



Table 1. 2015 Cultural information for OSU Extension large plot trial sites.

	Irrigated Cotton Inc Enhanced Variety		Irrigated RACE			Dryland RACE			Deltapine XtendFlex Variety Trial
Table Numbers	2 and 3	4 and 5	6 and 7	8 and 9	10 and 11	12 and 13	14 and 15	16 and 17	18 and 19
County-location	Custer - Hydro	Harmon - Hollis	Tillman - Tipton	Jackson - Duke	Beckham - Delhi	Washita - Elk City	Tillman - Hollister	Jackson - Olustee	Custer - Hydro
Cooperator	Merlin Schantz	Tony Cox	Mark Nichols	Drew Darby	Jack Damron	Danny Davis	Roger Fischer	Clint Abernathy	Merlin Schantz
Tillage system	strip till	no-till	no-till	conventional till	no-till	no-till	no-till	no-till	strip till
Planting date	2-Jun	27-May	3-Jun	2-Jun	3-Jun	3-Jun	10-Jun	9-Jun	1-Jun
Seeding rate (seeds/acre)	52,000	40,000	49,000	49,000	40,000	28,000	26,000	23,000	52,000
Row spacing (inches)	36	40	40	40	40	40	40	38	36
Replicates	3	3	3	3	3	3	4	3	3
Harvested plot width (rows)	8	6	6	4	6	6	4	6	8
Harvested plot length (ft)	600	~1300	~1200	725	600	1,092	666	1000	600
Harvest date	23-Nov	23-Nov	3-Nov	7-Nov	7-Dec	27-Oct	10-Nov	29-Oct	20-Nov
Comments	pivot irrigation	drip irrigation	pivot irrigation	furrow irrigation	pivot irrigation				pivot irrigation
Harvester type	picker	moduling picker	moduling picker	stripper	stripper	stripper	stripper	stripper	picker
Entries	NG 3406B2XF	NG 3406B2XF	NG 3406B2XF	NG 3406B2XF	NG 3406B2XF	NG 3406B2XF	NG 3406B2XF	NG 3406B2XF	DP1518B2XF
	FM 1900GLT	FM 1900GLT	FM 1830GLT	FM 1830GLT	FM 1830GLT	FM 1900GLT	FM 1900GLT	FM 1900GLT	DP1522B2XF
	ST 4946GLB2	ST 4946GLB2	ST 4747GLB2	ST 4747GLB2	ST 4747GLB2	ST 4946GLB2	ST 4946GLB2	ST 4946GLB2	DP1612B2XF (14R913B2XF)
	PHY 333WRF	PHY 333WRF	PHY 333WRF	PHY 333WRF	PHY 333WRF	PHY 333WRF	PHY 333WRF	PHY 333WRF	DP1614B2XF (15R515B2XF)
	DP 1321B2RF	DP 1321B2RF	DP 1219B2RF	DP 1219 B2RF	DP 1219B2RF	DP 1044B2RF	DP 1044B2RF	DP 1044B2RF	Experimental A
	CG 3787B2RF	CG 3787B2RF	CG 3475B2XF	CG 3475B2XF	CG 3475B2XF	CG 3475B2XF	CG 3475B2XF	CG 3475B2XF	Experimental B
	DP 0912 B2RF	NG 1511 B2RF							Experimental C
	NG 1511 B2RF	DP 1044B2RF							
	FM 1740 B2F								
Grower's choice	DP 1518B2XF	DP 1522 B2XF	DP 1522B2XF	ST 4946 GLB2	NG 1511 B2RF	DP 1522B2XF	DP 1219B2RF	DP 0912B2RF	

Provided by:  
 OSU Southwest Research and Extension Center  
 (580) 482-2120

Table 2. Harvest results from the Custer County irrigated Cotton Incorporated Enhanced Variety trial, Merlin Schantz Farm, Hydro, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
ST4946GLB2	39.7	56.6	4546	1805	2574	0.5820	1051	290	1340	136	83	1120 a
NG1511B2RF	42.5	54.1	4105	1743	2221	0.5785	1008	250	1258	123	79	1056 ab
PHY333WRF	41.7	54.2	4085	1702	2215	0.5808	989	249	1238	122	78	1037 b
CG3787B2RF	41.7	55.0	4052	1688	2228	0.5813	981	251	1232	122	77	1033 b
FM1900GLT	41.9	53.5	4064	1703	2175	0.5830	993	245	1237	122	85	1031 b
DP0912B2RF	38.5	56.5	4299	1656	2427	0.5807	961	273	1234	129	78	1028 b
DP1321B2RF	40.9	55.9	4069	1662	2274	0.5815	966	256	1222	122	80	1020 bc
FM1740B2F	39.7	55.8	4073	1619	2272	0.5798	938	256	1194	122	72	1000 bc
NG3406B2XF	39.7	56.9	4067	1613	2313	0.5795	935	260	1195	122	79	994 bc
DP1518B2XF	41.3	54.4	3807	1572	2071	0.5800	912	233	1145	114	80	950 c
Test average	40.7	55.3	4117	1676	2277	0.5807	973	256	1230	123	79	1027
CV, %	1.9	1.5	3.9	3.8	3.9	0.2	3.9	3.9	3.9	4.8	--	4.2
OSL	<0.0001	0.0004	0.0041	0.0138	0.0002	0.0146	0.0138	0.0002	0.0149	0.0052	--	0.0187
LSD	1.3	1.4	274	110	153	0.0021	65	17	82	8	--	74

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 3. Harvest results from the Custer County irrigated Cotton Incorporated Enhanced Variety trial, Merlin Schantz Farm, Hydro, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3787B2RF	50,820	33.7	4.0	4.2	38.6	30.8	84.4
DP0912B2RF	52,272	29.5	4.0	4.1	37.1	32.6	83.4
DP1321B2RF	47,916	30.9	4.0	4.1	37.9	32.2	83.6
DP1518B2XF	45,012	32.2	5.0	3.9	38.8	31.1	82.4
FM1740B2F	48,884	28.5	5.0	4.1	37.8	31.8	83.3
FM1900GLT	46,464	29.2	8.0	4.1	39.7	35.2	84.2
NG1511B2RF	46,948	31.0	5.2	4.3	36.8	32.0	83.4
NG3406B2XF	50,820	29.6	6.2	4.0	37.3	30.8	83.6
PHY333WRF	42,108	33.4	4.8	4.0	38.8	31.7	83.0
ST4946GLB2	47,916	30.9	6.3	4.2	38.6	33.7	83.9
Test average	47,916	30.9	5.2	4.1	38.1	32.2	83.5
CV, %	9.6	4.3	5.2	2.3	1.6	3.4	1.0
OSL	0.3083	0.0013	<0.0001	0.0014	0.0002	0.0026	0.3185
LSD	NS	2.3	0.5	0.2	1.0	1.9	NS

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 4. Harvest results from the Harmon County irrigated Cotton Incorporated Enhanced Variety trial, Tony Cox Farm, Hollis, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
DP1321B2RF	40.6	54.1	4911	1992	2655	0.5668	1129	298	1428	147	62	1219 a
GCDP1522B2XF	39.4	54.7	4800	1892	2625	0.5792	1096	295	1391	144	62	1185 ab
PHY333WRF	39.7	54.9	4687	1862	2574	0.5732	1067	290	1356	141	60	1155 ab
NG3406B2XF	38.9	54.5	4678	1819	2550	0.5733	1043	287	1330	140	61	1129 ab
FM1900GLT	40.5	53.8	4531	1837	2435	0.5737	1053	274	1327	136	65	1127 ab
DP1044B2RF	39.5	55.1	4584	1810	2525	0.5693	1032	284	1316	138	56	1122 ab
CG3787B2RF	38.9	55.8	4658	1812	2600	0.5633	1020	292	1313	140	59	1113 ab
ST4946GLB2	38.6	56.0	4624	1784	2588	0.5570	997	291	1288	139	64	1085 bc
NG1511B2RF	38.8	55.9	4253	1648	2379	0.5527	912	268	1180	127	61	992 c
Test average	39.4	55.0	4636	1828	2548	0.5676	1039	287	1325	139	61	1125
CV, %	4.2	3.1	4.7	4.6	4.7	3.3	6.1	4.7	5.7	4.6	--	6.2
OSL	0.7745	0.6983	0.0920	0.0156	0.1797	0.7458	0.0362	0.1881	0.0541	0.0793	--	0.0538
LSD	NS	NS	308 †	147	NS	NS	110	NS	108 †	9 †	--	100 †

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 5. Harvest results from the Harmon County irrigated Cotton Incorporated Enhanced Variety trial, Tony Cox Farm, Hollis, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3787B2RF	38,333	39.7	4.3	3.4	39.0	31.4	83.8
DP1044B2RF	36,590	36.0	6.3	3.5	38.9	32.0	84.2
DP1321B2RF	36,590	35.7	4.7	3.6	38.6	30.0	83.0
FM1900GLT	34,848	32.1	7.7	3.5	38.9	32.5	82.5
GCDP1522B2XF	39,204	35.7	6.0	3.7	39.5	30.7	83.6
NG1511B2RF	31,799	36.2	5.0	3.3	38.1	30.1	83.2
NG3406B2XF	34,848	32.1	4.7	3.6	38.0	30.1	84.1
PHY333WRF	39,640	35.1	5.3	3.5	38.8	32.0	83.5
ST4946GLB2	36,590	35.0	5.7	3.3	39.1	29.4	83.1
Test average	36,493	35.3	5.5	3.5	38.8	30.9	83.4
CV, %	10.2	4.3	14.1	7.2	1.7	5.7	1.4
OSL	0.3104	0.0007	0.0021	0.6616	0.2292	0.3788	0.6733
LSD	NS	2.6	1.4	NS	NS	NS	NS

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 6. Harvest results from the Tillman County irrigated RACE trial, Mark Nichols Farm, Tipton, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
FM1830GLT	41.9	55.2	3297	1382	1820	0.5810	803	205	1007	99	78	830 a
PHY333WRF	40.2	54.7	3428	1378	1875	0.5680	783	211	994	103	73	817 a
CG3475B2XF	38.4	56.0	3462	1330	1939	0.5797	771	218	989	104	72	812 ab
GCDP1522B2XF	38.3	55.9	3385	1297	1892	0.5808	753	213	966	102	75	789 bc
NG3406B2XF	38.9	56.0	3354	1301	1878	0.5727	745	211	957	101	74	781 c
ST4747GLB2	37.9	56.8	3408	1292	1936	0.5660	731	218	949	102	78	768 c
DP1219B2RF	37.5	57.2	3257	1221	1863	0.5623	687	209	896	98	69	730 d
Test average	39.0	56.0	3370	1314	1886	0.5729	753	212	965	101	74	790
CV, %	1.3	1.0	1.7	1.7	1.7	1.2	1.7	1.7	1.6	1.6	--	1.8
OSL	<0.0001	0.0029	0.0101	<0.0001	0.0090	0.0187	<0.0001	0.0067	<0.0001	0.0065	--	<0.0001
LSD	0.9	1.0	103	40	58	0.0118	23	6	28	3	--	25

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 7. Harvest results from the Tillman County irrigated RACE trial, Mark Nichols Farm, Tipton, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3475B2XF	37,462	35.4	4.3	3.6	37.1	32.9	83.3
DP1219B2RF	37,897	42.2	5.0	3.4	38.2	33.7	82.4
FM1830GLT	36,155	33.5	6.3	3.6	38.5	33.7	83.3
GCDP1522B2XF	43,560	37.1	5.7	3.9	37.8	33.1	83.4
NG3406B2XF	41,818	32.0	7.0	3.5	36.7	31.1	83.3
PHY333WRF	35,284	38.4	5.3	3.4	38.0	31.2	83.3
ST4747GLB2	40,075	34.5	6.0	3.4	38.0	30.8	81.8
Test average	38,893	36.2	5.7	3.6	37.8	32.4	83.0
CV, %	17.2	6.4	10.5	3.4	1.0	3.3	0.6
OSL	0.712	0.0029	0.0030	0.0036	0.0007	0.0147	0.017
LSD	NS	4.1	1.1	0.2	0.6	1.9	1.0

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 8. Harvest results from the Jackson County irrigated RACE trial, Drew Darby Farm, Duke, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
ST4747GLB2	32.2	50.5	4762	1533	2405	0.5767	884	270	1155	143	78	934 a
GCST4946GLB2	32.6	51.5	4608	1503	2373	0.5790	870	267	1137	138	78	921 a
PHY333WRF	33.4	47.7	4539	1516	2165	0.5760	873	243	1117	136	73	907 a
CG3475B2XF	33.3	50.7	4188	1395	2123	0.5792	808	239	1047	126	72	848 b
NG3406B2XF	33.6	49.8	4125	1386	2054	0.5782	801	231	1032	124	74	834 b
DP1219B2RF	32.8	49.6	4158	1368	2062	0.5787	792	232	1024	125	69	830 b
FM1830GLT	35.1	48.4	3957	1385	1915	0.5808	804	215	1020	119	78	823 b
Test average	33.3	49.8	4334	1441	2157	0.5784	833	243	1076	130	75	871
CV, %	1.0	1.2	2.6	2.6	2.6	0.2	2.6	2.6	2.6	2.7	--	2.9
OSL	<0.0001	<0.0001	<0.0001	0.0003	<0.0001	0.0160	0.0004	<0.0001	0.0001	<0.0001	--	0.0003
LSD	0.6	1.0	201	67	100	0.0024	39	11	50	6	--	44

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.



Table 9. Harvest results from the Jackson County irrigated RACE trial, Drew Darby Farm, Duke, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3475B2XF	26,136	28.3	5.3	3.9	36.9	31.0	82.9
DP1219B2RF	30,928	34.1	5.3	3.6	38.2	31.6	82.0
FM1830GLT	23,958	27.5	6.0	3.8	38.2	32.7	82.9
GCST4946GLB2	33,541	31.4	7.0	3.7	36.9	31.5	83.5
NG3406B2XF	23,958	29.6	6.3	3.8	37.2	30.2	83.2
PHY333WRF	34,412	32.4	5.3	3.7	37.5	29.1	83.2
ST4747GLB2	38,333	28.3	6.0	3.7	37.9	29.5	81.3
Test average	30,181	30.2	5.9	3.7	37.5	30.8	82.7
CV, %	15.9	6.2	7.4	1.8	1.3	2.2	0.7
OSL	0.0178	0.0074	0.0036	0.0033	0.0229	0.0003	0.0095
LSD	8,547	3.3	0.8	0.1	0.9	1.2	1.1

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 10. Harvest results from the Beckham County irrigated RACE trial, Jack Damron Farm, Delhi, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
CG3475B2XF	31.2	52.2	4930	1538	2573	0.5797	892	289	1181	148	59	974 a
GCNG1511B2RF	33.1	50.2	4634	1534	2326	0.5807	891	262	1152	139	61	953 ab
PHY333WRF	30.5	50.4	5068	1546	2549	0.5538	855	287	1142	152	60	930 ab
FM1830GLT	32.4	50.3	4555	1475	2291	0.5668	836	258	1094	137	64	893 ab
NG3406B2XF	31.0	51.0	4741	1470	2418	0.5548	815	272	1088	142	61	884 b
ST4747GLB2	30.1	50.1	4857	1462	2434	0.5478	801	274	1075	145	64	865 b
DP1219B2RF	31.6	51.7	3940	1245	2037	0.5565	693	229	922	118	56	748 c
Test average	31.4	50.8	4675	1467	2375	0.5629	826	267	1094	140	61	893
CV, %	2.5	1.6	4.4	4.5	4.5	2.0	5.4	4.4	5.1	4.5	--	5.6
OSL	0.0060	0.0430	0.0006	0.0015	0.0009	0.0212	0.0021	0.0007	0.0023	0.0008	--	0.0026
LSD	1.4	1.4	370	116	191	0.0204	79	21	99	11	--	88

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 11. Harvest results from the Beckham County irrigated RACE trial, Jack Damron Farm, Delhi, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3475B2XF	35,719	34.1	3.7	3.7	38.2	30.4	83.5
DP1219B2RF	35,719	38.9	4.0	3.2	38.3	33.9	81.5
FM1830GLT	33,541	29.7	5.7	3.4	39.1	31.1	83.6
GCNG1511B2RF	31,799	35.1	4.3	3.7	38.0	32.2	83.6
NG3406B2XF	38,333	30.3	5.0	3.3	37.8	30.6	82.1
PHY333WRF	33,977	37.6	4.3	3.3	39.0	30.0	82.5
ST4747GLB2	37,026	34.5	5.3	3.2	38.9	29.9	81.7
Test average	35,159	34.3	4.6	3.4	38.5	31.2	82.6
CV, %	8.3	6.4	14.3	4.6	2.3	2.8	0.8
OSL	0.2012	0.0020	0.0263	0.0051	0.3906	0.0013	0.0074
LSD	NS	3.9	1.2	0.3	NS	1.6	1.2

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 12. Harvest results from the Washita County dryland RACE trial, Danny Davis Farm, Elk City, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
PHY333WRF	33.1	44.8	4049	1340	1814	0.5787	776	204	979	122	42	816 a
ST4946GLB2	32.8	48.1	3914	1284	1883	0.5822	748	212	959	117	45	797 a
NG3406B2XF	32.8	48.7	3698	1213	1801	0.5792	702	203	905	111	43	751 b
CG3475B2XF	32.5	48.4	3671	1193	1777	0.5815	694	200	894	110	42	742 b
FM1900GLT	32.6	47.2	3597	1173	1698	0.5810	681	191	872	108	45	719 b
GCDP1522B2XF	33.6	48.3	3472	1166	1677	0.5808	678	189	866	104	43	719 b
DP1044B2RF	30.6	47.9	3538	1083	1695	0.5787	627	191	817	106	39	672 c
Test average	32.6	47.6	3706	1207	1763	0.5803	701	198	899	111	43	745
CV, %	2.0	1.4	2.8	2.8	2.8	0.3	2.8	2.8	2.8	2.8	--	3.0
OSL	0.0038	0.0002	0.0002	<0.0001	0.0018	0.1328	<0.0001	0.0020	<0.0001	0.0002	--	<0.0001
LSD	1.2	1.2	184	60	87	NS	35	10	45	6	--	39

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 13. Harvest results from the Washita County dryland RACE trial, Danny Davis Farm, Elk City, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3475B2XF	27,879	28.0	5.3	4.1	38.1	31.6	83.7
DP1044B2RF	33,541	29.4	6.8	3.8	37.0	30.6	83.3
FM1900GLT	27,443	31.9	7.8	4.0	38.8	34.8	82.6
GCDP1522B2XF	27,879	31.8	6.2	4.1	37.9	31.3	83.7
NG3406B2XF	26,136	29.1	7.0	4.0	37.1	30.7	83.2
PHY333WRF	28,314	32.1	5.7	4.1	37.8	30.8	82.6
ST4946GLB2	27,007	30.8	7.2	3.9	38.1	33.5	84.3
Test average	28,314	30.4	6.6	4.0	37.8	31.9	83.4
CV, %	8.9	7.1	6.1	2.6	1.6	3.0	0.7
OSL	0.0644	0.2159	<0.0001	0.1333	0.0453	0.0009	0.0401
LSD	3669 †	NS	0.7	NS	1.1	1.7	1.1

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 14. Harvest results from the Tillman County dryland RACE trial, Roger Fischer Farm, Hollister, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
PHY333WRF	30.1	45.5	2163	651	984	0.5463	356	111	467	65	39	363 a
NG3406B2XF	30.1	48.4	2104	633	1019	0.5348	340	115	454	63	40	351 ab
ST4946GLB2	30.3	49.1	2060	624	1012	0.5366	335	114	449	62	42	346 ab
CG3475B2XF	29.4	47.3	2092	615	990	0.5294	326	112	438	63	39	336 ab
DP1044B2RF	30.3	49.8	1948	590	968	0.5386	318	109	427	59	37	332 ab
GCDP1219B2RF	29.5	46.9	1903	562	891	0.5303	298	100	398	57	37	304 bc
FM1900GLT	29.0	47.8	1773	514	848	0.5445	280	95	375	54	42	280 c
Test average	29.8	47.8	2006	598	959	0.5372	322	108	430	60	39	330
CV, %	4.3	3.6	7.4	7.4	7.4	3.7	9.2	7.4	8.6	7.4	--	10.0
OSL	0.6859	0.0443	0.0192	0.0053	0.0228	0.8448	0.0309	0.0211	0.0299	0.0236	--	0.0298
LSD	NS	2.6	220	66	106	NS	44	12	55	7	--	49

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 15. Harvest results from the Tillman County dryland RACE trial, Roger Fischer Farm, Hollister, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3475B2XF	23,196	33.1	5.9	3.6	34.1	29.9	81.2
DP1044B2RF	24,829	31.0	6.5	3.9	34.1	30.7	81.2
FM1900GLT	20,582	34.5	7.8	3.3	35.5	29.4	80.6
GCDP1219B2RF	25,483	31.8	4.8	3.7	34.0	29.6	80.2
NG3406B2XF	22,216	32.6	6.4	3.6	33.9	28.9	81.5
PHY333WRF	20,255	29.3	5.3	3.7	34.8	29.1	80.8
ST4946GLB2	23,523	30.4	7.6	3.7	34.1	30.8	81.1
Test average	22,869	31.8	6.3	3.6	34.3	29.8	80.9
CV, %	20.9	6.8	5.7	5.4	1.6	3.3	1.0
OSL	0.6598	0.0542	<0.0001	0.0204	0.0045	0.077	0.4155
LSD	NS	2.7 †	0.5	0.3	0.8	1.2 †	NS

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 16. Harvest results from the Jackson County dryland RACE trial, Clint Abernathy Farm, Olustee, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
PHY333WRF	33.6	49.0	2964	996	1452	0.5767	574	163	738	89	35	614 a
ST4946GLB2	33.0	53.0	2866	943	1519	0.5787	546	171	716	86	38	593 a
CG3475B2XF	33.4	51.4	2632	879	1353	0.5732	504	152	656	79	35	543 b
GCDP0912B2RF	32.8	52.2	2661	870	1389	0.5622	489	156	645	80	35	531 b
NG3406B2XF	33.9	52.5	2557	867	1342	0.5677	492	151	643	77	36	531 b
DP1044B2RF	31.2	51.9	2668	833	1385	0.5608	468	156	624	80	33	511 bc
FM1900GLT	30.9	51.5	2508	775	1292	0.5717	443	145	589	75	38	475 c
Test average	32.7	51.6	2694	880	1390	0.5701	502	156	659	81	36	542
CV, %	1.9	1.4	4.5	4.5	4.5	1.6	4.9	4.6	4.8	4.4	--	5.2
OSL	0.0003	0.0004	0.0059	0.0005	0.0147	0.2180	0.0005	0.0147	0.0012	0.0071	--	0.0009
LSD	1.1	1.3	215	70	111	NS	44	13	56	6	--	50

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.



Table 17. Harvest results from the Jackson County dryland RACE trial, Clint Abernathy Farm, Olustee, OK, 2015.

Entry	Final population	Final plant height	Storm resistance	Micronaire	Staple	Strength	Uniformity
	plants/acre	inches	1-9 visual scale*	units	32nds inch	g/tex	%
CG3475B2XF	24,761	30.3	5.5	4.0	35.9	31.3	82.7
DP1044B2RF	20,176	32.1	6.8	4.1	35.4	30.2	82.5
FM1900GLT	21,551	32.2	7.5	3.6	37.6	33.9	81.2
GCDP0912B2RF	20,175	32.7	4.7	4.5	35.0	30.1	82.0
NG3406B2XF	21,551	33.5	6.5	3.9	35.2	30.3	82.7
PHY333WRF	22,468	37.8	6.0	4.1	36.6	30.7	82.3
ST4946GLB2	24,761	35.8	7.2	4.0	36.0	33.1	82.7
Test average	22,206	33.5	6.3	4.0	35.9	31.4	82.3
CV, %	12.8	6.6	2.6	3.8	2.4	3.6	1.1
OSL	0.3036	0.0210	<0.0001	0.0005	0.0377	0.0051	0.4548
LSD	NS	3.9	0.3	0.3	1.5	2.0	NS

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 18. Harvest results from the Custer County irrigated XtendFlex variety trial, Merlin Schantz Farm, Hydro, OK, 2015.

Entry	Lint turnout	Seed turnout	Bur cotton yield	Lint yield	Seed yield	Lint loan value	Lint value	Seed value	Total value	Ginning cost	Seed/tech cost	Net value
	----- % -----		----- lb/acre -----			--\$/lb--			----- \$/acre -----			
DP1518B2XF	36.0	53.6	4525	1629	2426	0.5793	944	273	1217	136	80	1001 a
DP1614B2XF (15R515B2XF)	39.7	50.5	4179	1659	2111	0.5788	961	238	1198	125	80	992 a
Experimental A	36.6	54.8	4356	1594	2387	0.5798	925	268	1193	131	80	982 a
DP1612B2XF (14R913B2XF)	35.2	55.2	4490	1581	2479	0.5778	913	279	1192	135	80	977 a
DP1522B2XF	36.6	53.9	4278	1566	2306	0.5793	907	259	1167	128	80	958 a
Experimental B	35.7	55.2	3972	1418	2192	0.5790	821	247	1068	119	80	868 b
Experimental C	36.6	54.0	3879	1419	2095	0.5795	823	236	1058	117	80	862 b
Test average	36.6	53.9	4240	1552	2285	0.5791	899	257	1156	127	80	949
CV, %	1.2	1.2	3.3	3.2	3.4	0.3	3.4	3.4	3.4	3.3	--	3.6
OSL	<0.0001	<0.0001	0.0006	0.0003	0.0002	0.8508	0.0004	0.0002	0.0010	0.0007	--	0.0008
LSD	0.8	1.1	249	89	136	NS	54	16	69	8	--	61

For net value/acre, means within a column with the same letter are not significantly different.

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Note: some columns may not add up due to rounding error.

Assumes:

\$3.00/cwt ginning cost.

\$225/ton for seed.

Value for lint based on CCC loan value from grab samples and FBRI HVI results.

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 19. Harvest results from the Custer County irrigated XtendFlex variety trial, Merlin Schantz Farm, Hydro, OK, 2015.

Entry	Storm resistance	Micronaire	Staple	Strength	Uniformity
	1-9 visual scale*	units	32nds inch	g/tex	%
DP1518B2XF	5.3	4.3	40.2	30.7	84.0
DP1522B2XF	5.0	4.0	39.4	30.3	83.9
DP1612B2XF (14R913B2XF)	4.3	4.3	40.6	29.7	83.8
DP1614B2XF (15R515B2XF)	4.7	4.5	39.7	30.4	84.1
Experimental A	8.0	4.2	40.8	30.2	84.9
Experimental B	3.7	4.2	39.0	30.7	83.9
Experimental C	6.3	4.3	39.2	30.5	83.8
Test average	5.3	4.3	39.8	30.4	84.1
CV, %	8.8	6.8	1.2	3.0	1.1
OSL	<0.0001	0.5813	0.0023	0.8395	0.8025
LSD	0.8	NS	0.8	NS	NS

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

\*Visual storm resistance scale: 1=loose, 9=tight.

Assumes:

Color grades set to 21, leaf grades set to 2 for entire trial.

Table 20. Lint yield results from the Extension irrigated RACE trials, 2015.

County ==>	Custer	Harmon	Tillman	Jackson	Beckham	3-Site
Irrigation Type ==>	Pivot	Drip	Pivot	Furrow	Pivot	Mean
Location ==>	Hydro	Hollis	Tipton	Duke	Delhi	for Common
Cooperator ==>	Schantz	Cox	Nichols	Darby	Damron	Entries
Entry	----- Lint yield (lb/acre) -----					
NG 3406B2XF	1613	1819	1301	1386	1470	1386
FM 1830GLT			1382	1385	1475	1414
ST 4747GLB2			1292	1533	1462	1429
PHY 333WRF	1702	1862	1378	1516	1546	1480
DP 1219B2RF			1221	1368	1245	1278
CG 3475B2XF			1330	1395	1538	1421
CG 3787B2RF	1688	1812				
DP 0912B2RF	1656					
DP 1044B2RF		1810				
DP 1321B2RF	1662	1992				
DP 1518B2XF	1572					
DP 1522B2XF		1892	1297			
FM 1900GLT	1703	1837				
FM 1740B2F	1619					
NG 1511B2RF	1743	1648			1534	
ST 4946GLB2	1805	1784		1503		
Test average	1676	1828	1314	1441	1467	1401
CV, %	3.8	4.6	1.7	2.6	4.5	
OSL	0.0138	0.0156	<0.0001	0.0003	0.0015	
LSD	110	147	40	67	116	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Table 21. Storm resistance results from the Extension irrigated RACE trials, 2015.

County ==>	Custer	Harmon	Tillman	Jackson	Beckham	3-Site
Irrigation Type ==>	Pivot	Drip	Pivot	Furrow	Pivot	Mean
Location ==>	Hydro	Hollis	Tipton	Duke	Delhi	for Common
Cooperator ==>	Schantz	Cox	Nichols	Darby	Damron	Entries
Entry	----- Storm resistance (visual rating: 1 loose, 9 tight) -----					
NG 3406B2XF	6.2	4.7	7.0	6.3	5.0	6.1
FM 1830GLT			6.3	6.0	5.7	6.0
ST 4747GLB2			6.0	6.0	5.3	5.8
PHY 333WRF	4.8	5.3	5.3	5.3	4.3	5.0
DP 1219B2RF			5.0	5.3	4.0	4.8
CG 3475B2XF			4.3	5.3	3.7	4.4
CG 3787B2RF	4.0	4.3				
DP 0912B2RF	4.0					
DP 1044B2RF		6.3				
DP 1321B2RF	4.0	4.7				
DP 1518B2XF	5.0					
DP 1522B2XF		6.0	5.7			
FM 1900GLT	8.0	7.7				
FM 1740B2F	5.0					
NG 1511B2RF	5.2	5.0			4.3	
ST 4946GLB2	6.3	5.7		7.0		
Test average	5.3	5.5	5.7	5.9	4.6	5.3
CV, %	5.2	14.1	10.5	7.4	14.3	
OSL	<0.0001	0.0021	0.0030	0.0036	0.0263	
LSD	0.5	1.4	1.1	0.8	1.2	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level.

Table 22. Plant height results from the Extension irrigated RACE trials, 2015.

County ==>	Custer	Harmon	Tillman	Jackson	Beckham	3-Site
Irrigation Type ==>	Pivot	Drip	Pivot	Furrow	Pivot	Mean
Location ==>	Hydro	Hollis	Tipton	Duke	Delhi	for Common
Cooperator ==>	Schantz	Cox	Nichols	Darby	Damron	Entries
Entry	----- Plant height (inches) -----					
NG 3406B2XF	29.6	32.1	32.0	29.6	30.3	30.6
FM 1830GLT			33.5	27.5	29.7	30.2
ST 4747GLB2			34.5	28.3	34.5	32.4
PHY 333WRF	33.4	35.1	38.4	32.4	37.6	36.1
DP 1219B2RF			42.2	34.1	38.9	38.4
CG 3475B2XF			35.4	28.3	34.1	32.6
CG 3787B2RF	33.7	39.7				
DP 0912B2RF	29.5					
DP 1044B2RF		36.0				
DP 1321B2RF	30.9	35.7				
DP 1518B2XF	32.2					
DP 1522B2XF		35.7	37.1			
FM 1900GLT	29.2	32.1				
FM 1740B2F	28.5					
NG 1511B2RF	31.0	36.2			35.1	
ST 4946GLB2	30.9	35.0		31.4		
Test average	30.9	35.3	36.2	30.2	34.3	33.4
CV, %	4.3	4.3	6.4	6.2	6.4	
OSL	0.0013	0.0007	0.0029	0.0074	0.0020	
LSD	2.3	2.6	4.1	3.3	3.9	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Table 23. Loan value results from the Extension irrigated RACE trials, 2015.

County ==>	Custer	Harmon	Tillman	Jackson	Beckham	3-Site
Irrigation Type ==>	Pivot	Drip	Pivot	Furrow	Pivot	Mean
Location ==>	Hydro	Hollis	Tipton	Duke	Delhi	for Common
Cooperator ==>	Schantz	Cox	Nichols	Darby	Damron	Entries
Entry	----- Loan value (\$/lb) -----					
NG 3406B2XF	0.5795	0.5733	0.5727	0.5782	0.5548	0.5686
FM 1830GLT			0.5810	0.5808	0.5668	0.5762
ST 4747GLB2			0.5660	0.5767	0.5478	0.5635
PHY 333WRF	0.5808	0.5732	0.5680	0.5760	0.5538	0.5659
DP 1219B2RF			0.5623	0.5787	0.5565	0.5658
CG 3475B2XF			0.5797	0.5792	0.5797	0.5795
CG 3787B2RF	0.5813	0.5633				
DP 0912B2RF	0.5807					
DP 1044B2RF		0.5693				
DP 1321B2RF	0.5815	0.5668				
DP 1518B2XF	0.5800					
DP 1522B2XF		0.5792	0.5808			
FM 1900GLT	0.5830	0.5737				
FM 1740B2F	0.5798					
NG 1511B2RF	0.5785	0.5527			0.5807	
ST 4946GLB2	0.5820	0.5570		0.5790		
Test average	0.5807	0.5676	0.5729	0.5784	0.5629	0.5699
CV, %	0.2	3.3	1.2	0.2	2.0	
OSL	0.0146	0.7458	0.0187	0.0160	0.0212	
LSD	0.0021	NS	0.0118	0.0024	0.0204	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, NS - not significant.

Note: Color grades set to 21, leaf grades set to 2 for entire trial.

Table 24. Net value results from the Extension irrigated RACE trials, 2015.

County ==>	Custer	Harmon	Tillman	Jackson	Beckham	3-Site
Irrigation Type ==>	Pivot	Drip	Pivot	Furrow	Pivot	Mean
Location ==>	Hydro	Hollis	Tipton	Duke	Delhi	for Common
Cooperator ==>	Schantz	Cox	Nichols	Darby	Damron	Entries
Entry	----- Net value (\$/acre) -----					
NG 3406B2XF	994	1129	781	834	884	833
FM 1830GLT			830	823	893	849
ST 4747GLB2			768	934	865	856
PHY 333WRF	1037	1155	817	907	930	885
DP 1219B2RF			730	830	748	769
CG 3475B2XF			812	848	974	878
CG 3787B2RF	1033	1113				
DP 0912B2RF	1028					
DP 1044B2RF		1122				
DP 1321B2RF	1020	1219				
DP 1518B2XF	950					
DP 1522B2XF		1185	789			
FM 1900GLT	1031	1127				
FM 1740B2F	1000					
NG 1511B2RF	1056	992			953	
ST 4946GLB2	1120	1085		921		
Test average	1027	1125	790	871	892	845
CV, %	4.2	6.2	1.8	2.9	5.6	
OSL	0.0187	0.0538	<0.0001	0.0003	0.0026	
LSD	74	100 †	25	44	88	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.



Table 25. Lint yield results from the Extension dryland RACE trials, 2015.

County ==>	Washita	Tillman	Jackson	3-Site
Location ==>	Elk City	Hollister	Olustee	Mean
Cooperator ==>	Davis	Fischer	Abernathy	for Common Entries
Entry	----- Lint yield (lb/acre) -----			
CG 3475B2XF	1193	615	879	896
DP 1044B2RF	1083	590	833	835
FM 1900GLT	1173	514	775	821
NG 3406B2XF	1213	633	867	904
PHY 333WRF	1340	651	996	996
ST 4946GLB2	1284	624	943	950
DP 1522B2XF	1166			
DP 1219B2RF		562		
DP 0912B2RF			870	
Test average	1207	598	880	900
CV, %	2.8	7.4	4.5	
OSL	<0.0001	0.0053	0.0005	
LSD	60	66	70	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Table 26. Storm resistance results from the Extension dryland RACE trials, 2015.

County ==>	Washita	Tillman	Jackson	3-Site
Irrigation Type ==>	Elk City	Hollister	Olustee	Mean
Location ==>	Davis	Fischer	Abernathy	for Common
Cooperator ==>				Entries
Entry	----- Storm resistance (visual rating: 1 loose, 9 tight) -----			
CG 3475B2XF	5.3	5.9	5.5	5.6
DP 1044B2RF	6.8	6.5	6.8	6.7
FM 1900GLT	7.8	7.8	7.5	7.7
NG 3406B2XF	7.0	6.4	6.5	6.6
PHY 333WRF	5.7	5.3	6.0	5.7
ST 4946GLB2	7.2	7.6	7.2	7.3
DP 1522B2XF	6.2			
DP 1219B2RF		4.8		
DP 0912B2RF			4.7	
Test average	6.6	6.3	6.3	6.6
CV, %	6.1	5.7	2.6	
OSL	<0.0001	<0.0001	<0.0001	
LSD	0.7	0.5	0.3	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level.

Table 27. Plant height results from the Extension dryland RACE trials, 2015.

County ==>	Washita	Tillman	Jackson	3-Site
Irrigation Type ==>	Elk City	Hollister	Olustee	Mean
Location ==>	Davis	Fischer	Abernathy	for Common
Cooperator ==>				Entries
Entry	----- Plant height (inches) -----			
CG 3475B2XF	28.0	33.1	30.3	30.5
DP 1044B2RF	29.4	31.0	32.1	30.8
FM 1900GLT	31.9	34.5	32.2	32.9
NG 3406B2XF	29.1	32.6	33.5	31.7
PHY 333WRF	32.1	29.3	37.8	33.1
ST 4946GLB2	30.8	30.4	35.8	32.3
DP 1522B2XF	31.8			
DP 1219B2RF	31.8			
DP 0912B2RF	32.7			
Test average	30.4	31.8	33.5	31.9
CV, %	7.1	6.8	6.6	
OSL	0.2159	0.0542	0.0210	
LSD	NS	2.7 †	3.9	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, † indicates significance at the 0.10 level, NS - not significant.

Table 28. Loan value results from the Extension dryland RACE trials, 2015.

County ==>	Washita	Tillman	Jackson	3-Site
Irrigation Type ==>	Elk City	Hollister	Olustee	Mean
Location ==>	Davis	Fischer	Abernathy	for Common
Cooperator ==>				Entries
Entry	----- Loan value (\$/lb) -----			
CG 3475B2XF	0.5815	0.5294	0.5732	0.5614
DP 1044B2RF	0.5787	0.5386	0.5608	0.5594
FM 1900GLT	0.5810	0.5445	0.5717	0.5657
NG 3406B2XF	0.5792	0.5348	0.5677	0.5606
PHY 333WRF	0.5787	0.5463	0.5767	0.5672
ST 4946GLB2	0.5822	0.5366	0.5787	0.5658
DP 1522B2XF	0.5808			
DP 1219B2RF		0.5303		
DP 0912B2RF			0.5622	
Test average	0.5803	0.5372	0.5701	0.5634
CV, %	0.3	3.7	1.6	
OSL	0.1328	0.8448	0.2180	
LSD	NS	NS	NS	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, NS - not significant.

Note: Color grades set to 21, leaf grades set to 2 for entire trial.

**Table 29. Net value results from the Extension dryland RACE trials, 2015.**

County ==>	Washita	Tillman	Jackson	3-Site
Irrigation Type ==>	Elk City	Hollister	Olustee	Mean
Location ==>	Davis	Fischer	Abernathy	for Common
Cooperator ==>				Entries
Entry	----- Net value (\$/acre) -----			
CG 3475B2XF	742	336	543	540
DP 1044B2RF	672	332	511	505
FM 1900GLT	719	280	475	491
NG 3406B2XF	751	351	531	544
PHY 333WRF	816	363	614	598
ST 4946GLB2	797	346	593	579
DP 1522B2XF	719			
DP 1219B2RF		304		
DP 0912B2RF			531	
Test average	745	330	543	543
CV, %	3.0	10.0	5.2	
OSL	<0.0001	0.0298	0.0009	
LSD	39	49	50	

CV - coefficient of variation.

OSL - observed significance level, or probability of a greater F value.

LSD - least significant difference at the 0.05 level, NS - not significant.