



2006 National Cotton Variety Test

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

2006 BLACKLANDS REGIONAL COTTON VARIETY TEST

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 (%)
1296	FM 832LL	417	4.13	42.2	9.3	151	1.15	0.56	217	5.4
1224	DP 555 R/R	240	3.61	46.8	6.4	94	1.00	0.48	168	5.0

1166	PHYTOGEN 72	228	3.77	42.4	8.6	154	1.08	0.54	228	6.9
1297	TAMCOT 22	220	3.53	44.9	7.9	105	1.03	0.50	192	5.6
1251	ST 5599BR	217	3.89	44.4	8.7	107	1.02	0.49	174	4.8
1298	PHY 410R	212	3.25	44.6	8.2	132	1.05	0.53	212	6.9
1196	STV 4892 BR	206	3.60	45.1	8.6	123	1.02	0.51	179	5.7
1201	DPL 491	203	3.42	45.4	7.6	113	1.09	0.51	181	5.0
1255	FM 960B2R	182	3.48	44.6	8.5	96	1.06	0.50	188	5.2
1299	SG 215BG/RR	173	3.52	44.9	7.9	93	1.02	0.49	165	5.9
1214	PM 2167 RR	168	3.19	42.4	8.1	104	0.97	0.49	159	5.8
.	LSD	118	.	.	0.7	25	0.04	0.03	26	1.5

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)	E	COLORIMETER HUNTER'S Rd	b	MICRO-NAIRE (Reading)	SEED YIELD (lb/ac)	OIL (%)	NITR OGEN (%)
1296	FM 832LL	4.15	1.15	83.1	31.0	7.2	70.5	7.6	4.10	641	18.56	3.54
1224	DP 555 R/R	4.48	1.00	79.8	25.3	5.8	67.8	8.3	4.75	474	14.44	3.52
1166	PHYTOGEN 72	4.40	1.10	82.1	31.5	7.7	62.8	9.4	4.35	695	17.95	3.51
1297	TAMCOT 22	3.95	1.03	79.9	24.8	6.8	65.5	8.9	3.93	486	19.32	3.65
1251	ST 5599BR	4.60	1.03	80.9	26.8	6.7	63.8	9.1	4.53	434	19.35	3.55
1298	PHY 410R	4.50	1.03	82.9	29.3	7.8	62.3	9.2	4.63	359	18.31	3.63
1196	STV 4892 BR	4.78	1.00	82.0	28.3	7.0	63.3	9.4	4.75	359	16.37	3.66
1201	DPL 491	4.40	1.05	81.2	28.5	6.7	63.0	9.2	4.45	369	16.25	3.47
1255	FM 960B2R	4.20	1.05	79.9	26.0	5.7	65.8	8.4	4.23	373	17.48	3.43
1299	SG 215BG/RR	4.60	0.98	82.0	24.8	7.1	65.8	9.2	4.58	275	15.73	3.49
1214	PM 2167 RR	4.38	0.95	81.3	26.5	6.7	61.3	9.1	4.55	391	18.97	3.88
.	LSD	0.50	0.07	1.1	2.8	0.3	3.9	0.8	0.48	.	1.97	0.22

---GOSSYPOL LEVELS---

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

VARIETY CODE	VARIETY NAME	PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1296	FM 832LL	0.43	0.33	0.76	.	.	.	.	.	.	.
1224	DP 555 R/R	0.52	0.29	0.81	438	24.8	1.65	87	47.37	4.18	2.8
1166	PHYTOGEN 72	0.46	0.28	0.74	458	22.9	1.61	89	44.28	3.74	2.7
1297	TAMCOT 22	0.61	0.35	0.95	.	.	.	.	.	.	.
1251	ST 5599BR	0.73	0.31	1.04	.	.	.	.	.	.	.
1298	PHY 410R	0.65	0.34	1.00	.	.	.	.	.	.	.
1196	STV 4892 BR	0.67	0.36	1.03	434	26.1	1.68	86	48.68	4.33	2.8
1201	DPL 491	0.63	0.46	1.10	.	.	.	.	.	.	.
1255	FM 960B2R	0.42	0.30	0.72	469	30.1	1.76	83	47.39	3.92	2.6

1299	SG 215BG/RR	0.48	0.28	0.76	.	.	.	.	.	.
1214	PM 2167 RR	0.54	0.23	0.77	443	31.1	1.78	82	50.69	4.45	2.7
.	LSD	0.13	0.06	0.17	41.2	3.2	0.07	3	5.62	0.87	0.2

BOLL SIZE, GRAM PER BOLL

FM 832LL	4.13
ST 5599BR	3.89
PHYTOGEN 72	3.77
DP 555 R/R	3.61
STV 4892 BR	3.60
TAMCOT 22	3.53
SG 215BG/RR	3.52
FM 960B2R	3.48
DPL 491	3.42
PHY 410R	3.25
PM 2167 RR	3.19
LSD	.

LINT PERCENT

DP 555 R/R	46.8
DPL 491	45.4
STV 4892 BR	45.1
SG 215BG/RR	44.9
TAMCOT 22	44.9
PHY 410R	44.6
FM 960B2R	44.6
ST 5599BR	44.4
PM 2167 RR	42.4
PHYTOGEN 72	42.4
FM 832LL	42.2
LSD	.

SEED INDEX

FM 832LL	9.3
ST 5599BR	8.7
STV 4892 BR	8.6
PHYTOGEN 72	8.6
FM 960B2R	8.5
PHY 410R	8.2
PM 2167 RR	8.1
SG 215BG/RR	7.9
TAMCOT 22	7.9
DPL 491	7.6
DP 555 R/R	6.4
LSD	0.7

2.5% S.L. (INCHES)

FM 832LL	1.15
PHYTOGEN 72	1.10
FM 960B2R	1.05
DPL 491	1.05
ST 5599BR	1.03
PHY 410R	1.03
TAMCOT 22	1.03
STV 4892 BR	1.00
DP 555 R/R	1.00
SG 215BG/RR	0.98
PM 2167 RR	0.95
LSD	0.07

UR (PERCENT)

FM 832LL	83.1
PHY 410R	82.9
PHYTOGEN 72	82.1
STV 4892 BR	82.0
SG 215BG/RR	82.0
PM 2167 RR	81.3
DPL 491	81.2
ST 5599BR	80.9
FM 960B2R	79.9
TAMCOT 22	79.9
DP 555 R/R	79.8
LSD	1.1

STRENGTH (G/TEX)

PHYTOGEN 72	31.5
FM 832LL	31.0
PHY 410R	29.3
DPL 491	28.5
STV 4892 BR	28.3
ST 5599BR	26.8
PM 2167 RR	26.5
FM 960B2R	26.0
DP 555 R/R	25.3
SG 215BG/RR	24.8
TAMCOT 22	24.8
LSD	2.8

E	
PHY 410R	7.8
PHYTOGEN 72	7.7
FM 832LL	7.2
SG 215BG/RR	7.1
STV 4892 BR	7.0
TAMCOT 22	6.8
DPL 491	6.7
PM 2167 RR	6.7
ST 5599BR	6.7
DP 555 R/R	5.8
FM 960B2R	5.7
LSD	0.3

MICRONAIRE (SL-HVI)	
PM 2167 RR	5.20
STV 4892 BR	5.15
PHYTOGEN 72	4.75
FM 989RR	4.70
DP 555 R/R	4.55
FM 960B2R	4.55
NM 03S1065	4.45
NM 03K1028	4.40
ACALA 1517-99	4.35
NM 03K1155	3.80

COLORIMETER - Rd	
FM 832LL	70.5
DP 555 R/R	67.8
SG 215BG/RR	65.8
FM 960B2R	65.8
TAMCOT 22	65.5
ST 5599BR	63.8
STV 4892 BR	63.3
DPL 491	63.0
PHYTOGEN 72	62.8
PHY 410R	62.3
PM 2167 RR	61.3
LSD	3.9

COLORIMETER - b	
PHYTOGEN 72	8.9
STV 4892 BR	8.3
PM 2167 RR	8.2
ACALA 1517-99	7.9
NM 03S1065	7.7
FM 989RR	7.7
NM 03K1155	7.5
FM 960B2R	7.4
DP 555 R/R	7.2
NM 03K1028	7.1

MICRONAIRE	
STV 4892 BR	4.78
SG 215BG/RR	4.60
ST 5599BR	4.60
PHY 410R	4.50
DP 555 R/R	4.48
DPL 491	4.40
PHYTOGEN 72	4.40
PM 2167 RR	4.38
FM 960B2R	4.20
FM 832LL	4.15
TAMCOT 22	3.95
LSD	0.50

STELOMETER - E1	
PHY 410R	6.9
PHYTOGEN 72	6.9
SG 215BG/RR	5.9
PM 2167 RR	5.8
STV 4892 BR	5.7
TAMCOT 22	5.6
FM 832LL	5.4
FM 960B2R	5.2
DPL 491	5.0
DP 555 R/R	5.0
ST 5599BR	4.8
LSD	1.5

STELOMETER - T1	
PHYTOGEN 72	228
FM 832LL	217
PHY 410R	212
TAMCOT 22	192

FIBROGRAPH--50% S.L.	
FM 832LL	0.56
PHYTOGEN 72	0.54
PHY 410R	0.53
DPL 491	0.51

FIBROGRAPH--2.5% S.L.	
FM 832LL	1.15
DPL 491	1.09
PHYTOGEN 72	1.08
FM 960B2R	1.06

FM 960B2R	188
DPL 491	181
STV 4892 BR	179
ST 5599BR	174
DP 555 R/R	168
SG 215BG/RR	165
PM 2167 RR	159
LSD	26

STV 4892 BR	0.51
TAMCOT 22	0.50
FM 960B2R	0.50
ST 5599BR	0.49
PM 2167 RR	0.49
SG 215BG/RR	0.49
DP 555 R/R	0.48
LSD	0.03

PHY 410R	1.05
TAMCOT 22	1.03
STV 4892 BR	1.02
ST 5599BR	1.02
SG 215BG/RR	1.02
DP 555 R/R	1.00
PM 2167 RR	0.97
LSD	0.04

 YARN TENACITY

PHYTOGEN 72	154
FM 832LL	151
PHY 410R	132
STV 4892 BR	123
DPL 491	113
ST 5599BR	107
TAMCOT 22	105
PM 2167 RR	104
FM 960B2R	96
DP 555 R/R	94
SG 215BG/RR	93
LSD	25

 AREALOMETER - A (mm2/mm3)

DP 555 R/R	436
FM 960B2R	436
PHYTOGEN 72	425
STV 4892 BR	410
PM 2167 RR	396
NM 03K1155	.
ACALA 1517-99	.
NM 03S1065	.
NM 03K1028	.
FM 989RR	.

 AREALOMETER - D (mm2/mm3)

PM 2167 RR	31.1
FM 960B2R	30.1
STV 4892 BR	26.1
DP 555 R/R	24.8
PHYTOGEN 72	22.9
FM 832LL	.
PHY 410R	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
SG 215BG/RR	.
LSD	3.2

 AREALOMETER - I

PM 2167 RR	1.78
FM 960B2R	1.76
STV 4892 BR	1.68
DP 555 R/R	1.65
PHYTOGEN 72	1.61
FM 832LL	.
PHY 410R	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.

 AREALOMETER - M (PERCENT)

PHYTOGEN 72	89
DP 555 R/R	87
STV 4892 BR	86
FM 960B2R	83
PM 2167 RR	82
FM 832LL	.
PHY 410R	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.

 AREALOMETER - p (Microns)

PM 2167 RR	50.69
STV 4892 BR	48.68
FM 960B2R	47.39
DP 555 R/R	47.37
PHYTOGEN 72	44.28
FM 832LL	.
PHY 410R	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.

SG 215BG/RR .
LSD 0.07

SG 215BG/RR .
LSD 3

SG 215BG/RR .
LSD 5.62

AREALOMETER - w (MG/INCH)

PM 2167 RR	4.45
STV 4892 BR	4.33
DP 555 R/R	4.18
FM 960B2R	3.92
PHYTOGEN 72	3.74
FM 832LL	.
PHY 410R	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
SG 215BG/RR	.
LSD	0.87

AREALOMETER - t (MICRONS)

DP 555 R/R	2.8
STV 4892 BR	2.8
PHYTOGEN 72	2.7
PM 2167 RR	2.7
FM 960B2R	2.6
FM 832LL	.
PHY 410R	.
DPL 491	.
ST 5599BR	.
TAMCOT 22	.
SG 215BG/RR	.
LSD	0.2

SEED YIELD (LB/ACRE)

PHYTOGEN 72	695
FM 832LL	641
TAMCOT 22	486
DP 555 R/R	474
ST 5599BR	434
PM 2167 RR	391
FM 960B2R	373
DPL 491	369
PHY 410R	359
STV 4892 BR	359
SG 215BG/RR	275
LSD	.

OIL (PERCENT)

ST 5599BR	19.35
TAMCOT 22	19.32
PM 2167 RR	18.97
FM 832LL	18.56
PHY 410R	18.31
PHYTOGEN 72	17.95
FM 960B2R	17.48
STV 4892 BR	16.37
DPL 491	16.25
SG 215BG/RR	15.73
DP 555 R/R	14.44
LSD	1.97

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

PLUS GOSSYPOL

ST 5599BR	0.73
STV 4892 BR	0.67
PHY 410R	0.65
DPL 491	0.63
TAMCOT 22	0.61
PM 2167 RR	0.54
DP 555 R/R	0.52
SG 215BG/RR	0.48
PHYTOGEN 72	0.46
FM 832LL	0.43
FM 960B2R	0.42
LSD	0.13

MINUS GOSSYPOL		TOTAL GOSSYPOL (PERCENT)	
DPL 491	0.46	DPL 491	1.10
STV 4892 BR	0.36	ST 5599BR	1.04
TAMCOT 22	0.35	STV 4892 BR	1.03
PHY 410R	0.34	PHY 410R	1.00
FM 832LL	0.33	TAMCOT 22	0.95
ST 5599BR	0.31	DP 555 R/R	0.81
FM 960B2R	0.30	PM 2167 RR	0.77
DP 555 R/R	0.29	SG 215BG/RR	0.76
SG 215BG/RR	0.28	FM 832LL	0.76
PHYTOGEN 72	0.28	PHYTOGEN 72	0.74
PM 2167 RR	0.23	FM 960B2R	0.72
LSD	0.06	LSD	0.17

LOCATION	LINT	BOLL	LINT	SEED	YARN		DIGITAL FIBROGRAPH		STELOMETER	
	YIELD	SIZE			INDEX	TENACITY	2.5% S.L.	50% S.L.	T1	E1
	(lb/acre)	(g/boll)	PERCENT	INDEX	(mN/TEX)	(inches)	(inches)	(mN/tex)	(%)	(%)
THRALL, TX	314	3.58	44.3	8.2	119	1.07	0.52	197	5.7	
DALLAS, TX	106	.	.	8.0	94	1.00	0.49	174	5.6	

LOCATION	SL-HVI Starlab (Calibrated to USDA SL-HVI Std.)										
	MICRO-NAIRE	2.5% S.L.	UNIFO-MITY	STRE-NGTH	E	COLORIMETER HUNTER'S	MICRO-NAIRE	SEED YIELD	OIL	NITR OGEN	
	(reading)	(in.)	(%)	(g/tex)		Rd	b (Reading)	(lb/ac)	(%)	(%)	
THRALL, TX	4.17	1.05	81.9	27.6	7.0	71.0	8.8	4.22	441	16.89	3.45
DALLAS, TX	4.68	1.00	80.6	27.1	6.6	57.2	9.1	4.72	.	18.11	3.72

LOCATION	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
	PLUS (+)	MINUS (-)	TOTAL (%)	A	D	I	M	p	w	t
				---(mm2/mm3)---			(%)	(microns)	(mg/in)	(microns)
THRALL, TX	0.53	0.33	0.86	462	28.5	1.73	84	47.13	3.95	2.6
DALLAS, TX	0.60	0.31	0.91	435	25.5	1.67	87	48.23	4.29	2.8

LOCATION=DALLAS, 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 (%)
1299	SG 215BG/RR	149	.	.	7.9	88	1.01	0.48	163	5.2
1298	PHY 410R	139	.	.	8.2	.	1.03	0.52	195	6.7
1251	ST 5599BR	117	.	.	8.8	96	1.01	0.50	172	4.4
1196	STV 4892 BR	115	.	.	8.8	.	0.99	0.50	162	5.7
1224	DP 555 R/R	111	.	.	6.3	87	0.98	0.47	158	5.2
1201	DPL 491	104	.	.	7.7	111	1.05	0.50	180	4.8
1297	TAMCOT 22	101	.	.	7.4	.	1.00	0.48	173	5.0
1255	FM 960B2R	93	.	.	8.8	.	1.01	0.49	181	5.8
1214	PM 2167 RR	65	.	.	8.0	90	0.94	0.48	136	6.4
1166	PHYTOGEN 72	63	.	.	8.4	.	1.04	0.51	223	7.3
.	LSD	41	.	.	0.9	.	0.05	0.03	35	1.6

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)	SEED YIELD (lb/ac)	COLORIMETER HUNTER'S E	Rd	b	MICRO-NAIRE (Reading)	OIL (%)	NITROGEN (%)
1299	SG 215BG/RR	4.85	0.95	81.1	25.0	6.9	59.0	9.1	4.85	.	16.82	3.74
1298	PHY 410R	4.65	1.00	82.5	29.0	7.6	56.5	9.2	4.80	.	18.87	3.74
1251	ST 5599BR	5.05	1.00	80.8	27.0	6.6	58.5	9.5	4.80	.	20.70	3.65
1196	STV 4892 BR	4.95	1.00	80.9	27.0	6.7	56.0	9.3	4.80	.	17.40	3.76
1224	DP 555 R/R	4.80	1.00	79.3	25.0	5.6	61.0	8.2	5.30	.	14.37	3.60
1201	DPL 491	4.50	1.00	81.2	29.0	6.5	55.5	9.6	4.65	.	16.86	3.71
1297	TAMCOT 22	3.95	1.00	79.3	24.0	6.4	60.0	9.1	4.00	.	19.74	3.86
1255	FM 960B2R	4.60	1.00	79.1	28.0	5.7	57.0	8.6	4.50	.	18.86	3.59
1214	PM 2167 RR	4.85	0.90	80.5	25.5	6.6	54.0	9.6	4.95	.	20.00	3.97
1166	PHYTOGEN 72	4.60	1.10	81.6	31.0	7.5	54.0	9.3	4.50	.	17.45	3.60
.	LSD	0.18	0.07	1.5	3.3	0.8	4.0	1.1	0.52	.	1.36	0.28

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1299	SG 215BG/RR	0.51	0.28	0.79	.	.	.	.	.	.	.
1298	PHY 410R	0.69	0.34	1.03	.	.	.	.	.	.	.
1251	ST 5599BR	0.76	0.32	1.08	.	.	.	.	.	.	.
1196	STV 4892 BR	0.67	0.33	1.00	431	24.5	1.65	88	48.12	4.32	2.9
1224	DP 555 R/R	0.56	0.30	0.86	428	22.5	1.61	89	47.12	4.26	2.9
1201	DPL 491	0.67	0.45	1.12	.	.	.	.	.	.	.
1297	TAMCOT 22	0.56	0.30	0.86	.	.	.	.	.	.	.
1255	FM 960B2R	0.53	0.30	0.83	446	30.0	1.76	83	49.60	4.29	2.7
1214	PM 2167 RR	0.58	0.24	0.82	417	29.5	1.75	84	52.79	4.90	2.9
1166	PHYTOGEN 72	0.47	0.26	0.72	454	21.0	1.57	91	43.53	3.71	2.8
.	LSD	0.13	0.13	0.20	20.0	11.2	0.24	9	7.64	0.79	0.2

LOCATION=THRALL, 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 (%)
1296	FM 832LL	417	4.13	42.2	9.3	151	1.15	0.56	217	5.4
1166	PHYTOGEN 72	393	3.77	42.4	8.8	154	1.13	0.56	233	6.4
1224	DP 555 R/R	370	3.61	46.8	6.4	101	1.02	0.49	178	4.8
1297	TAMCOT 22	339	3.53	44.9	8.5	105	1.06	0.51	212	6.3
1251	ST 5599BR	316	3.89	44.4	8.6	117	1.04	0.49	176	5.2
1201	DPL 491	302	3.42	45.4	7.4	116	1.12	0.53	183	5.3
1196	STV 4892 BR	298	3.60	45.1	8.4	123	1.06	0.53	196	5.7
1298	PHY 410R	284	3.25	44.6	8.2	132	1.08	0.54	229	7.1
1255	FM 960B2R	270	3.48	44.6	8.2	96	1.11	0.50	195	4.6
1214	PM 2167 RR	270	3.19	42.4	8.3	117	1.01	0.51	181	5.2
1299	SG 215BG/RR	196	3.52	44.9	8.0	98	1.03	0.50	167	6.6
.	LSD	124	0.66	1.7	1.0	13	0.04	0.02	25	0.9

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	b	NAIRE (Reading)	YIELD (lb/ac)		
1296	FM 832LL	4.15	1.15	83.1	31.0	7.2	70.5	7.6	4.10	641	18.56	3.54

1166	PHYTOGEN 72	4.20	1.10	82.7	32.0	7.9	71.5	9.5	4.20	695	18.45	3.43
1224	DP 555 R/R	4.15	1.00	80.4	25.5	6.0	74.5	8.5	4.20	474	14.51	3.45
1297	TAMCOT 22	3.95	1.05	80.4	25.5	7.1	71.0	8.7	3.85	486	18.89	3.45
1251	ST 5599BR	4.15	1.05	80.9	26.5	6.7	69.0	8.7	4.25	434	18.00	3.45
1201	DPL 491	4.30	1.10	81.3	28.0	6.9	70.5	8.9	4.25	369	15.64	3.23
1196	STV 4892 BR	4.60	1.00	83.1	29.5	7.4	70.5	9.5	4.70	359	15.33	3.56
1298	PHY 410R	4.35	1.05	83.4	29.5	8.0	68.0	9.2	4.45	359	17.75	3.53
1255	FM 960B2R	3.80	1.10	80.8	24.0	5.8	74.5	8.2	3.95	373	16.11	3.27
1214	PM 2167 RR	3.90	1.00	82.1	27.5	6.8	68.5	8.6	4.15	391	17.93	3.80
1299	SG 215BG/RR	4.35	1.00	82.8	24.5	7.4	72.5	9.4	4.30	275	14.63	3.24
.	LSD	0.72	0.10	1.4	2.3	0.6	3.4	0.7	0.54	274	0.91	0.17

VARIETY CODE	VARIETY NAME	---GOSSYPOL LEVELS---			-----AREALOMETER DATA-----						
		PLUS (+)	MINUS (-)	TOTAL (%)	A ---(mm2/mm3)---	D	I	M (%)	p (microns)	w (mg/in)	t (microns)
1296	FM 832LL	0.43	0.33	0.76	.	.	.	.	.	.	.
1166	PHYTOGEN 72	0.46	0.30	0.76	462	24.8	1.66	88	45.03	3.77	2.7
1224	DP 555 R/R	0.49	0.28	0.77	449	27.0	1.70	86	47.62	4.11	2.8
1297	TAMCOT 22	0.65	0.40	1.05	.	.	.	.	.	.	.
1251	ST 5599BR	0.69	0.31	1.00	.	.	.	.	.	.	.
1201	DPL 491	0.60	0.48	1.08	.	.	.	.	.	.	.
1196	STV 4892 BR	0.68	0.40	1.07	438	27.8	1.72	85	49.24	4.34	2.8
1298	PHY 410R	0.62	0.35	0.97	.	.	.	.	.	.	.
1255	FM 960B2R	0.31	0.31	0.62	492	30.3	1.77	83	45.18	3.56	2.5
1214	PM 2167 RR	0.50	0.23	0.73	470	32.8	1.82	81	48.59	4.00	2.6
1299	SG 215BG/RR	0.45	0.29	0.74
.	LSD	0.06	0.06	0.10	21.5	4.1	0.08	4	2.64	0.35	0.2

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