	32	27.8	4.18	79.6	49.30	\$199.60	17.0	72	7.0
BX 2194B3XF	401	8	0.376	1.05	34	27.4	3.81	79.7	53.00	\$212.79	16.7	37	6.0
BX 2116GLTP	398	9	0.388	1.05	34	27.3	4.33	80.7	53.40	\$212.47	19.6	36	6.5
FM 2202GL	389	10	0.373	1.06	34	32.0	4.32	81.8	53.70	\$209.13	14.8	80	6.0
FM 1830GLT	385	11	0.397	1.10	35	29.4	4.42	81.1	55.15	\$212.50	20.8	37	4.5
ST 4990B3XF	379	12	0.389	1.09	35	27.3	4.45	81.3	55.10	\$209.07	15.3	46	3.0
FM 1730GLTP**	358	13	0.380	1.06	34	29.0	4.45	81.2	53.50	\$191.68	12.8	87	4.0
BX 2192B3XF	339	14	0.378	1.06	34	25.4	4.05	79.8	50.30	\$170.68	14.6	78	5.0
ST 4480B3XF	337	15	0.363	1.10	35	28.0	4.34	80.6	55.05	\$185.56	15.5	87	4.5
Test Mean	397		0.386	1.06	34	28.4	4.40	80.8	52.72	\$209.36	16.5	53	5.2

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Braden – Coyanosa Irr

Agronomic Solutions Advisor:	<b>Noble Laminack</b>	State:	<b>TX</b>	Planting Date:	<b>5/19/2020</b>	Seeding Rate:	<b>70,000</b>
Phone:	<b>(325) 716-8839</b>	County:	<b>Pecos</b>	Harvest Date:	<b>10/31/2020</b>	Row Spacing:	<b>30</b>
Email:	<a href="mailto:Noble.laminack@basf.com">Noble.laminack@basf.com</a>	City:	<b>Coyanosa</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes / Drip</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Clay</b>	Yield Environment:	<b>4+ bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	2431	1	0.439	1.11	36	30.3	4.89	83.3	56.65	\$1,376.97	30.7	63	7.0
ST 5091B3XF**	2380	2	0.426	1.11	36	28.2	4.68	80.9	56.25	\$1,338.55	34.2	63	5.0
ST 5600B2XF	2315	3	0.397	1.17	37	30.7	4.88	83.2	57.10	\$1,321.89	29.8	37	5.0
BX 2192B3XF	2215	4	0.406	1.19	38	31.1	4.49	83.2	57.45	\$1,272.32	33.3	72	5.0
ST 5707B2XF	2198	5	0.376	1.12	36	31.7	5.08	82.9	53.95	\$1,186.04	32.3	58	6.0
ST 4990B3XF	2155	6	0.391	1.18	38	29.9	4.60	82.9	56.95	\$1,227.10	33.5	71	4.0
BX 2194B3XF	2110	7	0.395	1.15	37	29.7	4.01	81.5	54.65	\$1,153.04	26.3	61	7.0
FM 2398GLTP	2088	8	0.417	1.18	38	31.3	5.06	83.3	55.10	\$1,150.74	25.5	62	6.5
BX 2116GLTP	2021	9	0.377	1.15	37	31.5	4.86	83.2	57.30	\$1,158.11	26.4	73	4.0
FM 2498GLT	1979	10	0.391	1.16	37	31.1	5.04	83.2	54.95	\$1,087.67	27.6	56	6.0
FM 1830GLT	1919	11	0.406	1.18	38	32.0	4.82	82.8	57.35	\$1,100.54	25.5	96	5.0
FM 1730GLTP**	1872	12	0.384	1.16	37	33.3	4.49	84.1	57.40	\$1,074.74	24.7	81	6.0
NG 3956 B3XF	1865	13	0.372	1.14	36	29.6	4.78	82.9	54.60	\$1,018.27	36.2	71	7.0
ST 4480B3XF	1798	14	0.381	1.16	37	30.5	4.57	81.4	56.30	\$1,012.24	31.6	93	6.5
Test Mean	2096		0.397	1.15	37	30.8	4.73	82.8	56.14	\$1,177.01	29.8	68	5.7

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Breeding – Lubbock Full Irr

Agronomic Solutions Advisor:	<b>Matt Vaughn</b>	State:	<b>TX</b>	Planting Date:	<b>5/5/2020</b>	Seeding Rate:	<b>45,000</b>
Phone:	<b>(806) 773-5030</b>	County:	<b>Lubbock</b>	Harvest Date:	<b>11/10/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Mathew.vaughn@basf.com">Mathew.vaughn@basf.com</a>	City:	<b>Lubbock</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes / Drip</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Loam</b>	Yield Environment:	<b>3-4 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 1621GL	2025	1	0.356	1.21	39	31.0	4.38	82.6	55.00	\$1,113.95	30.0	59	7.0
FM 2398GLTP	1910	2	0.382	1.17	37	31.3	4.62	83.4	57.30	\$1,094.35	25.0	64	5.0
FM 1888GL	1898	3	0.344	1.19	38	32.3	4.26	82.6	55.05	\$1,044.73	27.2	60	6.0
ST 5610B3XF	1883	4	0.364	1.19	38	30.8	4.18	82.3	57.20	\$1,076.86	31.7	62	3.0
FM 2202GL	1872	5	0.368	1.14	36	32.1	4.25	83.0	57.35	\$1,073.35	26.6	61	4.0
ST 5600B2XF	1836	6	0.355	1.21	39	31.0	4.33	83.3	57.00	\$1,046.56	32.7	56	2.0
ST 4993B3XF**	1825	7	0.385	1.18	38	31.3	4.57	83.4	57.45	\$1,048.63	27.3	63	4.0
BX 2194B3XF	1822	8	0.341	1.23	39	29.9	3.56	82.1	56.50	\$1,029.69	29.8	60	4.0
FM 1911GLT	1785	9	0.351	1.19	38	31.4	3.94	83.2	57.50	\$1,026.45	28.1	56	7.0
ST 5091B3XF**	1739	10	0.354	1.16	37	28.2	3.87	81.9	56.80	\$987.95	33.9	58	3.0
ST 5707B2XF	1660	11	0.321	1.19	38	32.1	4.39	83.4	57.00	\$946.33	34.7	51	2.0
FM 2498GLT	1647	12	0.357	1.18	38	29.7	4.67	83.2	57.05	\$939.37	26.3	51	6.0
FM 1730GLTP**	1631	13	0.332	1.22	39	32.2	4.16	83.8	57.05	\$930.63	27.7	67	4.0
ST 4480B3XF	1578	14	0.339	1.19	38	30.9	4.21	82.2	57.20	\$902.61	26.7	72	6.0
BX 2116GLTP	1490	15	0.337	1.17	37	30.8	4.22	83.1	57.15	\$851.28	28.7	61	4.0
ST 4990B3XF	1484	16	0.331	1.23	39	30.3	4.22	84.1	56.90	\$844.22	25.0	64	2.0
BX 2192B3XF	1470	17	0.341	1.24	40	30.7	3.66	82.6	56.70	\$833.33	31.2	52	1.0
FM 1830GLT	1453	18	0.344	1.21	39	31.2	4.11	83.0	57.15	\$830.39	27.2	52	3.0
Test Mean	1723		0.350	1.19	38	31.0	4.20	83.0	56.85	\$978.93	28.9	59	4.1

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF





# 2020 Breeding – Lubbock Limited

Agronomic Solutions Advisor:	<b>Matt Vaughn</b>	State:	<b>TX</b>	Planting Date:	<b>5/5/2020</b>	Seeding Rate:	<b>45,000</b>
Phone:	<b>(806) 773-5030</b>	County:	<b>Lubbock</b>	Harvest Date:	<b>11/10/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Mathew.vaughn@basf.com">Mathew.vaughn@basf.com</a>	City:	<b>Lubbock</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes / Drip</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Loam</b>	Yield Environment:	<b>1-2 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 1621GL	1029	1	0.385	1.10	35	30.1	4.69	81.6	52.15	\$536.52	20.1	97	7.0
ST 5707B2XF	975	2	0.365	1.13	36	32.4	5.16	82.8	54.40	\$530.60	23.4	62	4.0
FM 1911GLT	975	3	0.377	1.16	37	30.2	4.63	82.1	56.55	\$551.32	16.9	75	7.0
FM 2202GL	942	4	0.377	1.11	36	31.2	4.08	81.6	55.50	\$523.05	20.2	92	2.0
ST 4993B3XF**	941	5	0.420	1.13	36	31.0	4.89	82.7	56.75	\$534.19	20.2	65	3.0
BX 2194B3XF	935	6	0.374	1.16	37	29.0	4.01	81.0	56.40	\$527.30	21.4	51	5.0
FM 1888GL	931	7	0.360	1.14	36	29.8	4.36	81.0	54.60	\$508.31	17.1	98	6.0
FM 2398GLTP	863	8	0.385	1.11	36	28.7	4.42	81.4	56.30	\$485.79	19.2	97	4.0
ST 5600B2XF	838	9	0.389	1.14	36	30.7	4.99	82.4	57.00	\$477.83	20.1	66	2.0
FM 2498GLT	838	10	0.374	1.10	35	29.2	4.57	80.9	55.10	\$461.86	20.6	95	4.0
BX 2192B3XF	808	11	0.375	1.18	38	28.8	4.44	81.5	56.90	\$459.83	23.6	60	1.0
ST 5610B3XF	783	12	0.395	1.11	36	29.8	4.75	81.5	56.35	\$441.29	20.8	71	3.0
FM 1730GLTP**	759	13	0.352	1.13	36	30.4	4.27	81.6	55.95	\$424.42	18.3	96	3.0
ST 4990B3XF	753	14	0.364	1.15	37	28.4	4.53	82.3	56.05	\$422.08	21.0	62	1.0
FM 1830GLT	721	15	0.380	1.14	36	30.2	4.62	81.8	57.00	\$410.76	21.6	78	2.0
BX 2116GLTP	714	16	0.345	1.14	36	29.6	4.30	82.1	56.80	\$405.40	20.2	92	2.0
ST 5091B3XF**	713	17	0.376	1.12	36	28.1	4.52	80.9	56.25	\$401.09	23.0	77	1.0
ST 4480B3XF	650	18	0.343	1.15	37	29.2	4.00	80.8	56.10	\$364.91	19.5	95	4.0
Test Mean	843		0.374	1.13	36	29.8	4.51	81.7	55.90	\$470.36	20.4	79	3.4

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Brown – Lamesa Irr

Agronomic Solutions Advisor:	<b>Brad Stewart</b>	State:	<b>TX</b>	Planting Date:	<b>5/19/2020</b>	Seeding Rate:	<b>38,000</b>
Phone:	<b>(806) 241-1835</b>	County:	<b>Dawson</b>	Harvest Date:	<b>10/24/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Brad.stewart@basf.com">Brad.stewart@basf.com</a>	City:	<b>Lamesa</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes / Pivot</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Sandy Loam</b>	Yield Environment:	<b>1-2 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1035	1	0.421	1.07	34	30.8	4.80	82.2	53.70	\$555.93	28.3	39	6.5
FM 2398GLTP	922	2	0.402	1.07	34	28.2	4.83	81.1	53.45	\$493.00	25.3	19	5.5
FM 1621GL	865	3	0.387	1.04	33	26.4	4.56	79.6	49.35	\$427.09	24.1	52	6.0
FM 1830GLT	860	4	0.394	1.06	34	26.7	4.50	80.0	53.40	\$459.49	25.6	47	4.0
BX 2194B3XF	849	5	0.391	1.09	35	28.4	3.70	80.3	55.10	\$467.94	26.8	41	6.0
ST 5707B2XF	849	6	0.370	1.03	33	28.8	4.52	79.5	51.00	\$432.75	28.6	7	3.0
ST 5600B2XF	841	7	0.399	1.05	34	28.2	4.84	81.0	53.45	\$449.70	26.8	25	5.0
BX 2192B3XF	837	8	0.399	1.11	36	26.8	4.19	80.0	56.30	\$471.38	29.8	14	4.0
FM 1730GLTP**	831	9	0.374	1.11	36	28.9	4.32	81.0	56.30	\$467.93	24.7	46	3.0
ST 4480B3XF	814	10	0.368	1.13	36	28.5	4.40	81.4	56.30	\$458.21	27.2	53	5.0
ST 4990B3XF	814	11	0.389	1.08	35	27.0	4.18	80.4	55.10	\$448.31	27.5	10	2.0
BX 2116GLTP	801	12	0.378	1.08	35	28.0	4.59	81.1	55.10	\$441.11	24.1	22	4.5
FM 2202GL	794	13	0.368	0.98	31	27.6	4.10	79.3	48.55	\$385.52	26.7	44	4.5
ST 5091B3XF**	781	14	0.401	1.03	33	24.1	4.43	78.8	47.70	\$372.59	28.1	39	3.0
NG 3956 B3XF	767	15	0.371	1.05	34	27.7	4.41	80.2	53.40	\$409.39	30.5	32	6.0
Test Mean	844		0.387	1.07	34	27.7	4.42	80.4	53.21	\$449.36	26.9	33	4.5

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Brown – Morton Limited



Agronomic Solutions Advisor:	<b>Marte Pierce</b>	State:	<b>TX</b>	Planting Date:	<b>5/4/2020</b>	Seeding Rate:	<b>38,000</b>
Phone:	<b>(806) 549-5967</b>	County:	<b>Cochran</b>	Harvest Date:	<b>10/22/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	<b>Morton</b>	Tillage:	<b>Conventional</b>	Irrigation:	<b>Yes / Pivot</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Sandy Loam</b>	Yield Environment:	<b>1-2 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 1621GL	632	1	0.380	1.10	35	29.7	4.90	81.9	54.35	\$343.72	15.6		7.0
ST 4993B3XF**	617	2	0.412	1.10	35	31.0	4.24	82.8	55.60	\$342.79	18.0	12	7.0
ST 5600B2XF	616	3	0.380	1.13	36	30.7	4.39	82.5	56.55	\$348.62	17.8	11	5.0
BX 2194B3XF	601	4	0.380	1.15	37	29.8	3.79	81.8	56.85	\$341.40	18.0	17	6.0
ST 5091B3XF**	591	5	0.388	1.09	35	27.3	3.70	80.2	55.10	\$325.90	19.6	17	3.0
FM 2202GL	591	6	0.391	1.10	35	31.8	4.33	82.7	55.55	\$328.07	14.6	64	3.0
FM 2398GLTP	576	7	0.396	1.12	36	30.1	4.68	82.0	56.55	\$325.71	16.8	28	5.0
FM 1730GLTP**	573	8	0.369	1.13	36	31.0	4.33	82.6	56.75	\$325.08	17.2		4.0
ST 5610B3XF	561	9	0.397	1.12	36	29.0	3.93	82.1	56.40	\$316.28	16.4	9	4.5
ST 5707B2XF	561	10	0.358	1.15	37	32.9	4.44	82.7	57.20	\$320.75	16.8	19	4.0
FM 2498GLT	559	11	0.396	1.12	36	29.1	4.79	82.0	56.35	\$315.20	13.4	12	6.0
FM 1830GLT	553	12	0.380	1.14	36	30.1	4.35	81.2	57.00	\$315.04	17.4	24	4.0
FM 1911GLT	551	13	0.433	1.11	36	30.4	4.26	82.6	56.60	\$311.90	14.6	11	7.0
BX 2192B3XF	542	14	0.362	1.17	37	30.1	3.71	82.2	57.05	\$309.05	18.0	14	6.0
ST 4990B3XF	525	15	0.368	1.15	37	28.9	4.04	83.0	56.90	\$298.70	15.8	12	2.0
BX 2116GLTP	490	16	0.347	1.10	35	28.4	4.05	81.4	55.15	\$270.32	15.4		5.0
ST 4480B3XF	481	17	0.366	1.14	36	29.4	4.14	81.2	56.85	\$273.54	15.3	17	6.0
NG 3956 B3XF	467	18	0.371	1.09	35	28.1	4.54	81.9	55.10	\$257.30	15.0	29	7.0
Test Mean	560		0.382	1.12	36	29.9	4.26	82.0	56.22	\$314.97	16.4		5.1

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Dill – Wellman Irr

Agronomic Solutions Advisor:	<b>Brad Stewart</b>	State:	<b>TX</b>	Planting Date:	<b>5/15/2020</b>	Seeding Rate:	<b>39,204</b>
Phone:	<b>(806) 241-1835</b>	County:	<b>Terry</b>	Harvest Date:	<b>11/6/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Brad.stewart@basf.com">Brad.stewart@basf.com</a>	City:	<b>Brownfield</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes / Pivot</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Loamy Sand</b>	Yield Environment:	<b>2-3 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1547	1	0.398	1.12	36	32.0	4.29	83.6	56.90	\$880.42	26.2	20	7.3
ST 5610B3XF	1535	2	0.382	1.14	36	29.5	3.78	83.4	56.95	\$874.20	27.9	7	6.5
DP 1646 B2XF	1519	3	0.389	1.20	38	29.0	3.88	82.8	57.00	\$865.81	28.5	18	6.0
ST 5600B2XF	1514	4	0.374	1.14	36	30.8	4.24	82.6	57.05	\$864.02	28.1	2	6.8
ST 4990B3XF	1448	5	0.364	1.14	36	30.4	4.44	83.3	57.10	\$826.76	26.6	25	6.3
ST 5707B2XF	1389	6	0.347	1.15	37	32.8	4.73	82.8	57.20	\$794.54	29.0	20	6.3
NG 3956 B3XF	1387	7	0.353	1.11	36	29.4	4.38	82.7	55.95	\$775.84	25.3	35	7.5
DP 2022 B3XF	1362	8	0.322	1.11	36	27.5	3.78	81.5	55.95	\$762.10	26.7	23	6.5
DP 1820 B3XF	1338	9	0.380	1.16	37	31.5	4.30	82.9	57.20	\$765.08	26.7	27	6.8
BX 2194B3XF	1330	10	0.361	1.14	36	29.8	3.51	81.6	56.80	\$755.65	26.1	4	7.5
DP 2020 B3XF	1318	11	0.366	1.13	36	27.9	4.11	81.8	56.35	\$742.65	22.3	12	6.5
DP 2055 B3XF	1292	12	0.382	1.15	37	28.7	4.17	81.6	56.80	\$734.03	29.4	24	6.0
DP 2044 B3XF	1230	13	0.346	1.18	38	31.9	3.78	81.7	56.95	\$700.32	25.3	1	6.8
BX 2192B3XF	1217	14	0.354	1.19	38	30.2	3.76	82.6	57.20	\$696.00	24.6	31	6.3
ST 5091B3XF**	1075	15	0.380	1.09	35	27.3	4.29	80.9	55.10	\$592.48	25.6	55	4.5
ST 4480B3XF	969	16	0.354	1.17	37	29.9	4.46	81.5	56.80	\$550.66	23.9	44	7.5
Test Mean	1342		0.366	1.15	37	29.9	4.12	82.3	56.71	\$761.28	26.4	22	6.5

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Dorsett – Wolfforth Dryland

Agronomic Solutions Advisor:	<b>Brad Stewart</b>	State:	<b>TX</b>	Planting Date:	<b>6/1/2020</b>	Seeding Rate:	<b>40,200</b>
Phone:	<b>(806) 241-1835</b>	County:	<b>Lynn</b>	Harvest Date:	<b>10/16/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Brad.stewart@basf.com">Brad.stewart@basf.com</a>	City:	<b>Wolfforth</b>	Tillage:	<b>Conventional</b>	Irrigation:	<b>No</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Sandy Loam</b>	Yield Environment:	<b>&lt; 1 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	498	1	0.432	1.04	33	29.3	4.72	80.8	51.50	\$256.23	17.4	35	7.5
FM 2398GLTP	451	2	0.405	1.08	35	27.5	4.53	81.2	55.10	\$248.72	15.7	60	7.0
FM 2202GL	435	3	0.394	1.04	33	30.7	4.38	81.2	51.55	\$224.48	18.9	35	6.0
FM 1621GL	422	4	0.392	1.03	33	28.4	4.77	80.7	50.95	\$215.18	17.7	60	7.5
FM 1730GLTP**	409	5	0.380	1.03	33	28.4	4.58	79.8	50.80	\$207.98	21.3	45	5.0
ST 5600B2XF	405	6	0.386	1.06	34	29.1	4.52	81.9	53.50	\$216.74	24.8	3	6.0
FM 1830GLT	395	7	0.405	1.09	35	28.2	4.57	80.7	55.05	\$217.43	15.4	20	5.0
ST 5610B3XF	388	8	0.394	1.05	34	28.7	4.10	80.6	53.45	\$207.33	18.8	5	6.0
ST 5707B2XF	381	9	0.373	1.04	33	29.7	4.90	81.1	51.55	\$196.45	19.7	1	5.0
BX 2192B3XF	377	10	0.383	1.12	36	28.6	4.01	81.1	56.35	\$212.48	21.0	5	5.0
NG 3956 B3XF	375	11	0.374	1.06	34	29.3	4.60	81.1	53.50	\$200.71	18.9	40	7.0
ST 4990B3XF	364	12	0.363	1.13	36	29.9	4.17	82.9	56.00	\$203.90	21.7	30	3.0
ST 5091B3XF**	357	13	0.387	1.08	35	26.9	4.29	80.7	55.10	\$196.47	23.6	15	4.0
BX 2194B3XF	349	14	0.372	1.04	33	26.6	3.72	79.5	51.05	\$178.15	19.3	1	6.5
Test Mean	401		0.389	1.06	34	28.7	4.42	81.0	53.25	\$213.02	19.6	25	5.8



\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF





# 2020 Dorsett – Wolfforth Limited

Agronomic Solutions Advisor:	<b>Brad Stewart</b>	State:	<b>TX</b>	Planting Date:	<b>5/19/2020</b>	Seeding Rate:	<b>40,200</b>
Phone:	<b>(806) 241-1835</b>	County:	<b>Lynn</b>	Harvest Date:	<b>10/16/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Brad.stewart@basf.com">Brad.stewart@basf.com</a>	City:	<b>Wolfforth</b>	Tillage:	<b>Conventional</b>	Irrigation:	<b>Yes / Pivot</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Clay Loam</b>	Yield Environment:	<b>1-2 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 2202GL	709	1	0.386	1.07	34	31.2	4.48	82.4	53.00	\$375.65	19.1	60	6.8
FM 1830GLT	703	2	0.397	1.11	36	29.9	4.68	81.1	55.95	\$393.55	17.1	40	6.5
ST 4990B3XF	691	3	0.366	1.12	36	28.7	4.44	82.2	56.30	\$388.93	20.6	15	5.0
ST 4993B3XF**	650	4	0.426	1.08	35	30.7	4.92	82.5	54.75	\$355.79	19.7	45	7.0
BX 2192B3XF	631	5	0.372	1.16	37	29.7	4.09	81.3	56.85	\$358.47	20.9	8	7.0
NG 3956 B3XF	626	6	0.377	1.06	34	27.7	4.60	80.9	53.40	\$334.12	20.4	35	7.5
BX 2116GLTP	622	7	0.389	1.09	35	28.0	4.61	81.7	55.10	\$342.89	17.2	3	6.5
ST 5091B3XF**	618	8	0.400	1.02	33	24.5	4.58	77.9	47.20	\$291.93	23.8	25	5.0
ST 5600B2XF	606	9	0.385	1.08	35	30.4	4.66	81.6	54.55	\$330.77	21.4	15	6.0
FM 1730GLTP**	587	10	0.379	1.10	35	30.0	4.78	81.5	55.35	\$324.70	16.1	70	6.0
FM 1621GL	585	11	0.399	1.05	34	27.9	4.80	80.4	52.50	\$307.17	21.0	75	8.0
FM 2398GLTP	561	12	0.416	1.05	34	26.4	4.94	81.0	53.45	\$299.93	18.1	50	7.0
BX 2194B3XF	556	13	0.388	1.07	34	26.7	4.10	79.9	52.80	\$293.64	19.0	25	7.3
ST 5707B2XF	536	14	0.375	1.06	34	30.5	5.09	81.2	51.35	\$275.13	26.1	18	6.3
ST 4480B3XF	488	15	0.353	1.08	35	27.3	4.52	79.7	54.60	\$266.47	21.4	60	7.5
Test Mean	611		0.387	1.08	35	28.6	4.62	81.0	53.81	\$329.28	20.1	36	6.6

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Heinrich – Lynn Co. Irr

Agronomic Solutions Advisor:	<b>Bruce Odom</b>	State:	<b>TX</b>	Planting Date:	<b>5/29/2020 - replant</b>	Seeding Rate:	<b>46,500</b>
Phone:	<b>(806) 252-4178</b>	County:	<b>Lynn</b>	Harvest Date:	<b>11/12/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Bruce.odom@basf.com">Bruce.odom@basf.com</a>	City:	<b>Wilson</b>	Tillage:	<b>Minimum</b>	Irrigation:	<b>Yes</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Sandy Loam</b>	Yield Environment:	<b>2-3 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1463	1	0.362	1.16	37	31.7	4.06	83.8	57.35	\$839.14	30.1	30	5.0
FM 2398GLTP	1393	2	0.325	1.16	37	29.7	3.74	82.5	56.85	\$791.72	24.7	38	5.0
FM 1730GLTP**	1272	3	0.327	1.19	38	32.1	3.63	83.5	57.45	\$730.78	22.0	55	3.0
FM 2202GL	1235	4	0.320	1.12	36	32.3	3.32	82.7	51.70	\$638.54	26.8	40	6.0
ST 5091B3XF**	1185	5	0.312	1.16	37	28.1	2.95	80.2	47.65	\$564.77	30.6	25	3.0
FM 1830GLT	1146	6	0.309	1.19	38	30.2	3.38	81.6	52.50	\$601.48	26.4	81	3.0
FM 1621GL	1130	7	0.294	1.16	37	31.0	3.39	81.0	49.35	\$557.78	25.2	30	7.0
NG 3956 B3XF	1123	8	0.292	1.16	37	30.9	3.28	82.2	50.10	\$562.41	29.0	31	7.0
BX 2194B3XF	1066	9	0.284	1.20	38	30.2	2.64	82.1	42.75	\$455.68	25.5	29	6.0
ST 4990B3XF	1044	10	0.300	1.18	38	29.0	3.49	81.8	52.30	\$545.97	25.8	33	4.0
ST 5600B2XF	1032	11	0.289	1.15	37	30.2	3.16	81.5	43.80	\$452.01	31.6	15	7.0
BX 2192B3XF	965	12	0.281	1.21	39	29.4	2.88	80.9	47.85	\$461.75	28.1	25	4.0
ST 5707B2XF	949	13	0.257	1.21	39	32.5	3.23	83.4	51.00	\$483.97	29.5	28	3.0
ST 4480B3XF	926	14	0.254	1.22	39	32.3	2.99	81.3	47.85	\$443.24	26.2	32	6.0
Test Mean	1138		0.300	1.18	38	30.7	3.30	82.0	50.61	\$580.66	27.3	35	4.9

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Lowe – Lovington Mixed Irr

Agronomic Solutions Advisor:	Marte Pierce	State:	NM	Planting Date:	5/27/2020	Seeding Rate:	52,000
Phone:	(806) 549-5967	County:	Lea	Harvest Date:	10/23/2020	Row Spacing:	40
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	Lovington	Tillage:	No-Till	Irrigation:	Yes / Drip
		Trial Type:	APT	Soil Texture:	Loam	Yield Environment:	2-3 bales

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1348	1	0.461	1.10	35	31.5	4.31	84.1	55.10	\$742.86	30.0	36	7.0
FM 2398GLTP	1272	2	0.447	1.13	36	29.6	4.26	82.7	56.00	\$712.58	29.4	40	6.0
FM 1830GLT	1247	3	0.434	1.16	37	31.8	4.18	82.2	56.55	\$705.03	30.6	37	5.0
ST 5091B3XF**	1202	4	0.444	1.10	35	27.3	3.75	80.5	54.50	\$655.20	37.3	50	2.0
BX 2194B3XF	1130	5	0.429	1.15	37	28.9	3.26	81.5	49.85	\$563.29	32.8	35	6.0
NG 3930 B3XF	1125	6	0.405	1.14	36	29.9	4.06	83.2	56.95	\$640.57	26.6	39	7.0
ST 5600B2XF	1105	7	0.415	1.14	36	30.2	3.84	82.3	57.05	\$630.53	35.1	7	4.0
BX 2116GLTP	1067	8	0.397	1.11	36	30.1	3.79	82.4	56.60	\$603.81	28.8	28	6.0
ST 5707B2XF	1054	9	0.381	1.11	36	31.9	4.14	82.3	56.80	\$598.73	33.7	22	5.0
FM 1730GLTP**	1052	10	0.427	1.15	37	32.7	4.19	83.7	57.35	\$603.16	27.8	49	3.0
BX 2192B3XF	1030	11	0.401	1.16	37	28.5	3.51	81.5	56.75	\$584.61	31.3	34	5.0
Test Mean	1148		0.422	1.13	36	30.2	3.94	82.4	55.77	\$640.03	30.7	34	5.1

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Lowe – Lovington XF Irr

Agronomic Solutions Advisor:	Marte Pierce	State:	NM	Planting Date:	5/13/2020	Seeding Rate:	45,700
Phone:	(806) 549-5967	County:	Lea	Harvest Date:	11/2/2020	Row Spacing:	40
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	Lovington	Tillage:	No-Till	Irrigation:	Yes / Pivot
		Trial Type:	APT	Soil Texture:	Sandy Loam	Yield Environment:	2-3 bales

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1379	1	0.422	1.13	36	30.5	4.47	83.4	56.65	\$781.20	26.5	43	7.0
NG 3956 B3XF	1222	2	0.368	1.12	36	28.6	4.53	82.4	56.30	\$688.08	24.6	43	7.0
BX 2194B3XF	1212	3	0.394	1.14	36	28.6	3.88	81.8	56.80	\$688.40	29.0	38	6.5
BX 2192B3XF	1174	4	0.388	1.12	36	29.9	4.25	82.2	56.40	\$662.29	28.5	36	5.0
ST 4990B3XF	1167	5	0.377	1.17	37	29.2	4.20	83.1	56.95	\$664.59	26.0	31	4.0
ST 5707B2XF	1161	6	0.368	1.17	37	31.8	4.50	83.8	57.30	\$665.15	28.0	27	5.0
ST 4480B3XF	1100	7	0.364	1.15	37	29.2	4.52	81.7	56.80	\$624.84	28.4	36	6.0
ST 5091B3XF**	1079	8	0.398	1.14	36	27.0	4.05	80.8	56.75	\$612.22	26.4	35	5.0
ST 5610B3XF	1077	9	0.395	1.16	37	28.7	4.35	82.3	56.75	\$610.99	28.9	28	5.0
ST 5600B2XF	1058	10	0.410	1.11	36	31.0	4.78	82.1	56.75	\$600.52	27.6	31	5.0
Test Mean	1163		0.388	1.14	37	29.5	4.35	82.4	56.75	\$659.83	27.4	35	5.6

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Martin – Brownfield Irr

Agronomic Solutions Advisor:	<b>Brad Stewart</b>	State:	<b>TX</b>	Planting Date:	<b>5/20/2020</b>	Seeding Rate:	<b>42,000</b>
Phone:	<b>(806) 241-1835</b>	County:	<b>Terry</b>	Harvest Date:	<b>11/12/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Brad.stewart@basf.com">Brad.stewart@basf.com</a>	City:	<b>Brownfield</b>	Tillage:	<b>No-Till</b>	Irrigation:	<b>Yes / Pivot</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Sandy Loam</b>	Yield Environment:	<b>1-2 bales</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	1126	1	0.396	1.08	35	29.6	5.00	83.1	52.90	\$595.76	20.2	55	7.0
BX 2194B3XF	1057	2	0.373	1.12	36	27.6	3.94	80.5	56.30	\$595.33	20.0	30	7.3
ST 5610B3XF	972	3	0.348	1.14	36	30.2	3.68	83.6	57.10	\$555.25	20.1	25	6.0
DP 1646 B2XF	959	4	0.356	1.16	37	28.8	4.08	82.5	56.80	\$544.63	28.9	20	6.0
ST 4990B3XF	946	5	0.345	1.13	36	28.3	4.50	82.4	56.30	\$532.85	24.2	40	5.0
ST 5707B2XF	886	6	0.325	1.11	36	30.7	4.29	82.3	56.60	\$501.24	23.2	1	6.3
ST 4480B3XF	859	7	0.309	1.20	38	31.8	4.01	83.0	57.50	\$493.72	22.6	50	7.5
NG 4777 B2XF	853	8	0.328	1.13	36	29.6	4.29	80.8	56.35	\$480.54	23.6	25	6.5
ST 5091B3XF**	841	9	0.328	1.10	35	26.6	4.12	80.8	55.10	\$463.61	25.6	1	5.5
BX 2192B3XF	821	10	0.323	1.19	38	30.3	3.75	82.6	57.20	\$469.50	24.6	45	6.0
ST 5600B2XF	802	11	0.335	1.12	36	30.5	4.47	83.1	56.65	\$454.21	22.6	3	6.0
Test Mean	920		0.342	1.13	36	29.5	4.19	82.2	56.25	\$516.97	23.2	27	6.3

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 ST 5091B3XF was tested as BX 2191B3XF





# 2020 Parkhill – Crosbyton Dryland

Agronomic Solutions Advisor:	<b>Bruce Odom</b>	State:	<b>TX</b>	Planting Date:	<b>5/18/2020</b>	Seeding Rate:	<b>48,000</b>
Phone:	<b>(806) 252-4178</b>	County:	<b>Crosby</b>	Harvest Date:	<b>10/13/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Bruce.odom@basf.com">Bruce.odom@basf.com</a>	City:	<b>Crosbyton</b>	Tillage:	<b>Conventional</b>	Irrigation:	<b>No</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Loam</b>	Yield Environment:	<b>&lt; 1 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 5707B2XF	425	1	0.338	1.11	36	32.2	4.71	82.6	56.75	\$240.92	26.0	55	4.0
FM 2202GL	362	2	0.379	1.07	34	31.2	4.64	82.9	53.90	\$194.99	22.1	79	5.0
ST 5600B2XF	355	3	0.352	1.15	37	31.3	4.51	84.3	55.90	\$198.41	25.8	21	6.0
ST 4990B3XF	345	4	0.337	1.16	37	30.9	4.52	83.2	57.10	\$196.94	26.4	17	3.0
ST 4993B3XF**	338	5	0.375	1.07	34	30.5	4.82	82.5	53.70	\$181.34	23.4	23	6.0
FM 2398GLTP	331	6	0.388	1.06	34	27.1	4.61	80.8	53.40	\$176.71	23.2	64	6.0
BX 2192B3XF	329	7	0.360	1.12	36	28.6	4.41	81.7	56.30	\$185.08	27.9	41	4.0
FM 1621GL	322	8	0.374	1.03	33	28.0	4.63	80.1	50.95	\$164.19	20.9	93	6.0
ST 5091B3XF**	322	9	0.354	1.07	34	26.3	4.19	80.8	53.45	\$171.92	26.2	25	4.0
BX 2194B3XF	312	10	0.359	1.06	34	26.9	3.76	79.6	53.00	\$165.59	21.8	71	5.0
FM 1730GLTP**	310	11	0.377	1.09	35	29.8	4.38	81.5	55.15	\$170.82	21.0	82	4.0
ST 5610B3XF	304	12	0.370	1.06	34	29.2	4.47	81.8	53.50	\$162.76	22.4	44	5.0
FM 1830GLT	286	13	0.371	1.08	35	28.3	4.55	80.9	55.05	\$157.68	21.3	40	4.0
DP 2022 B3XF	272	14	0.343	1.07	34	25.9	4.31	81.0	50.55	\$137.70	22.4	70	4.0
ST 4480B3XF	216	15	0.312	1.13	36	29.5	4.16	81.5	56.40	\$121.85	23.8	28	6.0
Test Mean	322		0.359	1.09	35	29.0	4.44	81.7	54.34	\$175.13	23.6	50	4.8

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.  
 \*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# 2020 Parkhill – Crosbyton Irr

Agronomic Solutions Advisor:	<b>Bruce Odom</b>	State:	<b>TX</b>	Planting Date:	<b>5/18/2020</b>	Seeding Rate:	<b>48,000</b>
Phone:	<b>(806) 252-4178</b>	County:	<b>Crosby</b>	Harvest Date:	<b>11/3/2020</b>	Row Spacing:	<b>40</b>
Email:	<a href="mailto:Bruce.odom@basf.com">Bruce.odom@basf.com</a>	City:	<b>Crosbyton</b>	Tillage:	<b>Conventional</b>	Irrigation:	<b>Yes / Drip</b>
		Trial Type:	<b>APT</b>	Soil Texture:	<b>Loam</b>	Yield Environment:	<b>2-3 bale</b>

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 2498GLT	1897	1	0.395	1.18	38	29.8	4.87	84.0	57.10	\$1,083.27			8.0
FM 2398GLTP	1717	2	0.390	1.15	37	29.1	4.49	82.7	56.80	\$975.51	31.6	15	8.0
FM 1621GL	1664	3	0.395	1.14	36	31.1	4.82	83.1	56.85	\$945.86	32.4	28	9.0
BX 2194B3XF	1445	4	0.385	1.17	37	29.0	3.85	82.0	56.85	\$821.66	29.3	17	7.0
ST 4993B3XF**	1422	5	0.415	1.13	36	30.2	4.41	83.5	56.65	\$805.77	28.8	14	5.0
ST 5707B2XF	1389	6	0.344	1.18	38	31.3	4.15	83.6	57.05	\$792.38	26.1	13	6.0
ST 5600B2XF	1370	7	0.381	1.18	38	30.5	4.18	83.5	57.30	\$784.97	29.2	2	6.0
ST 4480B3XF	1360	8	0.362	1.18	38	30.1	4.04	82.3	56.75	\$771.71	29.6	19	7.0
FM 1730GLTP**	1348	9	0.372	1.18	38	32.4	4.33	83.9	57.45	\$774.25	27.8	13	7.0
BX 2116GLTP	1340	10	0.374	1.14	36	29.1	4.07	82.2	56.85	\$761.55	30.9	15	6.0
FM 2202GL	1323	11	0.388	1.12	36	31.8	4.29	83.5	56.90	\$752.91	29.7	34	7.0
FM 1830GLT	1227	12	0.389	1.22	39	31.0	4.07	84.3	57.55	\$706.08	29.9	26	6.0
DP 2022 B3XF	1221	13	0.324	1.15	37	28.8	3.81	82.9	56.35	\$688.23	27.6	15	5.0
ST 4990B3XF	1217	14	0.344	1.17	37	29.9	3.96	83.6	56.95	\$693.35	31.1	7	4.0
BX 2192B3XF	1142	15	0.368	1.21	39	30.4	3.83	82.5	57.20	\$653.33	29.0	10	4.0
ST 5091B3XF**	1133	16	0.370	1.14	36	28.0	3.71	80.9	56.75	\$643.11	31.6	15	5.0
Test Mean	1389		0.375	1.17	37	30.2	4.18	83.0	56.96	\$790.87	29.6	16	6.3



\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF

FM 1730GLTP was tested as BX 2141GLTP

ST 5091B3XF was tested as BX 2191B3XF



# 2020 Streety - Ropesville Irr

Agronomic Solutions Advisor:	Marte Pierce	State:	TX	Planting Date:	5/21/2020	Seeding Rate:	49,000
Phone:	(806) 549-5967	County:	Hockley	Harvest Date:	11/5/2020	Row Spacing:	40
Email:	<a href="mailto:Marte.pierce@basf.com">Marte.pierce@basf.com</a>	City:	Ropesville	Tillage:	Minimum	Irrigation:	Yes
		Trial Type:	APT	Soil Texture:	Sandy Loam	Yield Environment:	2-3 bale

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 2498GLT	1440	1	0.377	1.15	37	29.4	4.93	82.8	56.80	\$817.97	24.6	7	9.0
ST 4993B3XF**	1418	2	0.413	1.12	36	30.7	4.58	83.2	56.65	\$803.56	30.5	0	8.0
FM 1621GL	1312	3	0.361	1.12	36	31.1	4.54	83.1	54.85	\$719.88	22.0	9	9.0
ST 5707B2XF	1245	4	0.344	1.18	38	32.7	4.60	83.8	57.45	\$715.18	24.3	7	7.0
BX 2194B3XF	1205	5	0.341	1.18	38	29.2	3.52	82.4	54.60	\$658.18	21.0	10	8.0
BX 2116GLTP	1205	6	0.344	1.14	36	29.4	3.87	82.8	56.85	\$684.78	21.8	2	8.0
FM 1730GLTP**	1202	7	0.345	1.18	38	31.8	4.31	84.2	57.50	\$691.30	21.7	23	7.0
ST 5600B2XF	1188	8	0.358	1.16	37	29.0	4.35	82.7	56.35	\$669.20	25.2	2	8.0
ST 5091B3XF**	1168	9	0.352	1.13	36	27.5	3.58	80.8	56.25	\$656.82	30.5	6	8.0
ST 4990B3XF	1162	10	0.335	1.18	38	29.8	3.96	83.0	57.10	\$663.39	24.7	9	8.0
FM 1830GLT	1156	11	0.363	1.16	37	29.9	3.75	82.1	56.85	\$656.91	20.0	14	8.0
FM 2202GL	1154	12	0.357	1.11	36	31.2	4.01	82.8	56.15	\$648.17	25.6	19	8.0
ST 4480B3XF	1023	13	0.332	1.20	38	30.9	4.09	82.7	57.20	\$585.42	23.3	5	9.0
BX 2192B3XF	993	14	0.317	1.21	39	30.0	3.53	81.4	57.15	\$567.59	27.1	11	8.0
Test Mean	1205		0.353	1.16	37	30.2	4.12	82.7	56.55	\$681.31	24.5	9	8.1

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF  
 FM 1730GLTP was tested as BX 2141GLTP  
 ST 5091B3XF was tested as BX 2191B3XF



# FiberMax Variety Summary

FiberMax<sup>®</sup>  
cotton

**APT**  
Agronomic  
Performance Trial

**BASF**  
We create chemistry

FiberMax<sup>®</sup>  
cotton

# 2020 SHP FiberMax Summary

## Average of 12 APT trials on the SHP

N = 12

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 2398GLTP	1035	1	0.388	1.11	36	28.9	4.61	82.0	55.37	\$578.87	22.0	53	5.8
FM 1621GL	1010	2	0.372	1.10	35	29.4	4.53	81.2	52.59	\$540.54	22.6	65	7.1
FM 2202GL	962	3	0.372	1.09	35	31.3	4.25	82.3	54.08	\$526.40	23.0	60	4.7
FM 1730GLTP**	901	4	0.362	1.13	36	30.8	4.36	82.2	55.83	\$509.46	21.3	65	4.2
FM 1830GLT	878	5	0.373	1.14	37	29.7	4.34	81.7	55.84	\$492.49	23.3	48	3.9

## Average of 5 APT trials on the SHP

N = 5

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
FM 1621GL	1351	1	0.378	1.13	36	30.5	4.69	82.2	54.58	\$741.26	25.0	62	7.6
FM 2498GLT***	1336	2	0.377	1.15	37	29.5	4.77	82.6	56.48	\$757.68	22.5	51	5.8
FM 2398GLTP	1334	3	0.388	1.14	36	29.9	4.65	82.4	56.32	\$751.38	24.3	53	5.4
FM 2202GL	1216	4	0.377	1.12	36	31.6	4.29	82.8	56.17	\$685.74	24.2	62	3.8
FM 1730GLTP**	1131	5	0.355	1.17	37	31.8	4.35	82.8	56.80	\$643.35	23.8	61	4.4
FM 1830GLT	1080	6	0.371	1.17	37	30.6	4.33	82.4	57.14	\$617.09	24.9	49	3.6

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

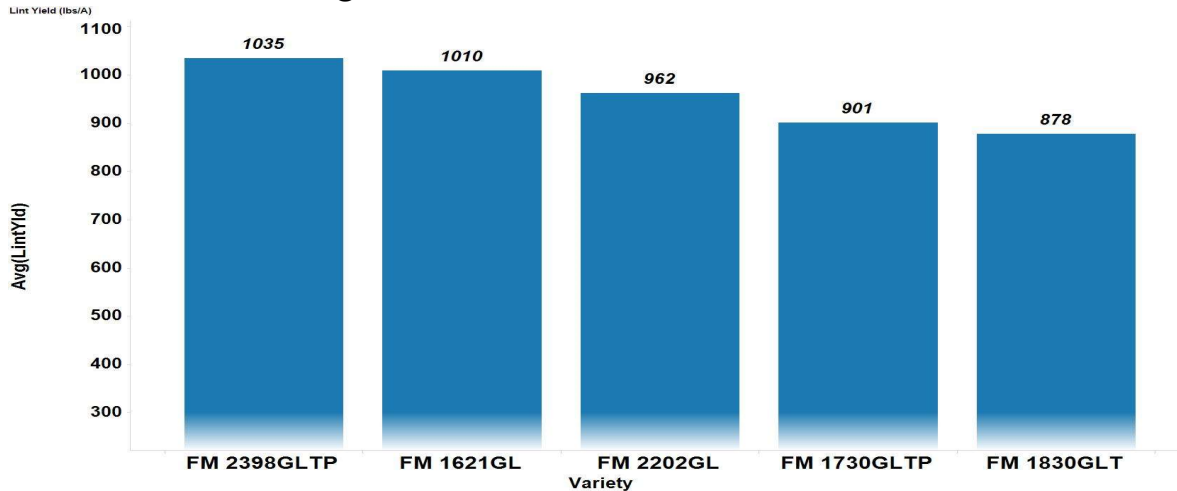
\*\* FM 1730GLTP was tested as BX 2141GLTP

\*\*\* Did not have FM 2498GLT in as many locations as FM 2398GLTP



# 2020 SHP FiberMax Summary

Average Lint Yield Across 12 Locations



## Locations included in 12 location summary

Adkins – Estacado Irr	Brown – Morton Limited
Billings – Seagraves Limited	Dorsett – Wolfforth Dry
Billings – Seagraves Irr	Dorsett – Wolfforth Limited
Breeding Lubbock Limited	Heinrich – Lynn Co. Irr
Breeding – Lubbock Irr	Parkhill – Crosbyton Dry
Brown – Lamesa Irr	Parkhill – Crosbyton Irr

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# 2020 SHP FiberMax Summary

Average Value/Acre and Loan Value Across 12 Locations



Internal



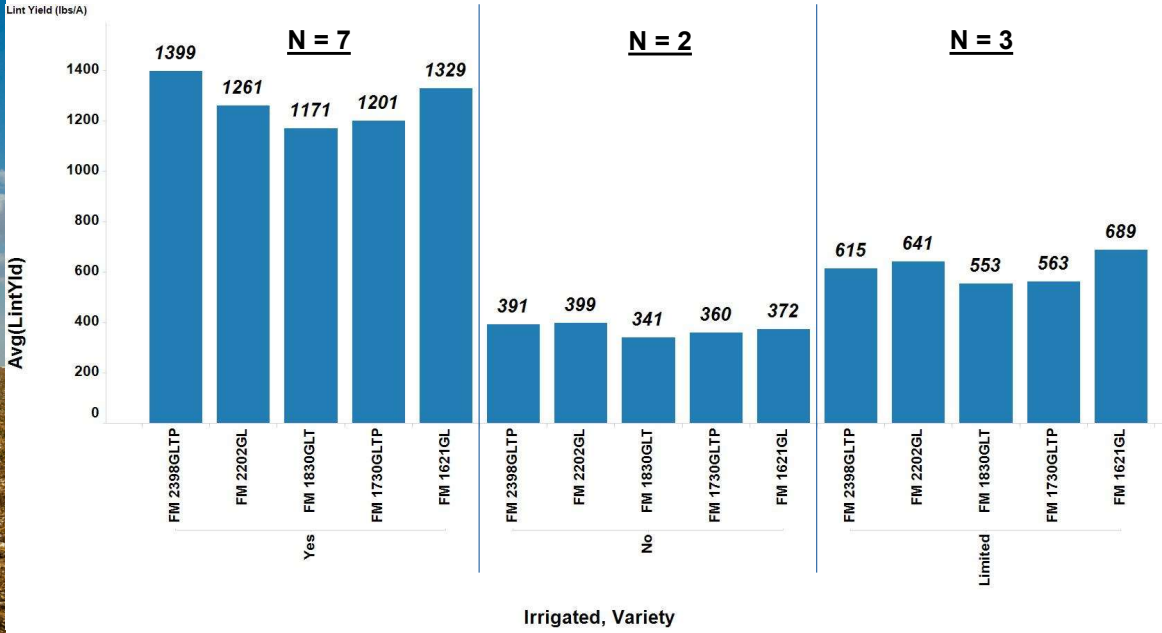




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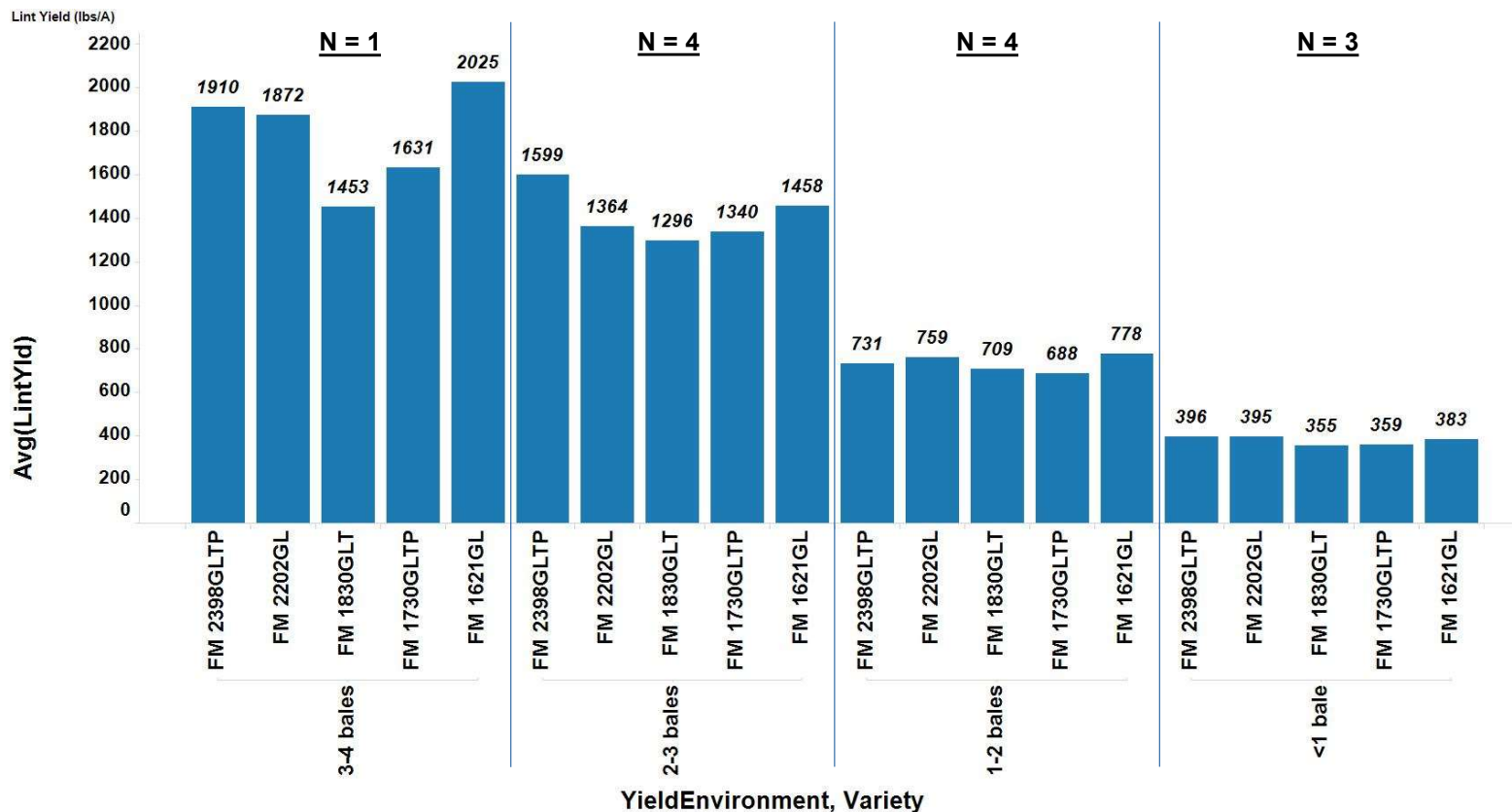
# 2020 SHP FiberMax Summary

Average Lint Yield by Irrigation Treatments Across 12 Locations

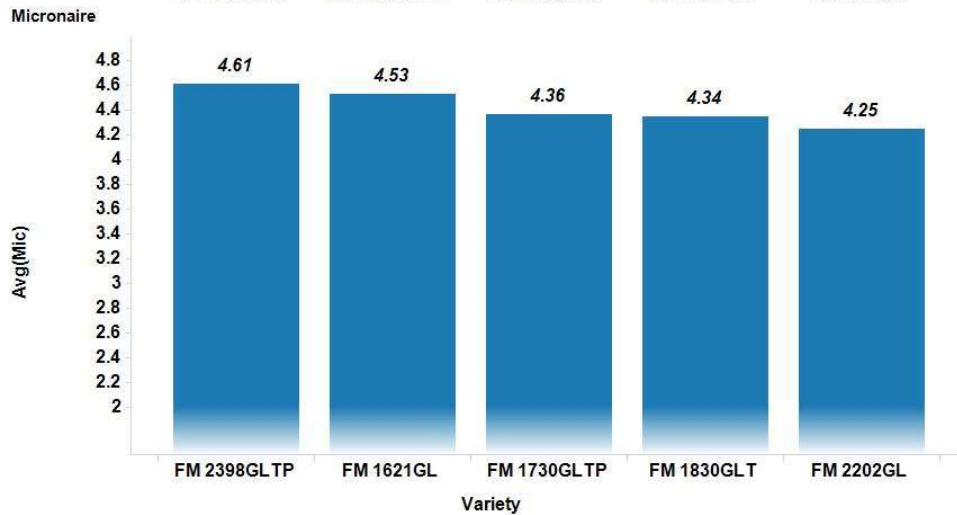
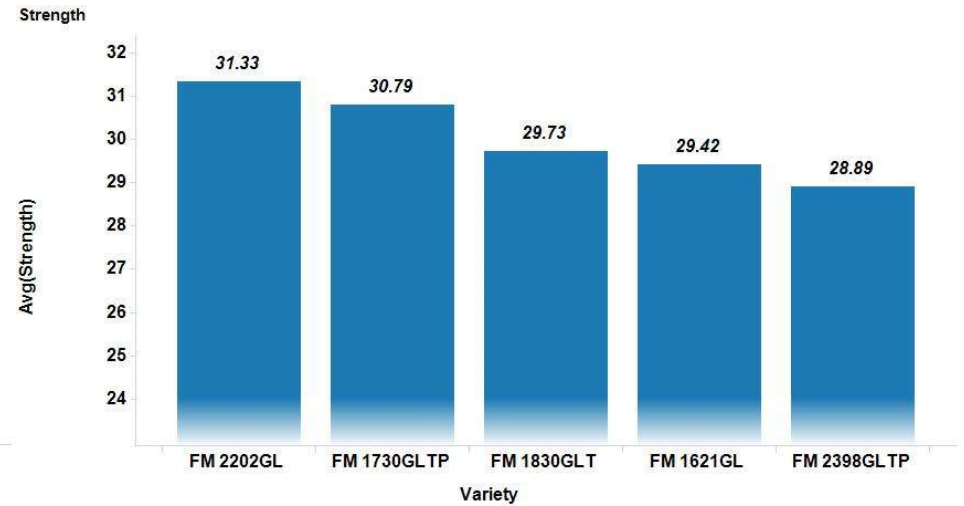
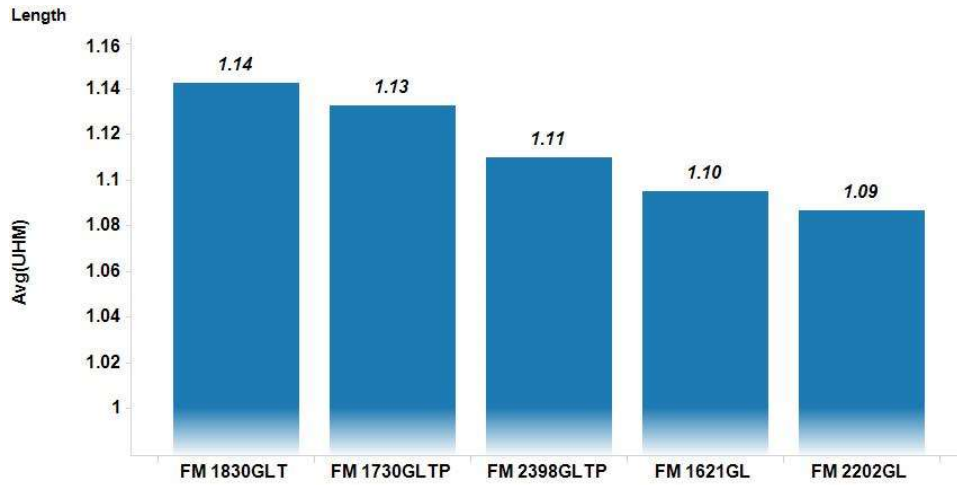


# 2020 SHP FiberMax Summary

Average Yield by Yield Environment Across 12 Locations



# 2020 SHP FiberMax Summary



Internal



# Stoneville Variety Summary



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# 2020 SHP Stoneville Summary

Average of 10 APT trials on the SHP\*\*

N = 10

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF***	1098	1	0.402	1.11	36	31.2	4.61	83.1	55.58	\$617.28	23.0	43	6.3
ST 5707B2XF	1021	2	0.345	1.14	36	32.0	4.55	82.9	56.25	\$578.25	25.5	31	4.8
ST 5610B3XF	1017	3	0.380	1.13	36	29.8	4.15	82.6	56.23	\$576.86	24.7	36	5.1
ST 5600B2XF	993	4	0.366	1.14	36	31.1	4.50	83.0	56.50	\$563.77	24.8	28	5.1
ST 4990B3XF	946	5	0.359	1.16	37	29.3	4.40	83.0	56.66	\$537.11	22.5	40	3.7
ST 4480B3XF	846	6	0.341	1.16	37	30.2	4.18	81.9	56.76	\$482.40	22.7	54	6.2

\*\*ST 4480B3XF and ST 5610B3XF were not tested in every location

Average of 18 APT trials on the SHP

N = 18

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF***	1199	1	0.406	1.11	36	30.9	4.62	83.0	55.56	\$673.72	24.5	40	6.3
ST 5600B2XF	1076	2	0.367	1.13	36	30.6	4.46	82.7	55.46	\$601.27	25.8	23	5.4
ST 5707B2XF	1074	3	0.345	1.13	36	31.7	4.54	82.7	55.17	\$598.23	26.2	28	4.8
ST 4990B3XF	1012	4	0.355	1.15	37	29.3	4.28	82.8	56.36	\$571.74	24.2	35	3.9

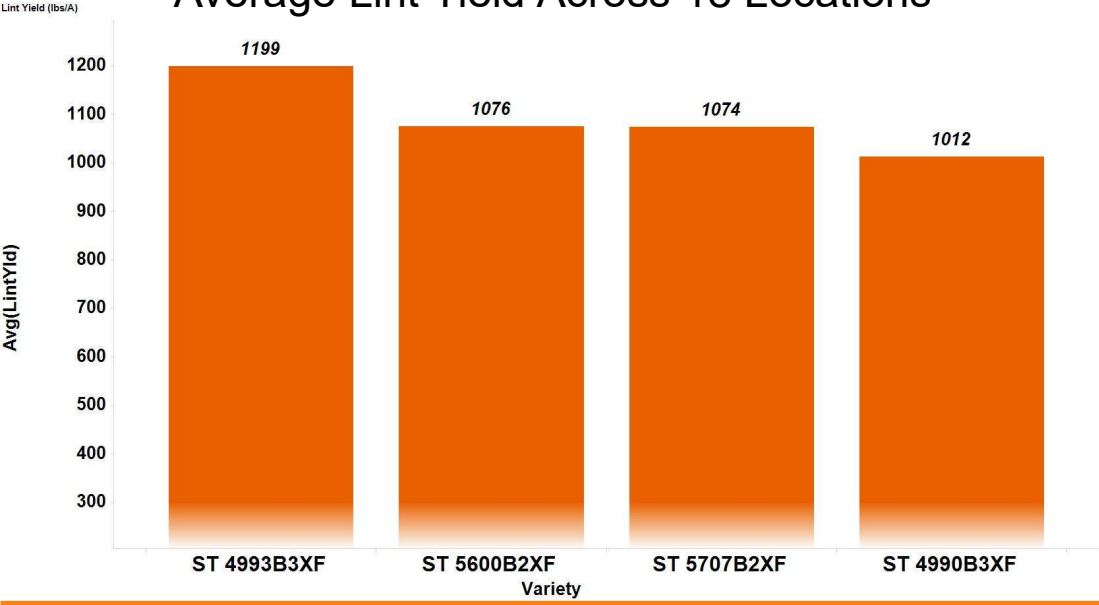
\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\*\* ST 4993B3XF was tested as BX 2193B3XF



# 2020 SHP Stoneville Summary

Average Lint Yield Across 18 Locations



**Locations included in 18 location summary**

Becton – New Deal Irr	Breeding – Lubbock Limited	Heinrich – Lynn Co. Irr
Beseda – Whiteface Irr	Brown – Lamesa Irr	Lowe – Lovington Irr
Billings – Seagraves Irr	Brown – Morton Limited	Martin – Brownfield Irr
Billings – Seagrave Limited	Dill – Wellman Irr	Parkhill – Crosbyton Irr
Braden – Coyanosa Irr	Dorsett – Wolfforth Limited	Parkhill – Crosbyton Dry
Breeding – Lubbock Irr	Dorsett – Wolfforth Dry	Streety – Ropesville Irr

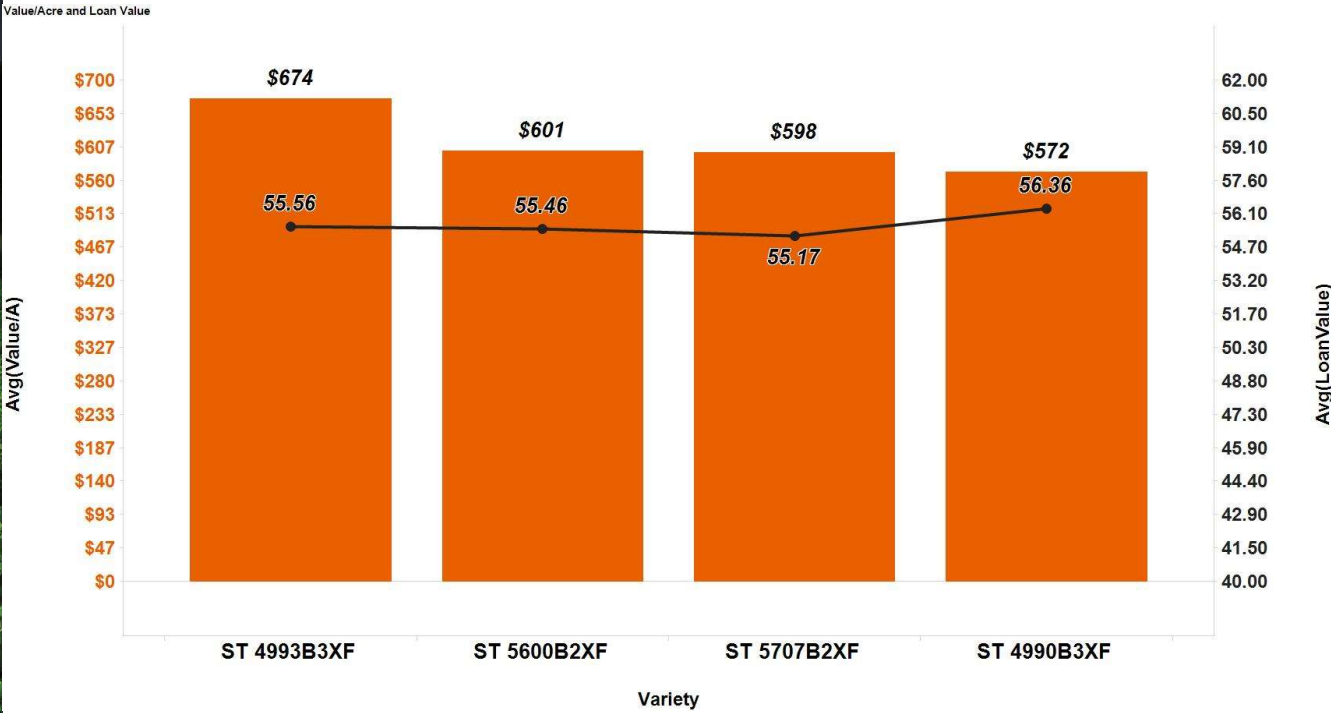
Internal





# 2020 SHP Stoneville Summary

Average Value/Acre and Loan Value Across 18 Locations



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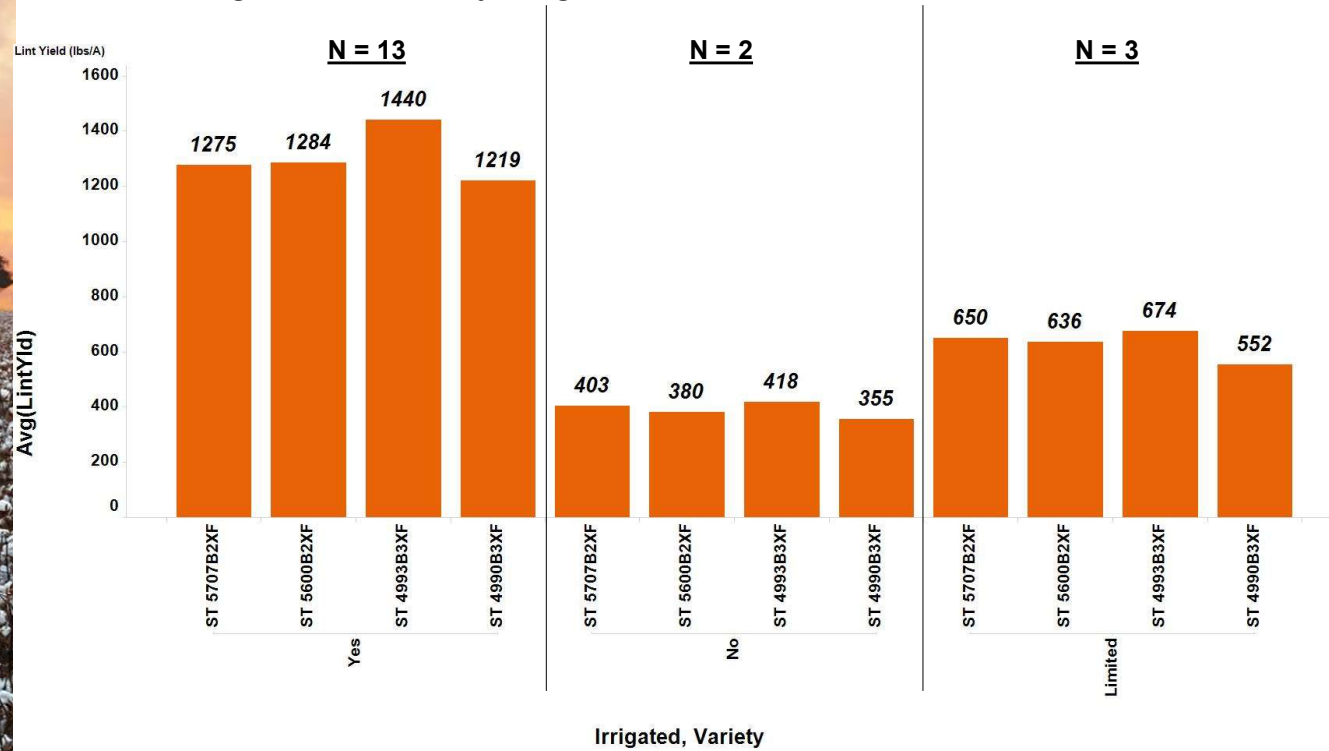




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# 2020 SHP Stoneville Summary

Average Lint Yield by Irrigation Treatments Across 18 Locations

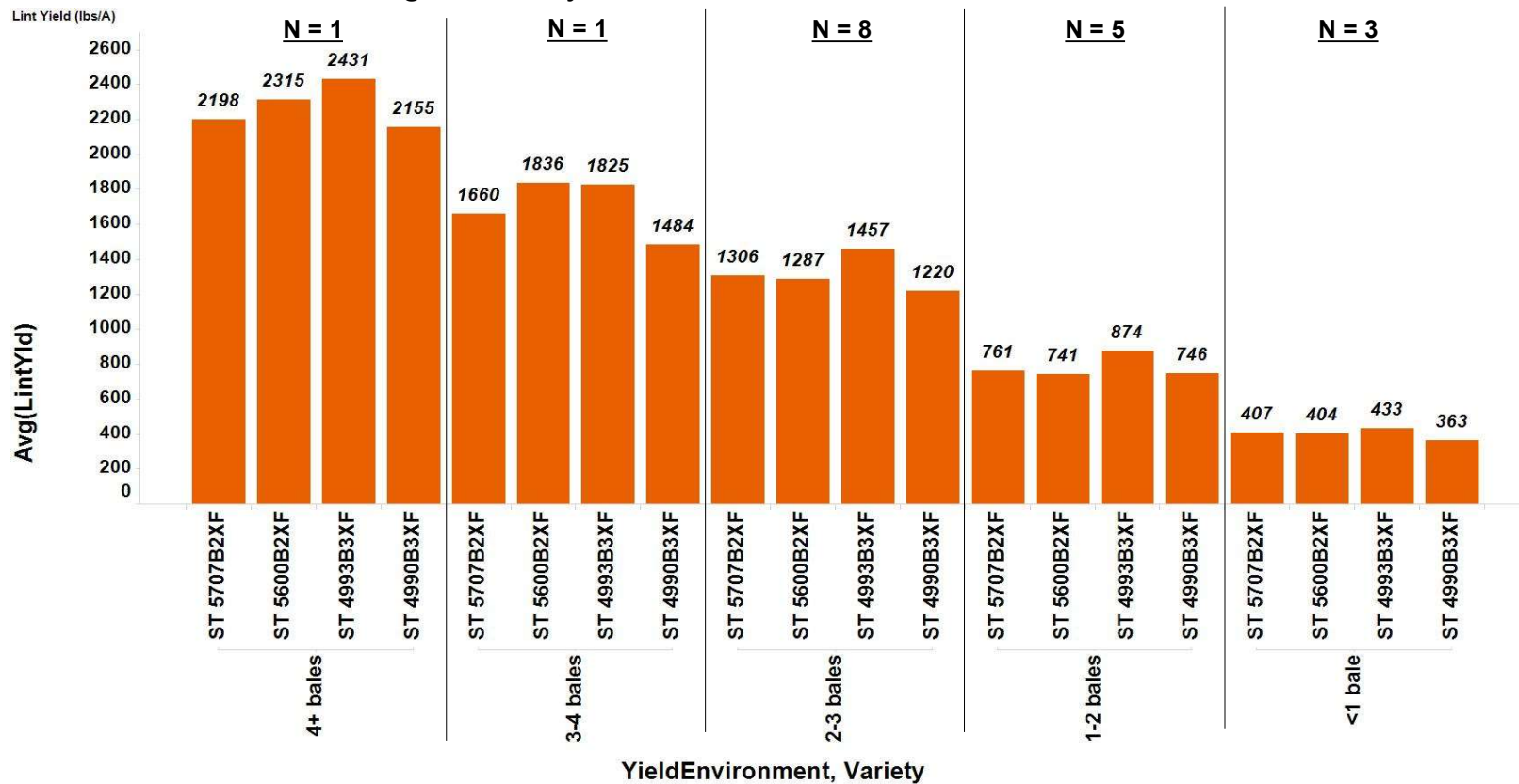


Internal



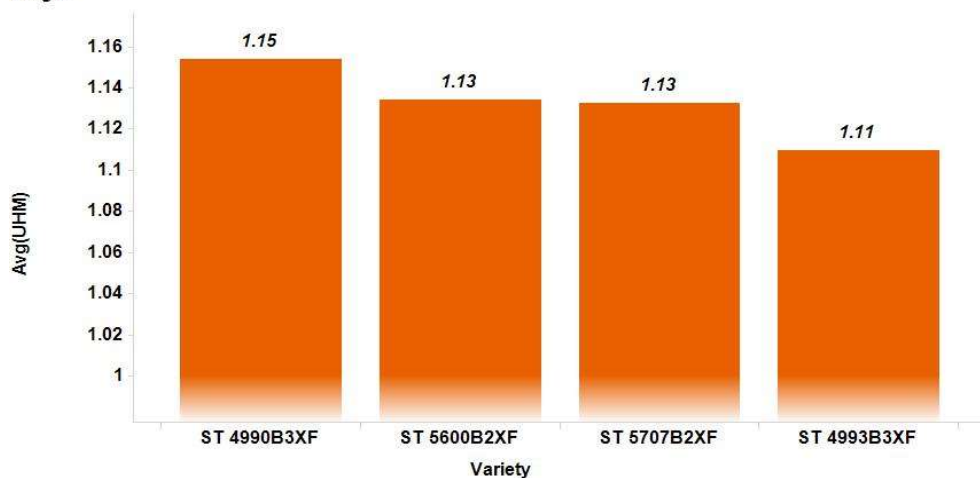
# 2020 SHP Stoneville Summary

Average Yield by Yield Environment Across 18 Locations

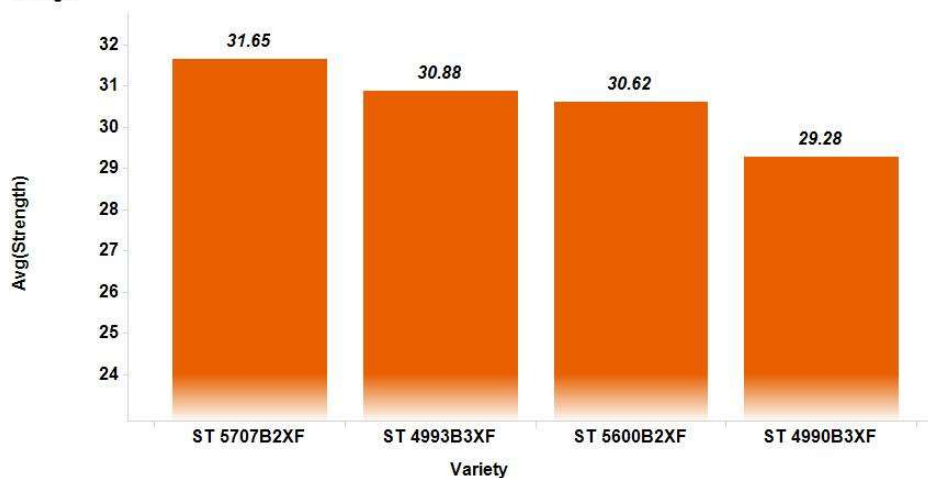


# 2020 SHP Stoneville Summary

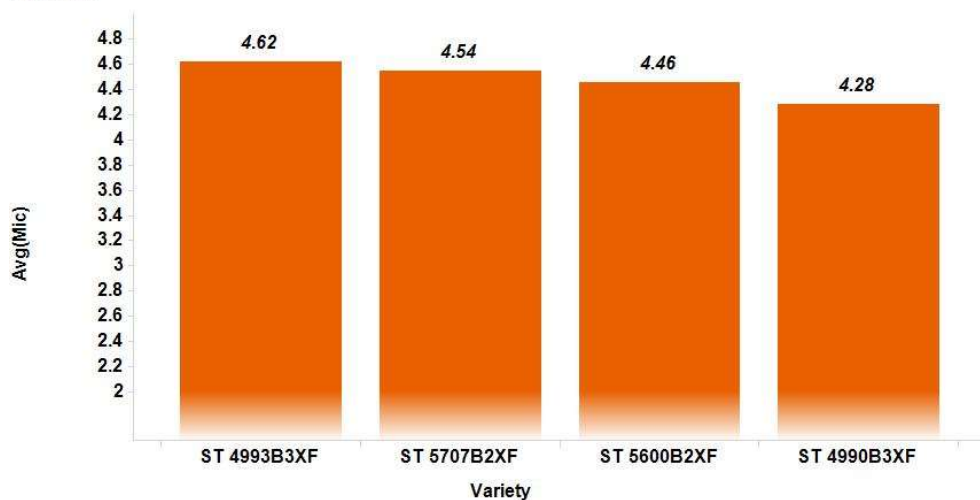
Length



Strength



Micronaire





# 2020 Combined FiberMax and Stoneville Summary

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cotton

Stoneville



# 2020 SHP Variety Summary

Average of 11 APT trials on the SHP

N = 11

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF**	994	1	0.404	1.10	35	30.6	4.61	82.6	55.10	\$556.33	23.2	40	5.7
FM 2398GLTP	983	2	0.388	1.11	36	28.8	4.57	81.9	55.43	\$551.90	21.4	53	5.8
FM 1621GL	974	3	0.371	1.09	35	29.3	4.52	81.2	52.41	\$520.02	22.2	65	7.1
FM 2202GL	927	4	0.373	1.08	35	31.3	4.22	82.2	53.95	\$505.96	22.4	60	4.9
ST 5600B2XF	912	5	0.366	1.13	36	30.5	4.46	82.6	54.58	\$500.94	24.9	26	4.8
ST 5707B2XF	883	6	0.345	1.12	36	31.3	4.53	82.2	54.19	\$485.14	25.5	31	4.0
FM 1730GLTP**	861	7	0.363	1.13	36	30.6	4.33	82.2	55.75	\$486.46	20.8	65	4.2
FM 1830GLT	827	8	0.374	1.14	36	29.6	4.33	81.7	55.73	\$462.42	22.8	46	4.0
ST 4990B3XF	812	9	0.352	1.15	37	29.1	4.20	82.6	55.99	\$454.60	23.2	32	2.8

\*Storm Tolerance Rating Scale: 9 very storm-tolerant; 0 very loose.

\*\* ST 4993B3XF was tested as BX 2193B3XF

FM 1730GLTP was tested as BX 2141GLTP

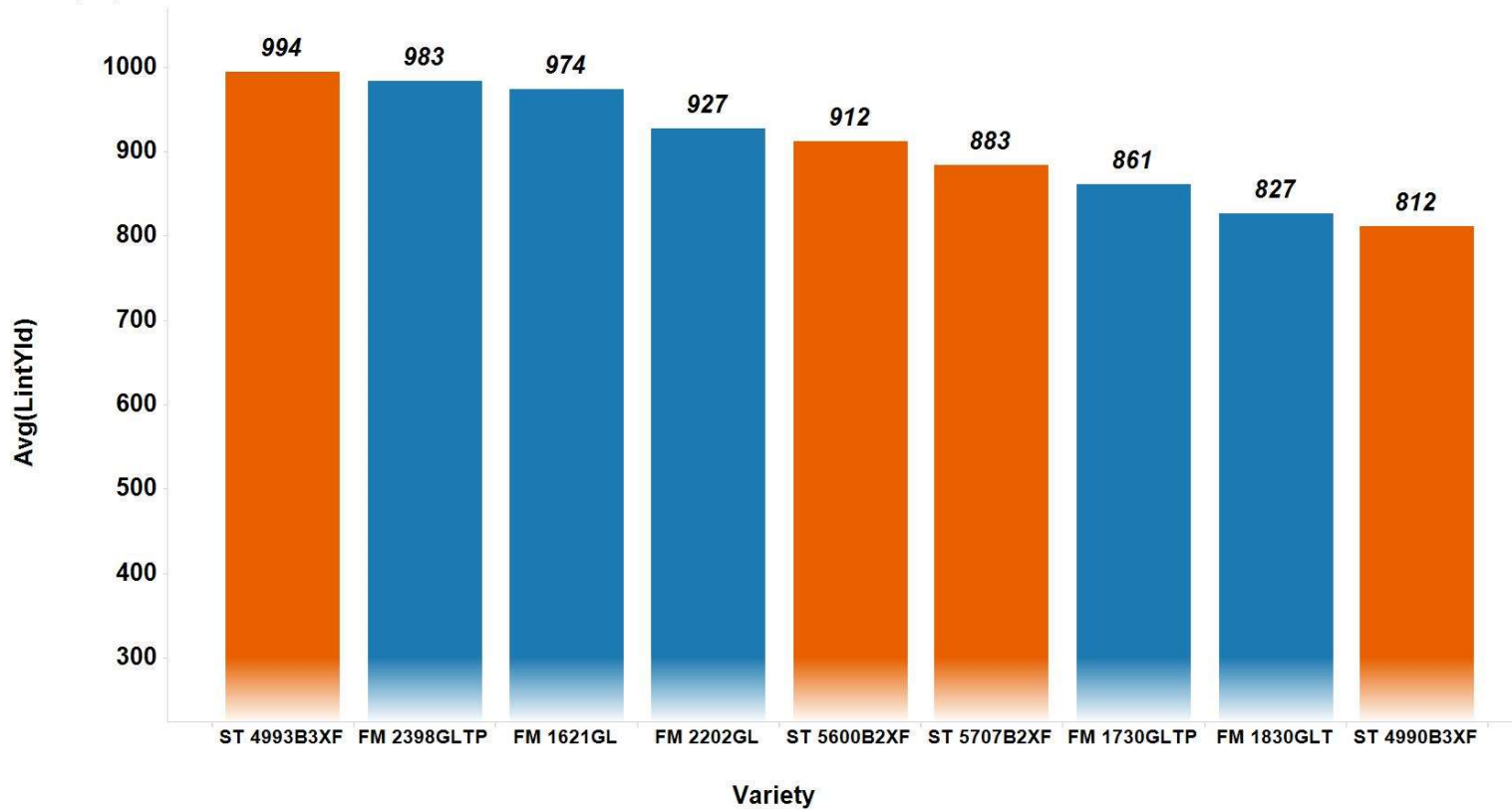




# 2020 SHP Variety Summary

Yield Average of 11 APT trials on the SHP

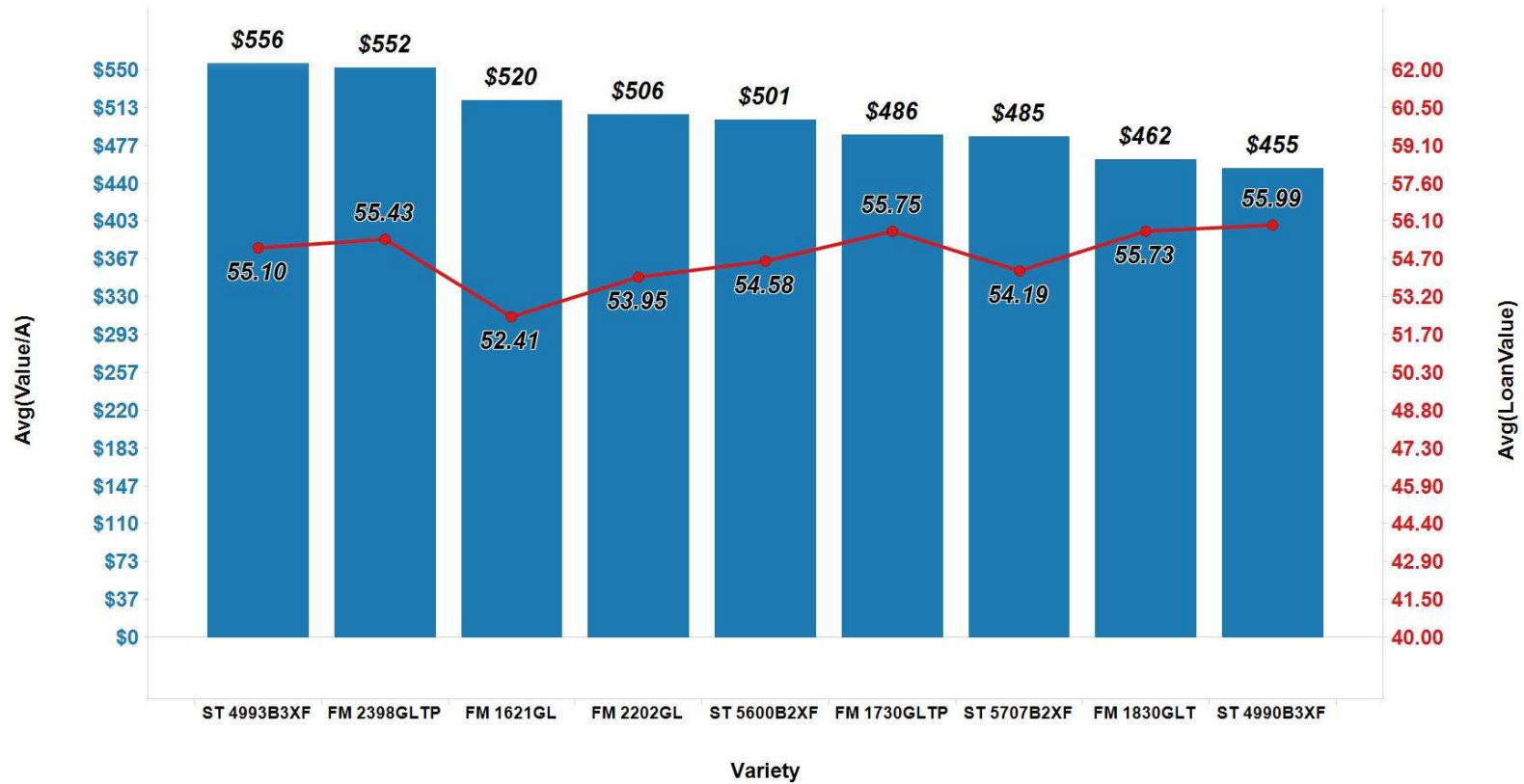
Lint Yield (lbs/A)



# 2020 SHP Variety Summary

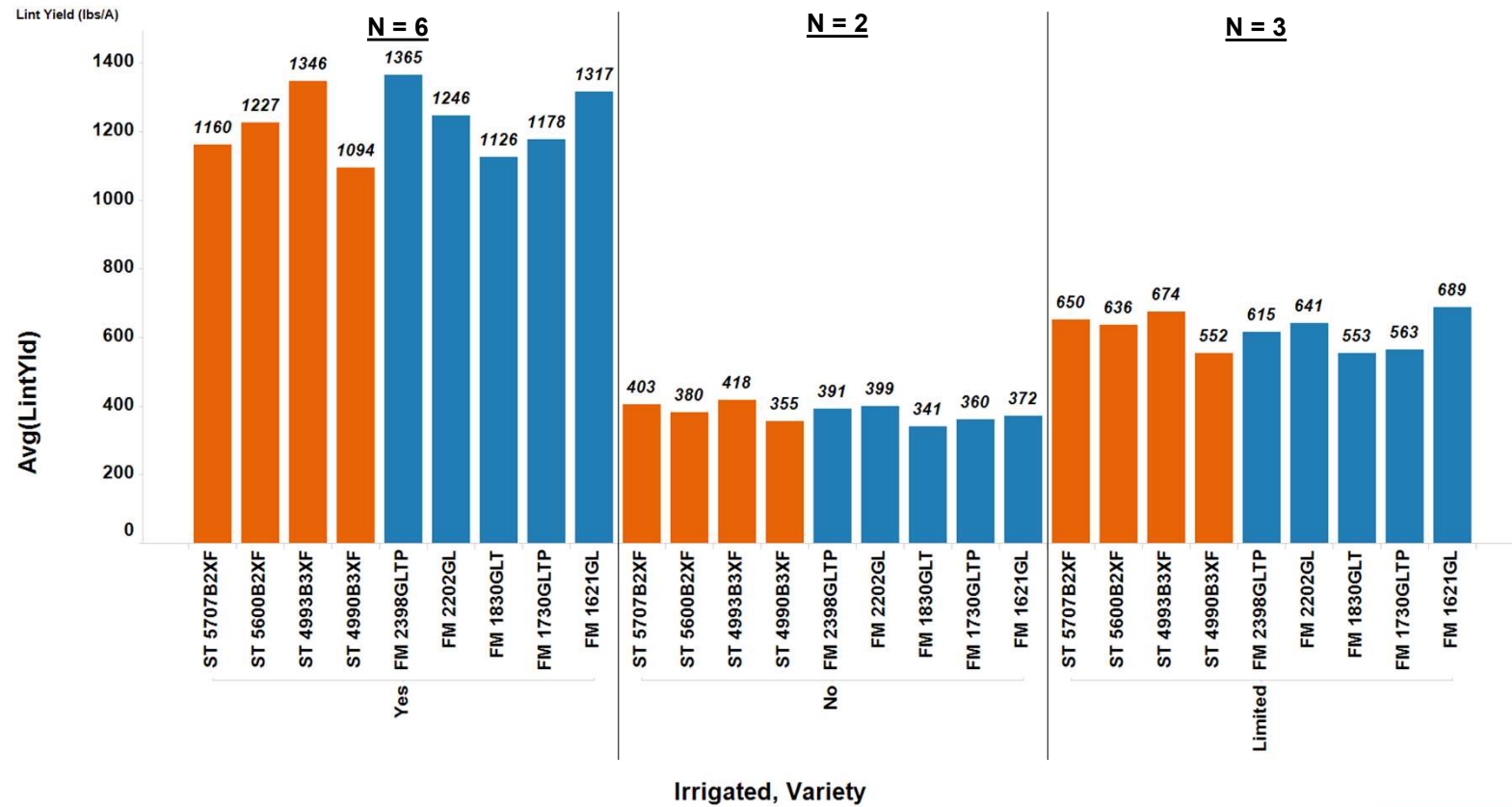
Value/Acre and Loan Value Average of 11 APT trials on the SHP

Value/Acre and Loan Value



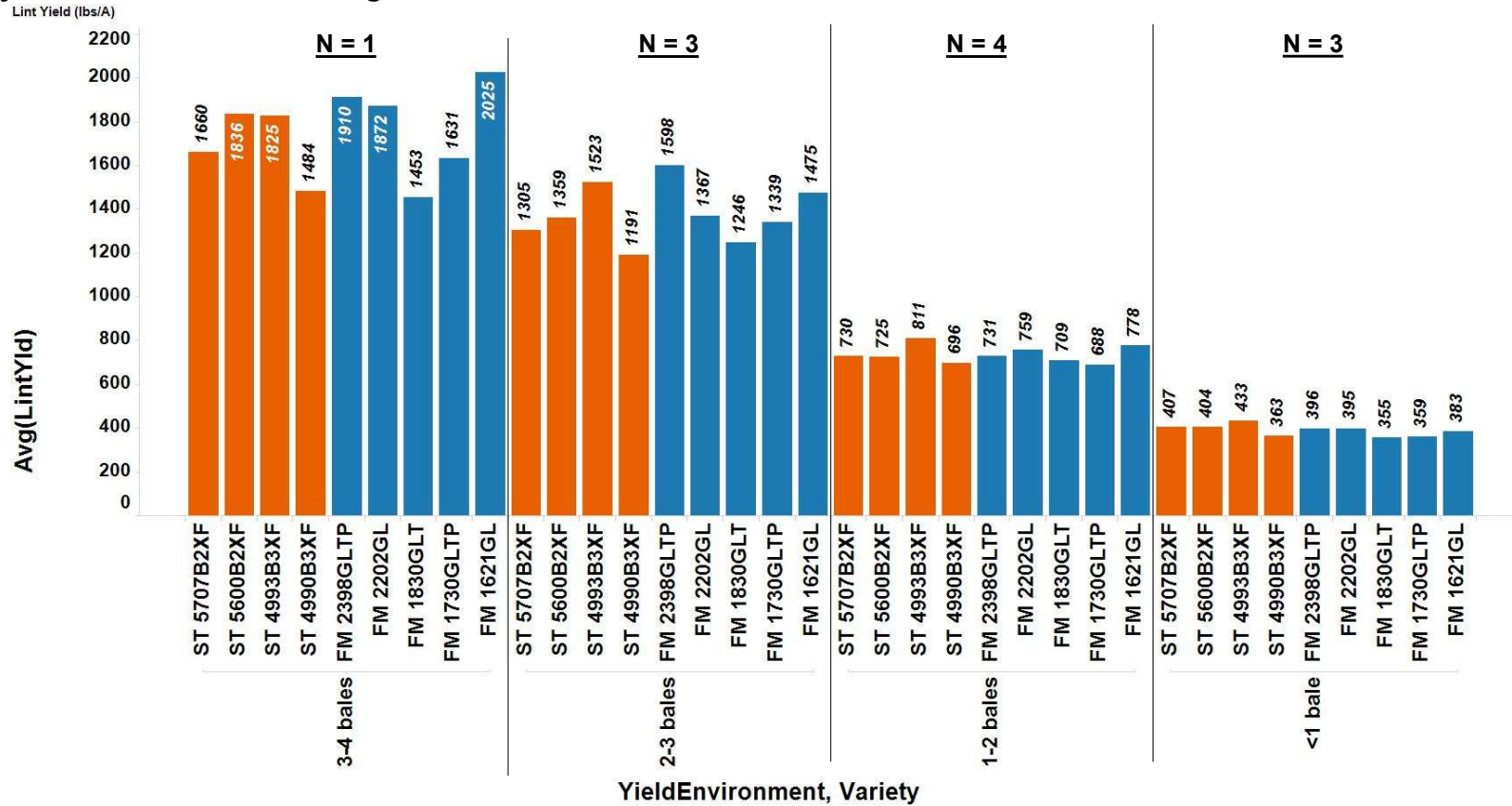
# 2020 SHP Variety Summary

Lint Yield by Irrigation Average of 11 APT trials on the SHP



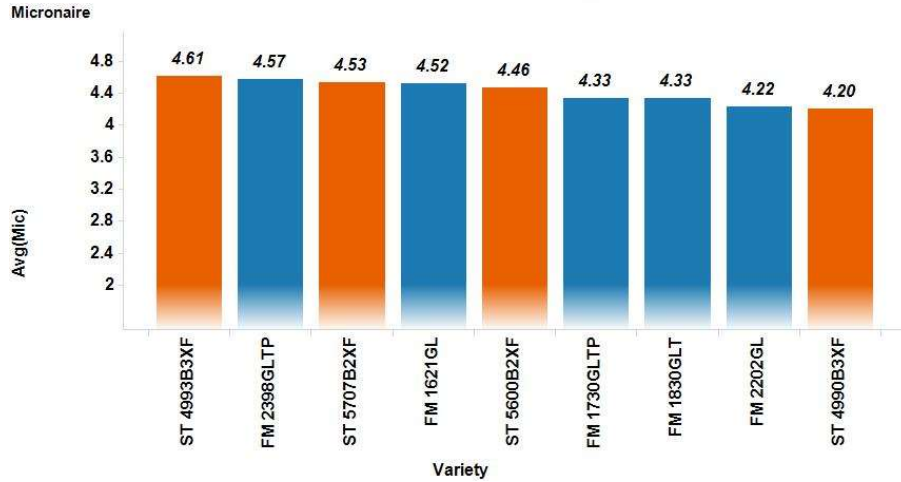
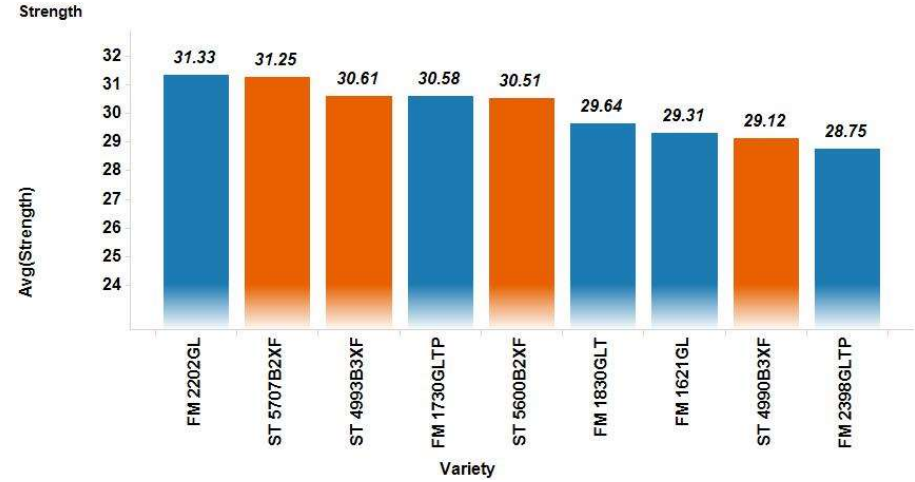
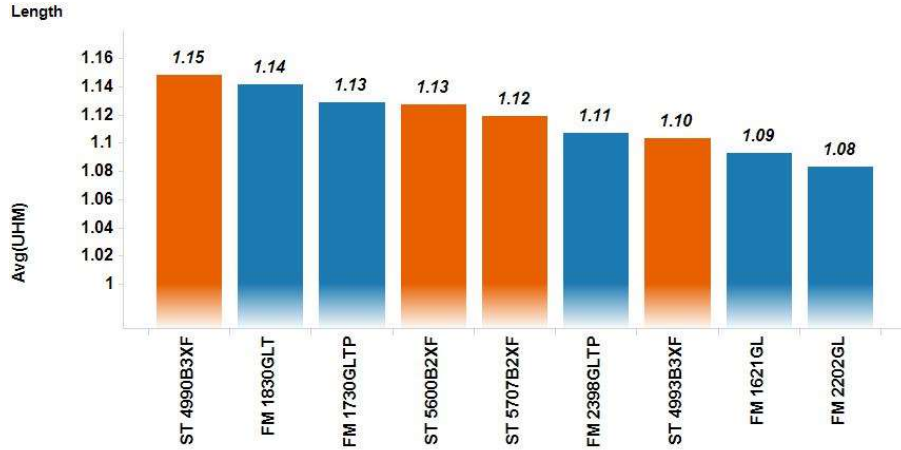
# 2020 SHP Variety Summary

Lint Yield by Yield Environment Average of 11 APT trials on the SHP



# 2020 SHP Variety Summary

Fiber Properties Average of 11 APT trials on the SHP



Internal



# 2020 AgCares Water X Variety Trial

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# 2020 AgCares Water X Variety Trial

## Rainfall and Irrigation Totals

Level	Pre	SQ	BL	MAT	Total
High	6.39	5.66	8.60	3.80	24.46
Base	6.38	5.35	6.98	3.18	21.89
Low	6.38	4.74	5.02	2.40	18.54
Dry	3.87	0.37	1.49	0.98	6.71

## ANOVA for yield

Source	DF	Sum of Squares	F Ratio	Prob > F
Variety	12	804960	3.0971	0.0009*
Treatment	3	25657120	394.8671	<.0001*
Variety * Treatment	36	1243525	1.5948	0.0356*



# 2020 AgCares Water X Variety Trial

## Yield and Value

### Treatment Means

Irrigation	Yield	GTO	Loan Value	Value/Acre
High	1220	.395	55.75	\$678.92
Base	1098	.397	56.48	\$620.14
Low	591	.403	54.60	\$323.20
Dry	208	.396	50.14	\$104.20

### Varietal Means

Variety	Yield	GTO*	Loan Value*	Value/Acre
BX 2194B3XF	864	.399	53.56	\$475.77
ST 5600B2XF	862	.404	54.40	\$475.82
FM 1621GL	842	.398	52.14	\$453.63
BX 2192B3XF	833	.400	55.63	\$471.94
ST 5091B3XF	819	.415	52.24	\$445.52
FM 2202GL	800	.402	54.69	\$447.15
FM 2398GLTP	784	.408	54.21	\$434.21
ST 4993B3XF	778	.430	53.58	\$424.79
ST 5707B2XF	765	.379	54.20	\$417.85
FM 1730GLTP	741	.389	55.50	\$419.27
ST 4990B3XF	639	.385	56.39	\$362.48
ST 4480B3XF	628	.365	54.38	\$350.95
Irrigation	0.0009	-	-	<.0001
Variety	<.0001	-	-	0.0034
I * V	0.0356	-	-	0.0403

\* Combined samples from each rep for ginning. Applied the average of 3 reps for each treatment for each variety to calculate yield.

# 2020 AgCares Water X Variety Trial

## Fiber Properties\*

### Treatment Means

Irrigation	Mic	Length	Strength	Uniformity
High	4.67	1.16	31.68	82.52
Base	4.67	1.16	31.81	82.90
Low	4.58	1.10	29.27	80.80
Dry	4.57	1.04	26.99	80.23

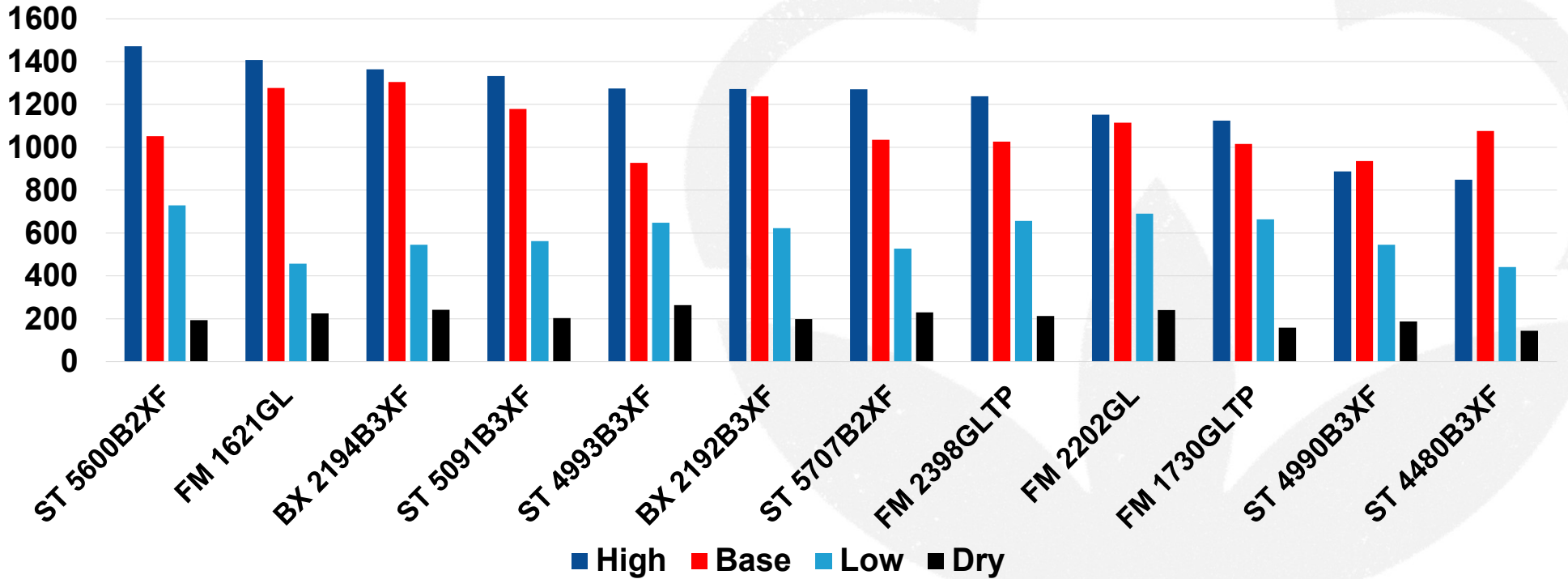
### Varietal Means

Variety	Mic	Length	Strength	Uniformity
BX 2194B3XF	3.97	1.12	28.43	80.85
ST 5600B2XF	5.06	1.12	31.08	82.40
FM 1621GL	4.71	1.09	29.73	81.08
BX 2192B3XF	4.45	1.15	29.03	80.63
ST 5091B3XF	4.63	1.08	26.75	80.28
FM 2202GL	4.52	1.09	32.10	82.53
FM 2398GLTP	4.82	1.12	29.70	81.85
ST 4993B3XF	4.95	1.08	31.08	82.25
ST 5707B2XF	4.99	1.13	32.13	82.65
FM 1730GLTP	4.52	1.13	31.65	82.40
ST 4990B3XF	4.61	1.14	29.30	82.18
ST 4480B3XF	4.24	1.13	28.28	80.25

\* Combined samples from each rep for ginning. Applied the average of 3 reps for each treatment for each variety to calculate for fiber properties

# 2020 AgCares Water X Variety Trial

## Yield by Irrigation Treatment\*



■ High ■ Base ■ Low ■ Dry

\*Sorted by high irrigation level from highest yield to lowest yield

Statistics	
Irrigation	0.0009
Variety	<.0001
Irrigation X Variety	0.0356

Internal

# 2020 AgCares Water X Variety Trial

## High Irrigation Data

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 5600B2XF	1471	1	0.412	1.14	36	32.5	5.01	82.7	54.85	\$843.93	30.1	32	7.0
FM 1621GL	1407	2	0.396	1.16	37	32.9	4.74	83.1	55.10	\$971.45	27.1	58	7.3
BX 2194B3XF	1364	3	0.394	1.16	37	29.9	3.97	81.6	54.65	\$830.06	28.9	41	7.7
ST 5091B3XF	1332	4	0.415	1.12	36	28.7	4.59	80.8	56.25	\$981.26	31.0	51	6.7
ST 4993B3XF	1274	5	0.425	1.12	36	32.0	5.03	82.8	54.40	\$647.42	27.3	70	7.3
BX 2192B3XF	1271	6	0.393	1.18	38	31.0	4.38	81.4	57.00	\$837.48	32.0	45	6.3
ST 5707B2XF	1271	7	0.378	1.18	38	34.6	5.10	83.7	54.45	\$735.28	33.3	49	7.3
FM 2398GLTP	1238	8	0.408	1.16	37	31.6	5.08	82.9	54.50	\$807.90	26.0	73	7.0
FM 2202GL	1152	9	0.394	1.14	36	33.2	4.64	82.7	56.90	\$621.88	23.7	55	6.7
FM 1730GLTP	1124	10	0.377	1.18	38	34.2	4.66	84.3	57.20	\$673.96	25.2	63	6.3
ST 4990B3XF	887	11	0.386	1.18	38	30.2	4.59	83.1	57.25	\$428.21	25.5	62	6.7
ST 4480B3XF	849	12	0.363	1.16	37	29.3	4.26	81.1	56.50	\$607.96	26.8	66	7.3
TEST MEAN	1220		0.395	1.16	37	31.7	4.67	82.5	55.75	\$748.90	28.1	55	7.0

# 2020 AgCares Water X Variety Trial

## Base Irrigation Data

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
BX 2194B3XF	1304	1	0.398	1.19	38	30.9	3.83	82.6	57.20	\$521.24	26.0	37	7.0
FM 1621GL	1277	2	0.397	1.15	37	33.0	4.86	82.6	55.05	\$790.82	25.4	64	7.0
BX 2192B3XF	1238	3	0.399	1.20	38	31.4	4.47	81.7	57.35	\$714.76	28.5	54	5.7
ST 5091B3XF	1179	4	0.419	1.10	35	28.1	4.69	81.1	55.10	\$618.06	28.9	62	5.3
FM 2202GL	1115	5	0.402	1.13	36	32.6	4.55	84.1	56.45	\$536.89	23.6	46	6.0
ST 4480B3XF	1076	6	0.363	1.19	38	31.5	4.34	81.7	56.65	\$554.92	23.6	59	6.7
ST 5600B2XF	1052	7	0.400	1.14	36	31.4	4.93	82.9	57.20	\$551.91	27.2	33	6.0
ST 5707B2XF	1035	8	0.373	1.17	37	33.2	5.10	84.4	54.70	\$646.46	32.1	34	7.0
FM 2398GLTP	1027	9	0.408	1.17	37	32.7	4.98	83.9	57.30	\$510.51	24.4	62	7.0
FM 1730GLTP	1016	10	0.392	1.17	37	34.0	4.75	83.3	57.00	\$528.78	25.4	71	6.0
ST 4990B3XF	935	11	0.381	1.18	38	30.8	4.65	83.3	56.90	\$601.27	26.5	48	5.0
ST 4993B3XF	927	12	0.426	1.11	36	32.1	4.84	83.2	56.85	\$405.09	25.4	44	7.7
TEST MEAN	1098		0.397	1.16	37	31.8	4.67	82.9	56.48	\$581.73	26.4	51	6.3

# 2020 AgCares Water X Variety Trial

## Low Irrigation Data

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 5600B2XF	729	1	0.410	1.11	36	30.4	5.24	81.9	54.20	\$376.99	20.4	58	6.0
FM 2202GL	690	2	0.409	1.09	35	33.4	4.44	81.9	55.60	\$431.92	20.5	50	6.3
FM 1730GLTP	663	3	0.394	1.13	36	31.2	4.38	82.0	56.30	\$467.08	19.3	86	6.0
FM 2398GLTP	657	4	0.420	1.11	36	29.2	4.57	80.4	56.30	\$347.27	18.7	86	6.7
ST 4993B3XF	648	5	0.435	1.07	34	31.1	4.93	82.1	53.90	\$402.24	20.9	80	7.0
BX 2192B3XF	622	6	0.410	1.14	36	28.2	4.50	80.2	56.25	\$381.48	22.8	87	6.0
ST 5091B3XF	562	7	0.411	1.08	35	25.9	4.60	80.0	51.55	\$441.05	21.3	67	5.3
BX 2194B3XF	545	8	0.407	1.10	35	27.2	4.10	79.5	54.05	\$350.07	19.4	70	6.7
ST 4990B3XF	545	9	0.392	1.12	36	29.3	4.63	81.5	56.35	\$334.17	19.0	80	5.3
ST 5707B2XF	527	10	0.389	1.13	36	30.9	4.81	81.0	56.10	\$316.28	22.3	72	6.7
FM 1621GL	457	11	0.398	1.04	33	27.0	4.63	79.4	49.35	\$296.47	19.7	79	6.7
ST 4480B3XF	442	12	0.367	1.11	36	27.4	4.10	79.7	55.20	\$235.57	20.9	86	6.7
TEST MEAN	591		0.403	1.10	35	29.3	4.58	80.8	54.60	\$365.05	20.5	75	6.3

# 2020 AgCares Water X Variety Trial

## Dryland Data

Variety	Yield	Yield Rank	Lint %	Length	Staple	Strength	Mic	Unif.	Loan Value	Value / Acre	Plant Ht. (in)	% Open	Storm Tolerance*
ST 4993B3XF	263	1	0.435	1.02	33	29.1	5.00	80.9	49.15	\$139.74	16.0	40	7.0
BX 2194B3XF	242	2	0.395	1.04	33	25.7	3.96	79.7	48.35	\$113.14	16.0	33	7.0
FM 2202GL	241	3	0.402	1.01	32	29.2	4.46	81.4	49.80	\$114.37	14.9	38	5.3
ST 5707B2XF	230	4	0.374	1.04	33	29.8	4.93	81.5	51.55	\$114.28	17.3	23	6.0
FM 1621GL	225	5	0.399	0.99	32	26.0	4.60	79.2	49.05	\$119.82	15.8	67	6.7
FM 2398GLTP	213	6	0.396	1.02	33	25.3	4.66	80.2	48.75	\$102.55	14.7	60	6.3
ST 5091B3XF	203	7	0.414	1.00	32	24.3	4.65	79.2	46.05	\$93.43	18.4	24	6.0
BX 2192B3XF	198	8	0.399	1.08	35	25.5	4.43	79.2	51.90	\$101.58	17.3	36	7.0
ST 5600B2XF	193	9	0.395	1.07	34	30.0	5.06	82.1	51.35	\$74.47	17.6	13	5.3
ST 4990B3XF	187	10	0.382	1.08	35	26.9	4.57	80.8	55.05	\$102.99	16.9	34	5.0
FM 1730GLTP	158	11	0.395	1.02	33	27.2	4.28	80.0	51.50	\$66.45	14.1	82	6.0
ST 4480B3XF	144	12	0.366	1.07	34	24.9	4.26	78.5	49.15	\$44.08	15.9	58	7.0
TEST MEAN	208		0.396	1.04	33	27.0	4.57	80.2	50.14	\$98.91	16.3	42	6.2



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