



COTTON TRIALS NORTH

2017



AGRI-AFC AGRONOMIC SERVICES COTTON VARIETY TRIALS

XTEND COTTON VARIETY TRIALS - DRYLAND

AVERAGE OF FIVE LOCATIONS - CALHOUN, CHEROKEE, JACKSON, LAWRENCE, LIMESTONE

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
DP 1646 B2XF	\$701	1288	39.4%	39.6	3.9	29.7	82.3	2.4	3.4
CROPLAN 3527 B2XF	\$673	1242	40.1%	37.4	4.5	28.6	83.0	2.7	3.8
CROPLAN 9608 B3XF	\$651	1200	40.0%	36.7	4.1	29.8	81.7	3.2	4.2
DP 1614 B2XF	\$657	1209	39.1%	37.6	4.5	29.2	82.6	3.0	3.9
DP 1725 B2XF	\$651	1200	40.0%	36.7	4.1	29.8	81.7	3.2	4.2
DP 1820 B3XF	\$639	1166	38.9%	39.2	4.4	33.2	82.4	3.2	2.7
DP 1851 B3XF	\$620	1134	38.0%	37.4	3.8	32.0	82.6	2.8	3.4
DP 1845 B3XF	\$618	1147	38.3%	40.4	3.7	30.6	82.4	3.0	3.2
DP 1840 B3XF	\$614	1123	37.7%	39.2	3.8	31.2	82.0	3.3	2.9
DPLX 16R353 B3XF	\$580	1059	39.1%	37.6	4.1	32.0	83.0	3.1	4.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best. Samples ginned at the University of Tennessee's Ag Research Center and classed at USDA Classing Office in Memphis, TN. Averages include all trials with listed entries.

COTTON VARIETY TRIALS - IRRIGATED

AVERAGE OF TWO LOCATIONS - COLBERT, MADISON

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
PHY 330 W3FE	\$623	1144	38.8%	36.8	3.7	30.8	82.3	2.8	2.8
PHY 340 W3FE	\$615	1138	37.9%	36.5	3.7	29.5	81.2	2.3	3.0
DP 1646 B2XF	\$569	1080	36.6%	39.4	3.4	29.2	82.0	2.5	3.3
DP 1820 B3XF	\$568	1035	38.6%	37.8	4.0	32.7	81.6	3.5	3.0
DP 1614 B2XF	\$535	983	36.9%	38.1	4.0	28.8	82.2	3.5	3.3
ST 4949 GLT	\$533	1004	39.3%	35.7	4.0	28.5	80.8	2.0	3.3
ST 5020 GLT	\$530	986	33.8%	39.0	3.6	31.9	83.4	1.5	3.5
ST 4848 GLT	\$523	965	36.7%	36.5	3.9	29.6	81.9	2.1	2.5
DP 1725 B2XF	\$522	982	39.0%	36.8	3.7	29.9	81.5	3.3	4.0
ST 5517 GLTP	\$517	953	33.1%	36.3	3.7	30.5	82.1	2.5	3.3
CROPLAN 9608 B3XF	\$510	972	37.8%	36.2	3.5	29.4	81.0	3.0	2.8
DP 1835 B3XF	\$507	952	37.7%	37.0	3.7	30.0	81.3	2.5	2.5
CROPLAN 3527 B2XF	\$507	937	37.8%	36.8	4.2	26.9	81.7	3.4	3.8
PHY 490 W3FE	\$475	898	34.7%	37.1	3.5	32.1	82.3	2.6	3.8
PHY 450 W3FE	\$433	820	33.8%	37.9	3.5	31.6	83.0	2.6	3.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best. Samples ginned at the University of Tennessee's Ag Research Center and classed at USDA Classing Office in Memphis, TN. Averages include all trials with listed entries.

AGRI-AFC AGRONOMIC SERVICES COTTON VARIETY TRIALS

COTTON VARIETY TRIALS - DRYLAND AVERAGE OF TWO LOCATIONS - LAUDERDALE, LIMESTONE

ENTRY	VALUE	LINT	TURNOUT	STAPLE	MICRONAIRE	FIBER	UNIFORMITY	VIGOR	STRINGOUT
	(\$/acre)	YIELD (lbs/acre)		LENGTH (32nds)		STRENGTH (g/tex)			
DP 1646 B2XF	\$725	1331	40.1%	40.5	4.0	30.0	82.8	2.0	3.3
CROPLAN 3527 B2XF	\$709	1323	39.9%	37.8	4.6	30.6	83.2	3.5	3.8
PHY 340 W3FE	\$705	1285	37.6%	37.9	4.4	32.9	83.8	2.0	2.8
PHY 330 W3FE	\$690	1258	37.8%	37.6	4.2	33.0	82.9	1.8	2.8
DP 1820 B3XF	\$684	1246	38.9%	39.7	4.5	34.5	83.2	3.5	2.3
DP 1725 B2XF	\$683	1301	38.2%	37.6	3.9	31.9	82.7	3.3	4.5
ST 4848 GLT	\$672	1228	37.1%	37.4	4.4	31.9	82.7	3.0	3.5
ST 5517 GLTP	\$671	1227	35.4%	38.2	3.9	31.9	81.8	2.5	3.3
ST 4949 GLT	\$668	1233	39.1%	36.5	4.2	29.6	82.6	2.0	3.0
DP 1614 B2XF	\$659	1235	39.2%	37.4	4.8	30.1	82.6	3.3	4.3
PHY 444 WRF	\$625	1178	37.9%	39.0	3.7	30.9	82.6	3.3	2.3
CROPLAN 3885 B2XF	\$623	1147	36.6%	37.1	4.3	28.9	82.9	1.8	3.3
ST 5020 GLT	\$611	1112	34.7%	39.0	4.1	33.7	83.7	1.3	4.3
PHY 490 W3FE	\$607	1109	36.3%	36.6	4.2	32.6	83.5	2.3	3.5
PHY 333 WRF	\$606	1108	36.9%	37.8	4.2	31.9	82.6	2.3	3.0
PHY 450 W3FE	\$599	1103	35.3%	36.0	4.4	32.2	83.6	2.0	2.8

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best. Samples ginned at the University of Tennessee's Ag Research Center and classed at USDA Classing Office in Memphis, TN. Averages include all trials with listed entries.

AGRI-AFC DRYLAND XTEND COTTON VARIETY TRIAL CALHOUN COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
CROPLAN 3527 B2XF	\$635	1172	42.2%	37.1	4.6	28.5	83.6	3.0	3.5
DP 1646 B2XF	\$633	1164	40.5%	39.0	4.1	29.5	82.3	3.0	4.0
DP 1845 B3XF	\$628	1149	41.0%	40.0	3.8	30.8	82.1	3.0	3.5
DP 1725 B2XF	\$596	1100	42.7%	36.5	4.3	30.0	80.8	3.5	4.5
CROPLAN 9608 B3XF	\$591	1089	42.1%	37.1	4.1	29.6	81.1	3.0	4.0
DP 1820 B3XF	\$586	1072	41.2%	38.4	4.6	32.4	81.4	3.5	3.0
DP 1840 B3XF	\$579	1057	39.1%	38.4	3.9	32.1	82.6	3.5	3.0
DP 1614 B2XF	\$573	1059	40.0%	36.8	4.4	28.6	81.8	3.0	4.0
DP 1639 B2XF	\$546	1008	40.5%	35.8	4.6	30.0	81.9	3.0	4.0
CROPLAN 3885 B2XF	\$542	1003	36.5%	35.8	4.4	28.1	83.0	2.0	3.5
DP 1851 B3XF	\$532	973	39.8%	37.1	3.8	31.8	81.6	3.0	2.0
MON 16R353 B3XF	\$490	897	39.7%	37.1	4.1	31.8	82.8	3.5	4.5

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips
Planted: 5/16/17
Harvested: 11/20/17
Seeding Rate: 42,000 seeds/A
Row Spacing: 30" 2 & 1 skip
Soil Series: Dewey loam
Tillage: no-till
Irrigation: none
Previous Crop: cotton
Other:

AGRI-AFC DRYLAND XTEND COTTON VARIETY TRIAL CHEROKEE COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
DP 1646 B2XF	\$649	1185	38.5%	39.7	3.9	31.7	82.9	2.5	3.0
CROPLAN 9608 B3XF	\$621	1149	39.8%	36.2	3.9	29.3	81.3	3.0	4.0
CROPLAN 3885 B2XF	\$611	1131	37.4%	35.8	4.4	29.0	82.7	2.0	3.0
DP 1725 B2XF	\$597	1104	38.5%	35.5	4.0	29.6	81.2	3.0	4.0
CROPLAN 3527 B2XF	\$596	1100	39.0%	36.8	4.5	28.9	83.4	2.5	3.5
DP 1614 B2XF	\$593	1089	38.6%	37.1	4.5	30.7	83.1	3.5	4.0
DP 1820 B3XF	\$574	1047	37.0%	38.4	4.2	34.2	81.8	3.5	2.5
DP 1845 B3XF	\$569	1040	37.1%	39.7	3.5	31.3	82.0	3.5	2.5
DP 1840 B3XF	\$541	989	36.7%	39.0	3.6	32.0	82.5	3.0	2.5
DP 1851 B3XF	\$520	955	34.8%	36.5	3.9	32.3	82.8	3.0	3.0
MON 16R353 B3XF	\$520	955	36.3%	36.5	3.9	31.2	82.9	2.5	3.5

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips, two replications harvested together
Planted: 5/16/17
Harvested: 9/27/17
Seeding Rate: 48,000 seeds/A
Row Spacing: 40"
Soil Series: Holston fine sandy loam
Tillage: no-till
Irrigation: none
Previous Crop: cotton
Other: medium-heavy Root Knot nematode

AGRI-AFC DRYLAND XTEND COTTON VARIETY TRIAL JACKSON COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
DP 1614 B2XF	\$784	1446	38.8%	37.8	4.5	28.4	82.1	2.3	4.0
CROPLAN 3527 B2XF	\$759	1410	39.4%	36.5	4.3	27.6	81.7	2.3	3.5
DP 1646 B2XF	\$758	1391	37.9%	40.0	3.8	29.4	83.1	1.8	3.5
CROPLAN 9608 B3XF	\$718	1319	37.6%	37.1	3.7	30.7	81.8	2.0	4.0
DP 1725 B2XF	\$696	1286	37.6%	37.4	4.0	28.6	81.3	3.0	4.0
DP 1835 B3XF	\$688	1256	38.0%	37.8	4.1	31.9	82.6	2.5	3.0
DP 1851 B3XF	\$674	1235	37.7%	37.1	3.5	31.3	82.4	2.5	4.5
DP 1820 B3XF	\$638	1167	38.8%	39.0	4.3	32.5	82.4	2.8	2.5
DP 1840 B3XF	\$615	1129	35.6%	39.7	3.6	30.2	82.0	2.8	3.0
MON 16R353 B3XF	\$583	1062	37.2%	38.1	3.9	32.3	83.8	2.8	4.0
DP 1845 B3XF	\$572	1120	34.9%	40.3	3.2	31.3	82.1	2.5	4.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips, two replications harvested together
Planted: 5/8/17
Harvested: 11/10/17
Seeding Rate: 45,000 seeds/A
Row Spacing: 36"
Soil Series: Etowah silt loam
Tillage: no-till
Irrigation: none
Previous Crop: corn
Other:

AGRI-AFC DRYLAND XTEND COTTON VARIETY TRIAL LAWRENCE COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
CROPLAN 3885 B2XF	\$752	1389	38.0%	37.1	4.3	28.3	82.4	2.5	3.5
DP 1612 B2XF	\$714	1302	36.3%	38.7	4.0	31.9	82.8	2.0	4.5
DP 1646 B2XF	\$709	1309	38.3%	40.3	3.6	28.4	81.5	2.5	3.0
CROPLAN 9608 B3XF	\$687	1264	40.7%	38.4	4.2	29.1	81.7	2.0	4.0
CROPLAN 3527 B2XF	\$684	1252	39.3%	39.0	4.6	30.1	83.0	3.5	4.0
DP 1851 B3XF	\$671	1220	39.7%	39.0	4.0	33.0	83.2	3.0	3.5
DP 1845 B3XF	\$657	1211	38.8%	41.0	4.4	29.2	81.9	3.0	3.0
DP 1725 B2XF	\$656	1216	39.4%	36.5	4.1	28.8	81.6	4.0	4.5
DP 1835 B3XF	\$655	1197	40.9%	38.7	4.1	31.9	81.6	3.5	3.5
DP 1840 B3XF	\$638	1175	38.0%	39.0	3.9	29.6	80.3	3.5	2.5
DP 1820 B3XF	\$631	1150	36.9%	40.6	4.6	33.6	83.4	3.0	2.5
DP 1614 B2XF	\$627	1151	38.4%	38.7	4.6	30.4	82.6	3.5	3.5
MON 16R353 B3XF	\$616	1120	40.3%	38.7	4.2	33.2	83.1	3.0	4.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips, two replications harvested together
Planted: 5/3/17
Harvested: 11/14/17
Seeding Rate: 39,000 seeds/A
Row Spacing: 30" 2 & 1 skip
Soil Series: Cumberland loam / Ooltewah silt loam
Tillage: no-till
Irrigation: none
Previous Crop: wheat/soybeans
Other:

AGRI-AFC DRYLAND XTEND COTTON VARIETY TRIAL LIMESTONE COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
DP 1820 B3XF	\$768	1396	40.6%	39.7	4.2	33.1	83.0	3.0	3.0
DP 1646 B2XF	\$756	1392	41.9%	39.0	3.9	29.3	81.7	2.0	3.5
DP 1835 B3XF	\$753	1372	41.6%	38.4	4.0	33.7	82.5	3.0	3.0
CROPLAN 3885 B2XF	\$737	1365	39.3%	36.5	4.3	29.5	82.8	1.3	3.5
DP 1725 B2XF	\$711	1295	41.8%	37.8	4.1	32.0	83.4	2.3	4.0
CROPLAN 9608 B3XF	\$707	1303	40.6%	37.4	3.8	29.7	81.8	2.8	3.5
DP 1614 B2XF	\$706	1300	39.8%	37.8	4.5	27.7	83.2	2.5	4.0
DP 1851 B3XF	\$703	1285	38.0%	37.4	3.8	31.5	82.8	2.5	4.0
DP 1840 B3XF	\$695	1267	39.1%	39.7	3.9	32.0	82.7	3.5	3.5
CROPLAN 3527 B2XF	\$692	1275	40.5%	37.8	4.5	28.0	83.3	2.3	4.5
MON 16R353 B3XF	\$692	1264	42.1%	37.8	4.4	31.7	82.6	3.8	4.0
DP 1845 B3XF	\$662	1212	39.5%	41.0	3.6	30.5	83.9	3.0	3.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips, two replications harvested together
Planted: 5/8/17
Harvested: 11/11/17
Seeding Rate: 52,000 seeds/A
Row Spacing: 30"
Soil Series: Lindside silt loam
Tillage: turbo-till
Irrigation: none
Previous Crop: soybean
Other:

AGRI-AFC DRYLAND COTTON VARIETY TRIAL LAUDERDALE COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
PHY 444 WRF	\$697	1270	39.7%	39.4	4.1	31.6	83.6	3.0	2.5
ST 5517 GLTP	\$586	1071	35.1%	37.8	4.3	32.1	82.6	2.5	3.0
DP 1725 B2XF	\$571	1050	36.3%	36.5	4.5	31.6	82.4	3.5	4.5
MON 16R324 B3XF	\$566	1034	38.9%	38.4	4.8	35.6	82.8	3.5	2.5
CROPLAN 3527 B2XF	\$560	1068	39.7%	37.4	5.0	31.4	83.7	4.0	3.5
ST 4949 GLT	\$552	1022	39.1%	35.8	4.5	29.4	82.4	1.5	3.0
DP 1646 B2XF	\$548	1004	37.4%	40.6	4.3	30.2	83.7	3.0	3.5
PHY 340 W3FE	\$537	981	37.2%	37.1	4.6	33.8	83.8	2.0	2.0
PHY 333 WRF	\$519	950	36.9%	36.8	4.8	31.7	82.5	3.0	3.0
ST 4848 GLT	\$514	949	35.1%	36.2	4.7	30.6	82.4	3.0	3.0
PHY 330 W3FE	\$508	927	35.8%	36.8	4.6	33.9	83.1	1.0	2.0
CROPLAN 3885 B2XF	\$506	939	34.6%	35.8	4.5	28.0	82.3	2.0	3.5
DP 1614 B2XF	\$503	969	39.1%	35.8	5.2	30.3	82.7	3.5	4.0
PHY 490 W3FE	\$498	911	35.5%	35.5	4.9	33.5	84.0	2.0	3.5
ST 5020 GLT	\$474	861	33.1%	38.7	4.7	34.2	84.2	1.5	4.0
PHY 450 W3FE	\$453	846	34.2%	34.9	4.9	32.0	83.6	2.0	3.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips
Planted: 5/11/17
Harvested: 10/26/17
Seeding Rate: 50,000 seeds/A
Row Spacing: 30"
Soil Series: Dickson silt loam
Tillage: no-till
Irrigation: none
Previous Crop: cotton
Other:

AGRI-AFC DRYLAND COTTON VARIETY TRIAL LIMESTONE COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
DP 1646 B2XF	\$901	1658	42.8%	40.3	3.7	29.7	81.8	1.0	3.0
PHY 340 W3FE	\$873	1590	37.9%	38.7	4.1	31.9	83.7	2.0	3.5
PHY 330 W3FE	\$871	1590	39.7%	38.4	3.7	32.0	82.7	2.5	3.5
CROPLAN 3527 B2XF	\$858	1577	40.0%	38.1	4.1	29.8	82.6	3.0	4.0
ST 4848 GLT	\$829	1508	39.1%	38.7	4.0	33.2	83.0	3.0	4.0
DP 1614 B2XF	\$815	1501	39.4%	39.0	4.4	29.8	82.5	3.0	4.5
DP 1820 B3XF	\$802	1459	38.8%	41.0	4.1	33.3	83.5	3.5	2.0
DP 1725 B2XF	\$794	1553	40.2%	38.7	3.2	32.2	83.0	3.0	4.5
ST 4949 GLT	\$784	1444	39.1%	37.1	3.9	29.8	82.7	2.5	3.0
ST 5517 GLTP	\$756	1383	35.8%	38.7	3.5	31.7	81.0	2.5	3.5
ST 5020 GLT	\$748	1363	36.3%	39.4	3.5	33.2	83.2	1.0	4.5
PHY 450 W3FE	\$745	1360	36.5%	37.1	3.8	32.3	83.6	2.0	2.5
CROPLAN 3885 B2XF	\$739	1355	38.7%	38.4	4.0	29.8	83.5	1.5	3.0
PHY 490 W3FE	\$715	1308	37.2%	37.8	3.5	31.6	82.9	2.5	3.5
PHY 333 WRF	\$692	1266	36.9%	38.7	3.6	32.1	82.7	1.5	3.0
PHY 444 WRF	\$552	1086	36.1%	38.7	3.2	30.1	81.6	3.5	2.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips
Planted: 5/9/17
Harvested: 10/27/17
Seeding Rate: 45,000 seeds/A
Row Spacing: 36"
Soil Series: Cookeville silt loam
Tillage: no-till
Irrigation: none
Previous Crop: wheat/soybean
Other:

AGRI-AFC IRRIGATED COTTON VARIETY TRIAL COLBERT COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
DP 1646 B2XF	\$617	1130	37.4%	39.4	3.8	30.0	82.3	2.5	3.5
DP 1820 B3XF	\$578	1052	38.9%	37.8	4.2	34.3	82.2	3.0	4.0
ST 5517 GLTP	\$564	1040	33.1%	36.5	3.9	30.7	81.9	2.0	3.5
CROPLAN 9608 B3XF	\$560	1028	37.6%	36.2	3.8	31.6	81.3	2.5	3.0
DP 1835 B3XF	\$557	1024	37.6%	37.4	3.9	30.3	80.9	2.5	2.5
PHY 330 W3FE	\$533	974	36.9%	36.8	3.8	32.2	82.4	2.5	2.5
ST 5020 GLT	\$523	951	34.0%	38.7	3.8	33.0	83.9	1.0	3.0
ST 4949 GLT	\$516	989	40.6%	34.9	4.3	28.2	79.9	1.0	4.5
PHY 340 W3FE	\$509	939	35.9%	36.5	3.8	30.2	81.1	2.0	3.5
DP 1725 B2XF	\$504	928	38.8%	36.5	4.1	30.0	81.8	3.0	4.5
PHY 490 W3FE	\$504	920	34.2%	37.1	3.8	33.2	82.9	2.0	4.0
ST 4848 GLT	\$467	865	35.9%	35.5	4.0	29.5	81.5	2.0	3.0
PHY 450 W3FE	\$449	820	33.7%	39.4	3.7	31.7	82.8	2.0	3.0
CROPLAN 3527 B2XF	\$420	779	37.4%	36.2	4.5	27.7	81.1	3.0	4.0
DP 1614 B2XF	\$418	766	35.3%	38.4	4.2	30.6	82.1	3.5	3.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips, two replications harvested together
Planted: 5/2/17
Harvested: 10/19/17
Seeding Rate: 62,000 seeds/A
Row Spacing: 30" 2 x 1 skip
Soil Series: Decatur silt loam / Emory silt loam
Tillage: no-till
Irrigation: center-pivot
Previous Crop: corn
Other:

AGRI-AFC IRRIGATED COTTON VARIETY TRIAL MADISON COUNTY, AL - 2017

ENTRY	VALUE (\$/acre)	LINT YIELD (lbs/acre)	TURNOUT (%)	STAPLE LENGTH (32nds)	MICRONAIRE	FIBER STRENGTH (g/tex)	UNIFORMITY (%)	VIGOR	STRINGOUT
PHY 340 W3FE	\$720	1337	40.0%	36.5	3.6	28.7	81.3	2.5	2.5
PHY 330 W3FE	\$712	1314	40.7%	36.8	3.6	29.3	82.1	3.0	3.0
ST 4747 GLB2	\$682	1254	36.2%	40.3	3.7	29.9	82.7	3.8	3.0
DP 1614 B2XF	\$651	1200	38.5%	37.8	3.7	26.9	82.2	3.5	3.5
CROPLAN 3527 B2XF	\$593	1094	38.2%	37.4	3.8	26.0	82.2	3.8	3.5
ST 4848 GLT	\$579	1066	37.4%	37.4	3.7	29.7	82.3	2.3	2.0
DP 1820 B3XF	\$557	1018	38.3%	37.8	3.8	31.1	81.0	4.0	2.0
ST 4949 GLT	\$549	1019	38.0%	36.5	3.6	28.7	81.6	3.0	2.0
DP 1725 B2XF	\$540	1036	39.2%	37.1	3.3	29.8	81.2	3.5	3.5
ST 5020 GLT	\$536	1021	33.5%	39.4	3.3	30.8	82.9	2.0	4.0
DP 1646 B2XF	\$520	1029	35.8%	39.4	3.0	28.3	81.7	2.5	3.0
PHY 444 WRF	\$488	1030	35.0%	38.7	2.8	28.5	79.5	3.8	2.5
ST 5517 GLTP	\$470	867	33.1%	36.2	3.5	30.2	82.3	3.0	3.0
CROPLAN 9608 B3XF	\$460	916	38.0%	36.2	3.1	27.1	80.6	3.5	2.5
DP 1835 B3XF	\$457	880	37.8%	36.5	3.4	29.6	81.6	2.5	2.5
PHY 490 W3FE	\$446	876	35.3%	37.1	3.2	31.0	81.7	3.3	3.5
PHY 450 W3FE	\$417	820	33.9%	36.5	3.2	31.4	83.2	3.3	3.0

Entries are listed according to value in \$/acre based on \$.52/lb +/- premiums/discounts. Color and leaf given base grades of 41 and 4. Vigor, stringout ratings 1 to 5, 1=best.

Trial Type: side by side strips, two replications harvested together
Planted: 5/15/17
Harvested: 11/27/17
Seeding Rate: 50,000 seeds/A
Row Spacing: 40"
Soil Series: Greendale silt loam / Abernathy silt loam
Tillage: no-till
Irrigation: center-pivot
Previous Crop: corn
Other: light *Verticillium* wilt