

2010 PIMA SJVCB VARIETY TRIALS - SEED COTTON YIELD (LBS/A)

SEEDCOTTON YIELD - 2010

University of California / San Joaquin Valley Cotton Board
 YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries

1/30/2011

Questions? Contact - Bob Hutmacher (Univ. CA) cell # (559) 260-8957 or e-mail: rbhutmacher@ucdavis.edu	Cooperative Project by: San Joaquin Valley Cotton Board / University of California / Various Seed Companies California Department of Food and Agriculture / Supima Association Cooperators: Hutmacher, Wright, Munk, Marsh, Keeley, Delgado, Banuelos, Wroble
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VARIETY	SOURCE OF VARIETY & SVJ COTTON BOARD STATUS	40" ROWS SHAFTER	40" WSREC	30" CORCORAN	38" HURON	40" MENDOTA	SEED COTTON
							(LBS/ACRE) MEAN
DP-360	Olvey & Assoc / Monsanto - 3rd year (entered as OA-360)	1910	3425	3330	4280	2777	3144
PHY-802 RF	Phytogen - 3rd year (entered as P07X.8212 RF)	1581	2641	3753	3963	3141	3016
PHY-804 RF	Phytogen - 2nd year (entered as P07X.8244 RF)	1934	3450	3805	4329	3537	3411
PHY-805RF	Phytogen - 3rd year (entered as P07X.8213 RF)	1838	3098	3744	4057	3187	3185
PHY-800	SJVCB Pima Standard	1829	3079	3743	4486	3442	3316
COBALT	SJVCB Approved Variety - check	2522	4106	3760	4664	2832	3577
DP-357	SJVCB Approved Variety - check	2470	4110	3868	4815	3497	3752
MEAN		2012	3416	3715	4371	3202	3343
LSD 0.05		247	535	275	297	366	153
CV%		8.3	10.5	4.9	4.6	7.7	6.9
P		0.000	0.000	0.017	0.000	0.001	0.000

VAR * LOC
 LSD 0.05 425
 %CV 9.0
 P 0.000

2010 PIMA SJVCB VARIETY TRIALS - LINT %

LINT PERCENT - 2010 1/30/2011

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VARIETY	SOURCE OF VARIETY & SJVCB COTTON BOARD STATUS	40" ROWS SHAFTER	40" WSREC	30" CORCORAN	38" HURON	40" MENDOTA	LINT % MEAN
DP-360	Olvey & Assoc / Monsanto - 3rd year (entered as OA-360)	35.9	36.5	37.3	37.5	37.2	36.9
PHY-802 RF	Phytogen - 3rd year (entered as P07X.8212 RF)	35.5	36.6	37.9	37.5	37.5	37.0
PHY-804 RF	Phytogen - 2nd year (entered as P07X.8244 RF)	35.9	37.4	38.5	38.3	38.4	37.7
PHY-805RF	Phytogen - 3rd year (entered as P07X.8213 RF)	37.4	37.3	38.8	38.2	38.1	38.0
PHY-800	SJVCB Pima Standard	35.4	36.3	37.5	36.6	37.2	36.6
COBALT	SJVCB Approved Variety - check	35.7	36.3	37.4	36.1	36.6	36.4
DP-357	SJVCB Approved Variety - check	35.7	36.7	37.9	37.3	37.4	37.0
MEAN		35.9	36.7	37.9	37.4	37.5	37.1
LSD 0.05		0.8		0.9	0.8	0.8	0.4
LSD 0.10			0.7				
CV%		1.6	1.6	1.7	1.5	1.5	1.8
P		0.001	0.057	0.021	0.000	0.006	0.000

VAR * LOC
 LSD 0.05 NS
 %CV 1.6
 P 0.391

2010 PIMA SJVCB VARIETY TRIALS - GIN TURNOUT %

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VARIETY	SOURCE OF VARIETY & SVJ COTTON BOARD STATUS	40" ROWS SHAFTER	40" WSREC	30" CORCORAN	38" HURON	40" MENDOTA	GIN T.O. % MEAN
DP-360	Olvey & Assoc / Monsanto - 3rd year (entered as OA-360)	32.4	32.0	33.4	32.5	32.4	32.5
PHY-802 RF	Phytogen - 3rd year (entered as P07X.8212 RF)	31.1	31.6	33.8	32.3	32.2	32.2
PHY-804 RF	Phytogen - 2nd year (entered as P07X.8244 RF)	31.9	31.9	34.3	33.7	33.4	33.0
PHY-805RF	Phytogen - 3rd year (entered as P07X.8213 RF)	33.2	32.2	34.6	33.0	32.8	33.2
PHY-800	SJVCB Pima Standard	31.4	31.7	33.5	31.5	31.7	32.0
COBALT	SJVCB Approved Variety - check	32.6	32.1	33.8	31.5	31.9	32.4
DP-357	SJVCB Approved Variety - check	32.4	32.8	34.5	32.4	33.0	33.0
MEAN		32.1	32.0	34.0	32.4	32.5	32.6
LSD 0.05		1.0	NS	NS		1.1	0.6
LSD 0.10					1.2		
CV%		2.2	2.6	2.4	3.0	2.3	2.7
P		0.008	0.484	0.287	0.051	0.038	0.002

VAR * LOC
 LSD 0.05 NS
 %CV 2.7
 P 0.382

2010 PIMA SJVCB VARIETY TRIALS - LINT YIELD (LBS/A)

LINT YIELDS - 2010

1/30/2011

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VARIETY	SOURCE OF VARIETY & SVJ COTTON BOARD STATUS	40" ROWS SHAFTER	40" WSREC	30" CORCORAN	38" HURON	40" MENDOTA	LINT YIELD (LBS/A) MEAN	% OF PHY-800
DP-360	Olvey & Assoc / Monsanto - 3rd year (entered as OA-360)	619	1096	1110	1389	898	1022	96
PHY-802 RF	Phytogen - 3rd year (entered as P07X.8212 RF)	493	833	1267	1283	1010	977	92
PHY-804 RF	Phytogen - 2nd year (entered as P07X.8244 RF)	617	1102	1302	1463	1181	1133	107
PHY-805RF	Phytogen - 3rd year (entered as P07X.8213 RF)	610	999	1294	1340	1046	1058	100
PHY-800	SJVCB Pima Standard	574	976	1253	1413	1090	1061	100
COBALT	SJVCB Approved Variety - check	821	1319	1270	1466	903	1156	109
DP-357	SJVCB Approved Variety - check	799	1352	1334	1561	1153	1240	117
MEAN		648	1097	1261	1416	1040	1092	
LSD 0.05		86	175	94	113	122	53	
CV%		8.9	10.8	5.0	5.4	7.9	7.3	
P		0.000	0.000	0.003	0.002	0.000	0.000	

VAR * LOC
 LSD 0.05 153
 %CV 10.0
 P 0.000

PIMA_2&3_YIELDS_2010_OVERLOC_7VAR