



2006 National Cotton Variety Test

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**National Cotton Variety Tests, 2006
Yield, Boll, Seed, Spinning and Data**

2006 CENTRAL REGIONAL COTTON VARIETY TEST

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH 2.5% S.L. (inches)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1251	ST 5599BR	1160	5.68	40.3	10.4	115	1.11	0.53	207	6.1
1201	DPL 491	1041	5.27	40.2	9.4	129	1.18	0.55	221	6.0

1196	STV 4892 BR	1034	5.05	39.5	10.0	121	1.10	0.55	204	6.7
1296	FM 832LL	1011	5.76	37.8	10.9	140	1.18	0.57	238	5.8
1224	DP 555 R/R	992	4.10	41.3	8.0	106	1.07	0.50	197	5.9
1255	FM 960B2R	972	4.89	37.8	10.8	126	1.13	0.54	218	6.1
1244	GA 200009	926	.	.	.	.	.	.	.	.
1297	TAMCOT 22	923	5.05	39.5	9.4	109	1.13	0.54	187	7.7
1214	PM 2167 RR	832	4.83	36.9	10.4	120	1.03	0.54	202	6.7
1166	PHYTOGEN 72	792	4.95	36.8	10.0	141	1.17	0.59	251	7.4
.	LSD	181	0.48	1.5	1.1	9	0.03	0.02	20	1.2

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)

VARIETY CODE	VARIETY NAME	MICRO-NAIRE (reading)	2.5% S.L. (in.)	UNIFORMITY (%)	STRENGTH (g/tex)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITROGEN (%)
1251	ST 5599BR	4.93	1.08	82.6	30.5	7.4	68.8	7.7	4.98	1759	21.32	3.57
1201	DPL 491	4.75	1.17	82.7	32.2	7.3	70.3	7.5	4.77	1604	17.58	3.72
1196	STV 4892 BR	4.87	1.10	83.5	30.0	7.7	68.2	7.4	4.97	1815	18.54	3.60
1296	FM 832LL	4.52	1.17	83.6	33.5	7.4	69.2	6.7	4.58	1776	20.34	3.52
1224	DP 555 R/R	4.80	1.07	80.6	29.3	6.8	70.8	6.8	4.82	1386	16.89	3.72
1255	FM 960B2R	4.53	1.13	81.7	32.2	7.4	71.5	7.4	4.52	1816	20.52	3.45
1244	GA 200009	.	.	.	.	.	.	.	.	.	.	.
1297	TAMCOT 22	4.23	1.12	81.9	27.7	7.3	71.7	8.2	4.35	1532	20.35	3.89
1214	PM 2167 RR	4.63	0.98	82.9	30.2	7.8	68.7	7.8	4.87	1468	21.48	3.79
1166	PHYTOGEN 72	4.40	1.17	83.3	34.2	8.0	68.5	7.9	4.52	1484	20.03	3.67
.	LSD	0.41	0.06	1.0	2.6	0.5	2.6	0.6	0.48	288	1.27	0.20

---GOSSYPOL LEVELS---

-----AREALOMETER DATA-----

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A (mm2/mm3)	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1251	ST 5599BR	0.92	0.48	1.39	.	.	.	.	.	.	.
1201	DPL 491	0.68	0.57	1.24	.	.	.	.	.	.	.
1196	STV 4892 BR	0.90	0.56	1.46	408	22.8	1.61	89	49.55	4.70	3.0
1296	FM 832LL	0.51	0.42	0.93	.	.	.	.	.	.	.
1224	DP 555 R/R	0.54	0.37	0.91	422	22.2	1.60	90	47.55	4.37	3.0
1255	FM 960B2R	0.63	0.46	1.09	433	25.8	1.67	87	48.33	4.32	2.9
1244	GA 200009	.	.	.	.	.	.	.	.	.	.
1297	TAMCOT 22	0.73	0.48	1.21	.	.	.	.	.	.	.
1214	PM 2167 RR	0.69	0.34	1.04	407	23.7	1.63	88	50.34	4.79	3.1
1166	PHYTOGEN 72	0.59	0.42	1.01	435	17.2	1.48	94	42.90	3.82	3.0
.	LSD	0.13	0.06	0.18	35.3	9.1	0.19	7	3.25	0.44	0.3

BOLL SIZE, GRAM PER BOLL	
FM 832LL	5.76
ST 5599BR	5.68
DPL 491	5.27
STV 4892 BR	5.05
TAMCOT 22	5.05
PHYTOGEN 72	4.95
FM 960B2R	4.89
PM 2167 RR	4.83
DP 555 R/R	4.10
GA 200009	.
LSD	0.48

LINT PERCENT	
DP 555 R/R	41.3
ST 5599BR	40.3
DPL 491	40.2
TAMCOT 22	39.5
STV 4892 BR	39.5
FM 832LL	37.8
FM 960B2R	37.8
PM 2167 RR	36.9
PHYTOGEN 72	36.8
GA 200009	.
LSD	1.5

SEED INDEX	
FM 832LL	10.9
FM 960B2R	10.8
ST 5599BR	10.4
PM 2167 RR	10.4
PHYTOGEN 72	10.0
STV 4892 BR	10.0
DPL 491	9.4
TAMCOT 22	9.4
DP 555 R/R	8.0
GA 200009	.
LSD	1.1

2.5% S.L. (INCHES)	
FM 832LL	1.17
PHYTOGEN 72	1.17
DPL 491	1.17
FM 960B2R	1.13
TAMCOT 22	1.12
STV 4892 BR	1.10
ST 5599BR	1.08
DP 555 R/R	1.07
PM 2167 RR	0.98
GA 200009	.
LSD	0.06

UR (PERCENT)	
FM 832LL	83.6
STV 4892 BR	83.5
PHYTOGEN 72	83.3
PM 2167 RR	82.9
DPL 491	82.7
ST 5599BR	82.6
TAMCOT 22	81.9
FM 960B2R	81.7
DP 555 R/R	80.6
GA 200009	.
LSD	1.0

STRENGTH (G/TEX)	
PHYTOGEN 72	34.2
FM 832LL	33.5
DPL 491	32.2
FM 960B2R	32.2
ST 5599BR	30.5
PM 2167 RR	30.2
STV 4892 BR	30.0
DP 555 R/R	29.3
TAMCOT 22	27.7
GA 200009	.
LSD	2.6

E	
PHYTOGEN 72	8.0
PM 2167 RR	7.8
STV 4892 BR	7.7
FM 960B2R	7.4
FM 832LL	7.4
ST 5599BR	7.4
DPL 491	7.3
TAMCOT 22	7.3
DP 555 R/R	6.8
GA 200009	.
LSD	0.5

MICRONAIRE (SL-HVI)	
ST 5599BR	4.98
STV 4892 BR	4.97
PM 2167 RR	4.87
DP 555 R/R	4.82
DPL 491	4.77
FM 832LL	4.58
PHYTOGEN 72	4.52
FM 960B2R	4.52
TAMCOT 22	4.35
GA 200009	.
LSD	0.48

COLORIMETER - Rd	
TAMCOT 22	71.7
FM 960B2R	71.5
DP 555 R/R	70.8
DPL 491	70.3
FM 832LL	69.2
ST 5599BR	68.8
PM 2167 RR	68.7
PHYTOGEN 72	68.5
STV 4892 BR	68.2
GA 200009	.
LSD	2.6

COLORIMETER - b	
TAMCOT 22	8.2
PHYTOGEN 72	7.9
PM 2167 RR	7.8
ST 5599BR	7.7
DPL 491	7.5
FM 960B2R	7.4
STV 4892 BR	7.4
DP 555 R/R	6.8
FM 832LL	6.7
GA 200009	.
LSD	0.6

MICRONAIRE	
ST 5599BR	4.93
STV 4892 BR	4.87
DP 555 R/R	4.80
DPL 491	4.75
PM 2167 RR	4.63
FM 960B2R	4.53
FM 832LL	4.52
PHYTOGEN 72	4.40
TAMCOT 22	4.23
GA 200009	.
LSD	0.41

STELOMETER - E1	
TAMCOT 22	7.7
PHYTOGEN 72	7.4
PM 2167 RR	6.7
STV 4892 BR	6.7
FM 960B2R	6.1
ST 5599BR	6.1
DPL 491	6.0
DP 555 R/R	5.9
FM 832LL	5.8
GA 200009	.
LSD	1.2

STELOMETER - T1	
PHYTOGEN 72	251
FM 832LL	238
DPL 491	221
FM 960B2R	218
ST 5599BR	207
STV 4892 BR	204

FIBROGRAPH--50% S.L.	
PHYTOGEN 72	0.59
FM 832LL	0.57
DPL 491	0.55
STV 4892 BR	0.55
FM 960B2R	0.54
PM 2167 RR	0.54

FIBROGRAPH--2.5% S.L.	
FM 832LL	1.18
DPL 491	1.18
PHYTOGEN 72	1.17
FM 960B2R	1.13
TAMCOT 22	1.13
ST 5599BR	1.11

PM 2167 RR	202
DP 555 R/R	197
TAMCOT 22	187
GA 200009	.
LSD	20

TAMCOT 22	0.54
ST 5599BR	0.53
DP 555 R/R	0.50
GA 200009	.
LSD	0.02

STV 4892 BR	1.10
DP 555 R/R	1.07
PM 2167 RR	1.03
GA 200009	.
LSD	0.03

 YARN TENACITY

PHYTOGEN 72	141
FM 832LL	140
DPL 491	129
FM 960B2R	126
STV 4892 BR	121
PM 2167 RR	120
ST 5599BR	115
TAMCOT 22	109
DP 555 R/R	106
GA 200009	.
LSD	9

 AREALOMETER - A (mm2/mm3)

PHYTOGEN 72	435
FM 960B2R	433
DP 555 R/R	422
STV 4892 BR	408
PM 2167 RR	407
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	35.3

 AREALOMETER - D (mm2/mm3)

FM 960B2R	25.8
PM 2167 RR	23.7
STV 4892 BR	22.8
DP 555 R/R	22.2
PHYTOGEN 72	17.2
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	9.1

 AREALOMETER - I

FM 960B2R	1.67
PM 2167 RR	1.63
STV 4892 BR	1.61
DP 555 R/R	1.60
PHYTOGEN 72	1.48
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	0.19

 AREALOMETER - M (PERCENT)

PHYTOGEN 72	94
DP 555 R/R	90
STV 4892 BR	89
PM 2167 RR	88
FM 960B2R	87
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	7

 AREALOMETER - p (Microns)

PM 2167 RR	50.34
STV 4892 BR	49.55
FM 960B2R	48.33
DP 555 R/R	47.55
PHYTOGEN 72	42.90
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	3.25

AREALOMETER - w (MG/INCH)	
PM 2167 RR	4.79
STV 4892 BR	4.70
DP 555 R/R	4.37
FM 960B2R	4.32
PHYTOGEN 72	3.82
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	0.44

AREALOMETER - t (MICRONS)	
PM 2167 RR	3.1
STV 4892 BR	3.0
DP 555 R/R	3.0
PHYTOGEN 72	3.0
FM 960B2R	2.9
FM 832LL	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
GA 200009	.
LSD	0.3

SEED YIELD (LB/ACRE)	
FM 960B2R	1816
STV 4892 BR	1815
FM 832LL	1776
ST 5599BR	1759
DPL 491	1604
TAMCOT 22	1532
PHYTOGEN 72	1484
PM 2167 RR	1468
DP 555 R/R	1386
GA 200009	.
LSD	288

OIL (PERCENT)	
PM 2167 RR	21.48
ST 5599BR	21.32
FM 960B2R	20.52
TAMCOT 22	20.35
FM 832LL	20.34
PHYTOGEN 72	20.03
STV 4892 BR	18.54
DPL 491	17.58
DP 555 R/R	16.89
GA 200009	.
LSD	1.27

NITROGEN (PERCENT)	
TAMCOT 22	3.89
PM 2167 RR	3.79
DPL 491	3.72
DP 555 R/R	3.72
PHYTOGEN 72	3.67
STV 4892 BR	3.60
ST 5599BR	3.57
FM 832LL	3.52
FM 960B2R	3.45
GA 200009	.
LSD	0.20

NITROGEN (PERCENT)	
PM 2167 RR	3.88
STV 4892 BR	3.66
TAMCOT 22	3.65
PHY 410R	3.63
ST 5599BR	3.55
FM 832LL	3.54
DP 555 R/R	3.52
PHYTOGEN 72	3.51
SG 215BG/RR	3.49
DPL 491	3.47
FM 960B2R	3.43
LSD	0.22

MINUS GOSSYPOL	
DPL 491	0.57

TOTAL GOSSYPOL (PERCENT)	
STV 4892 BR	1.46

STV 4892 BR	0.56	ST 5599BR	1.39
ST 5599BR	0.48	DPL 491	1.24
TAMCOT 22	0.48	TAMCOT 22	1.21
FM 960B2R	0.46	FM 960B2R	1.09
PHYTOGEN 72	0.42	PM 2167 RR	1.04
FM 832LL	0.42	PHYTOGEN 72	1.01
DP 555 R/R	0.37	FM 832LL	0.93
PM 2167 RR	0.34	DP 555 R/R	0.91
GA 200009	.	GA 200009	.
LSD	0.06	LSD	0.18

LOCATION	LINT	BOLL	LINT	SEED	YARN	DIGITAL FIBROGRAPH		STELOMETER	
	YIELD	SIZE				TENACITY	2.5% S.L.	50% S.L.	T1	E1
	(lb/acre)	(g/boll)	PERCENT	INDEX	(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)
WESLACO, TX	1312	4.95	32.9	9.5	122	1.14	0.55	218	6.3
CHILLOCOTHE, TX	883	.	.	.	.	.	.	.	.
BEEVILLE, TX	868	5.07	42.6	10.1	121	1.09	0.54	211	7.0
COLLEGE STATION, TX	755	5.18	41.2	10.2	126	1.14	0.55	212	6.1

LOCATION	MICRO-NAIRE	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)					COLORIMETER	MICRO-NAIRE	SEED YIELD	OIL	NITR
		2.5% S.L.	UNIFO-MITY	STRE-NGTH	E	Rd					
	(reading)	(in.)	(%)	(g/tex)		HUNTER'S	(Reading)	(lb/ac)	(%)	(%)	
WESLACO, TX	4.58	1.12	82.6	30.8	7.4	68.7	7.6	4.64	2721	20.59	3.58
CHILLOCOTHE, TX	.	.	.	.	.	.	.	.	.	.	.
BEEVILLE, TX	4.58	1.07	82.2	31.2	7.5	69.7	7.4	4.72	1128	17.98	4.02
COLLEGE STATION, TX	4.72	1.13	82.8	31.2	7.5	70.8	7.5	4.77	1031	20.44	3.38

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS	MINUS	TOTAL	A	D	I	M	p	w	t
	(+)	(-)	(%)	---(mm2/mm3)---			(%)	(microns)	(mg/in)	(microns)
WESLACO, TX	0.75	0.49	1.24	420	22.3	1.60	90	47.83	4.41	3.0
CHILLOCOTHE, TX	.	.	.	.	.	.	.	.	.	.
BEEVILLE, TX	0.52	0.33	0.85	428	23.8	1.63	88	47.83	4.35	2.9
COLLEGE STATION, TX	0.79	0.54	1.33	415	20.9	1.57	91	47.54	4.44	3.0

LOCATION=COLLEGE STATION, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1251	ST 5599BR	925	6.14	42.9	11.0	119	1.14	0.54	209	6.0
1296	FM 832LL	850	5.86	39.7	11.4	143	1.19	0.57	229	5.9
1224	DP 555 R/R	820	4.30	45.5	7.7	107	1.06	0.49	198	5.8
1297	TAMCOT 22	792	5.31	41.9	10.0	114	1.17	0.55	186	6.8
1196	STV 4892 BR	775	5.25	41.0	10.2	123	1.12	0.57	204	6.6
1255	FM 960B2R	774	5.04	40.0	11.1	137	1.15	0.56	228	5.3
1201	DPL 491	756	5.16	42.7	9.6	133	1.20	0.55	235	5.3
1214	PM 2167 RR	580	4.46	38.9	10.0	118	1.03	0.54	187	6.6
1166	PHYTOGEN 72	523	5.08	38.2	10.6	145	1.19	0.60	233	6.7
.	LSD	101	1.09	2.1	0.8	11	0.05	0.04	23	0.7

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	OIL (%)	NITR OGEN (%)
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	E	Rd	HUNTER'S b	NAIRE (Reading)	YIELD (lb/ac)		
1251	ST 5599BR	5.10	1.10	83.0	31.0	7.6	68.5	7.7	5.05	1180	22.81	3.25
1296	FM 832LL	4.40	1.20	84.1	33.5	7.5	68.5	6.5	4.40	1277	20.51	3.33
1224	DP 555 R/R	5.10	1.10	80.9	29.0	6.8	72.0	7.4	5.10	888	17.84	3.32
1297	TAMCOT 22	4.40	1.15	81.0	26.5	7.1	72.5	8.1	4.35	1036	20.97	3.59
1196	STV 4892 BR	5.05	1.10	84.2	29.5	7.8	70.5	7.3	5.15	1076	19.57	3.38
1255	FM 960B2R	4.75	1.15	82.5	33.5	7.2	72.0	7.2	4.80	1137	21.72	3.11
1201	DPL 491	4.85	1.20	82.5	33.5	7.4	72.5	7.6	4.80	965	17.90	3.55
1214	PM 2167 RR	4.35	1.05	83.2	29.0	7.6	70.0	7.7	4.65	888	22.09	3.45
1166	PHYTOGEN 72	4.50	1.15	83.9	35.0	8.2	71.0	7.9	4.60	834	20.58	3.43
.	LSD	0.66	0.09	1.7	3.7	0.6	3.6	0.8	0.40	252	0.98	0.58

---GOSSYPOL LEVELS--- -----AREALOMETER DATA-----

VARIETY CODE	VARIETY NAME	PLUS	MINUS	TOTAL	A	D	M		p	w	t
		(+)	(-)	(%)	---(mm2/mm3)---	I	(%)	(microns)	(mg/in)	(microns)	
1251	ST 5599BR	1.09	0.59	1.68	.	.	.	.	.	.	.
1296	FM 832LL	0.62	0.51	1.13	.	.	.	.	.	.	.
1224	DP 555 R/R	0.63	0.48	1.10	401	18.5	1.52	93	47.49	4.57	3.2
1297	TAMCOT 22	0.89	0.60	1.49	.	.	.	.	.	.	.
1196	STV 4892 BR	1.04	0.66	1.70	406	22.8	1.61	89	49.87	4.75	3.1

1255	FM 960B2R	0.66	0.51	1.17	410	20.8	1.57	91	48.01	4.53	3.1
1201	DPL 491	0.73	0.64	1.37	.	.	.	.	.	.	.
1214	PM 2167 RR	0.85	0.43	1.28	419	24.5	1.65	88	49.51	4.58	3.0
1166	PHYTOGEN 72	0.63	0.45	1.08	439	17.8	1.50	94	42.83	3.77	2.9
.	LSD	0.16	0.16	0.25	24.3	3.2	0.07	2	2.94	0.55	0.2

LOCATION=WESLACO, TX

VARIETY CODE	VARIETY NAME	LINT YIELD (lb/acre)	BOLL SIZE (g/boll)	LINT PERCENT	SEED INDEX	YARN TENACITY (mN/TEX)	DIGITAL FIBROGRAPH 2.5% S.L. (inches)	50% S.L. (inches)	STELOMETER T1 (mN/tex)	E1 (%)
1201	DPL 491	1511	5.23	34.5	9.0	126	1.18	0.55	217	6.2
1255	FM 960B2R	1470	4.98	31.8	11.2	130	1.17	0.56	230	4.8
1224	DP 555 R/R	1374	3.89	35.5	7.4	100	1.11	0.52	203	5.8
1251	ST 5599BR	1365	5.47	33.7	9.8	116	1.12	0.53	206	6.2
1196	STV 4892 BR	1363	4.64	33.7	9.6	122	1.10	0.56	210	7.0
1297	TAMCOT 22	1296	5.14	33.5	9.4	106	1.11	0.52	193	7.9
1296	FM 832LL	1257	5.78	31.6	10.2	142	1.21	0.58	245	5.7
1166	PHYTOGEN 72	1150	4.59	30.9	9.5	136	1.18	0.58	249	7.2
1214	PM 2167 RR	1024	4.81	31.4	9.2	123	1.07	0.55	211	6.3
.	LSD	217	0.69	1.6	0.6	7	0.02	0.02	16	1.0

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)

VARIETY CODE	VARIETY NAME	MICRO- NAIRE (reading)	2.5% S.L. (in.)	UNIFO- MITY (%)	STRE- NGTH (g/tex)	SEED E	COLORIMETER HUNTER'S Rd	b	MICRO- NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1201	DPL 491	4.65	1.20	83.0	31.0	7.2	68.5	7.5	4.70	2640	18.03	3.59
1255	FM 960B2R	4.65	1.15	81.7	34.0	7.2	69.5	7.2	4.65	3273	22.22	3.38
1224	DP 555 R/R	4.80	1.10	80.9	30.0	7.0	71.5	6.6	4.95	2336	17.97	3.85
1251	ST 5599BR	4.50	1.10	82.0	29.5	7.2	69.5	7.8	4.65	2842	22.48	3.47
1196	STV 4892 BR	4.85	1.10	83.4	30.5	7.9	67.0	7.4	4.85	2779	19.00	3.62
1297	TAMCOT 22	4.30	1.10	83.1	28.5	7.5	71.5	8.9	4.40	2667	21.50	3.85
1296	FM 832LL	4.50	1.20	83.5	33.0	7.3	69.5	6.9	4.45	2851	20.82	3.35
1166	PHYTOGEN 72	4.35	1.15	82.8	32.5	7.8	65.5	8.3	4.55	2624	21.51	3.44
1214	PM 2167 RR	4.65	1.00	82.8	28.5	7.5	66.0	7.8	4.55	2475	21.80	3.64
.	LSD	0.54	0.07	1.0	2.2	0.3	2.6	1.0	0.44	940	1.17	0.36

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1201	DPL 491	0.70	0.58	1.28	.	.	.	.	.	.	.
1255	FM 960B2R	0.71	0.52	1.23	431	20.5	1.56	91	45.55	4.09	2.9
1224	DP 555 R/R	0.57	0.39	0.95	415	21.5	1.58	91	47.89	4.46	3.0
1251	ST 5599BR	1.07	0.54	1.61	.	.	.	.	.	.	.
1196	STV 4892 BR	0.99	0.62	1.61	412	26.5	1.69	86	51.53	4.84	3.0
1297	TAMCOT 22	0.78	0.51	1.29	.	.	.	.	.	.	.
1296	FM 832LL	0.55	0.45	1.00	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.64	0.48	1.12	422	16.8	1.47	94	43.81	4.01	3.1
1214	PM 2167 RR	0.74	0.36	1.10	419	26.0	1.68	87	50.39	4.65	3.0
.	LSD	0.09	0.09	0.14	30.2	11.6	0.26	10	7.11	0.76	0.3

LOCATION=BEEVILLE, TX

VARIETY CODE	VARIETY NAME	LINT	BOLL	LINT PERCENT	SEED INDEX	YARN	DIGITAL FIBROGRAPH		STELOMETER	
		YIELD (lb/acre)	SIZE (g/boll)			TENACITY (mN/TEX)	2.5% S.L. (inches)	50% S.L. (inches)	T1 (mN/tex)	E1 (%)
1251	ST 5599BR	1190	5.43	44.3	10.5	111	1.08	0.54	206	6.2
1196	STV 4892 BR	1150	5.26	43.9	10.2	119	1.08	0.53	197	6.5
1296	FM 832LL	924	5.64	42.3	11.0	135	1.15	0.56	240	5.8
1201	DPL 491	857	5.42	43.4	9.6	129	1.15	0.56	210	6.7
1224	DP 555 R/R	784	4.10	43.0	8.9	112	1.04	0.50	191	6.0
1255	FM 960B2R	775	4.64	41.5	10.2	112	1.07	0.52	197	8.3
1214	PM 2167 RR	773	5.22	40.4	12.0	118	1.00	0.53	207	7.3
1297	TAMCOT 22	682	4.71	43.2	8.8	107	1.10	0.54	182	8.5
1166	PHYTOGEN 72	673	5.19	41.3	10.1	143	1.15	0.58	272	8.3
.	LSD	288	1.30	3.3	1.4	16	0.08	0.05	25	0.3

SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)

VARIETY CODE	VARIETY NAME	MICRO-	2.5%	UNIFO-	STRE-	COLORIMETER			MICRO-	SEED	NITR	
		NAIRE (reading)	S.L. (in.)	MITY (%)	NGTH (g/tex)	E	Rd	HUNTER'S b	NAIRE (Reading)	YIELD (lb/ac)	OIL (%)	OGEN (%)
1251	ST 5599BR	5.20	1.05	82.8	31.0	7.3	68.5	7.6	5.25	1255	18.68	4.00
1196	STV 4892 BR	4.70	1.10	83.0	30.0	7.4	67.0	7.6	4.90	1591	17.05	3.80
1296	FM 832LL	4.65	1.10	83.3	34.0	7.5	69.5	6.7	4.90	1201	19.69	3.89
1201	DPL 491	4.75	1.10	82.8	32.0	7.4	70.0	7.6	4.80	1207	16.82	4.03
1224	DP 555 R/R	4.50	1.00	80.0	29.0	6.6	69.0	6.5	4.40	934	14.87	3.98

1255	FM 960B2R	4.20	1.10	80.8	29.0	7.9	73.0	7.9	4.10	1038	17.63	3.87
1214	PM 2167 RR	4.90	0.90	82.7	33.0	8.3	70.0	7.8	5.40	1042	20.55	4.27
1297	TAMCOT 22	4.00	1.10	81.6	28.0	7.4	71.0	7.6	4.30	894	18.58	4.24
1166	PHYTOGEN 72	4.35	1.20	83.3	35.0	7.9	69.0	7.6	4.40	994	17.99	4.14
.	LSD	0.72	0.14	1.2	3.9	0.5	5.2	0.9	0.57	697	2.90	0.55

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A --- (mm2/mm3) ---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1251	ST 5599BR	0.60	0.30	0.90	.	.	.	.	.	.	.
1196	STV 4892 BR	0.67	0.40	1.07	406	19.0	1.53	92	47.25	4.50	3.1
1296	FM 832LL	0.37	0.29	0.66	.	.	.	.	.	.	.
1201	DPL 491	0.61	0.48	1.09	.	.	.	.	.	.	.
1224	DP 555 R/R	0.43	0.24	0.67	449	26.5	1.69	86	47.28	4.07	2.7
1255	FM 960B2R	0.51	0.35	0.86	459	36.0	1.88	79	51.42	4.33	2.6
1214	PM 2167 RR	0.49	0.24	0.73	384	20.5	1.56	91	51.14	5.15	3.3
1297	TAMCOT 22	0.54	0.32	0.86
1166	PHYTOGEN 72	0.50	0.34	0.84	443	17.0	1.48	94	42.06	3.68	2.9
.	LSD	0.29	0.29	0.48

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