

2014 (UC PIMA VARIETY TRIAL - 38" row spacing)

Seed cotton yields, lint %, gin turnout %, lint yields

Questions?	Cooperative Project by: 2/16/2015 version
Contact: Bob Hutmacher (Univ. CA) cell #: (559) 260-8957 e-mail: rbhutmacher@ucdavis.edu	University of California Cooperative Extension / Seed Companies / CA Cotton Growers Assoc. / CA Cotton Alliance, SJV Quality Cotton-Shafter Station Cooperators: Growers, West Side REC, Hutmacher, Wright, Munk, Weir, Marsh, Keeley, Delgado

Location: BAKERSFIELD area - Kern County

Harvest Date: November 4

Planting Date: April 11

VARIETY	SEED COMPANY	SEED COTTON LBS/A	LINT %	GIN T.O. %	LINT YIELD LBS/A	LINT YIELD % OF PHY 802RF
PHY-802RF	Phytogen	4255	37.8	32.8	1395	100
PHY-805RF	Phytogen	4525	38.7	32.6	1476	106
PHY-811RF	Phytogen	4526	37.2	32.3	1459	105
DP-358RF	Monsanto / Delta Pine	4840	36.6	31.0	1499	107
MON 13R348R2P	Monsanto / Delta Pine	4811	38.0	32.2	1553	111
MON 12R254R2P	Monsanto / Delta Pine	4832	38.8	32.9	1590	114
MEAN		4632	37.9	32.3	1495	
LSD 0.05		380	1.1	NS	NS	
%CV		5.4	2.0	3.7	4.0	
P		0.028	0.006	0.304	0.186	

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Location: BUTTONWILLOW area - Kern County

Planting Date: April 10

Harvest date: November 4-5

VARIETY	SEED COMPANY	SEED COTTON LBS/A	LINT %	GIN T.O. %	LINT YIELD LBS/A	LINT YIELD % OF PHY 802RF
PHY-802RF	Phytogen	4969	37.8	32.7	1620	100
PHY-805RF	Phytogen	5167	39.0	34.0	1758	109
PHY-811RF	Phytogen	6006	37.2	32.1	1932	119
DP-358RF	Monsanto/Delta Pine	5840	37.8	32.9	1917	118
MON 13R348R2P	Monsanto/Delta Pine	6048	38.4	33.3	2013	124
MON 12R254R2P	Monsanto/Delta Pine	4992	39.7	34.5	1725	106
HA-211	Hazera	5639	36.0	31.3	1762	109
HA-1432	Hazera	5625	37.1	32.2	1805	111
MEAN		5536	37.9	32.9	1817	
LSD 0.05		NS	0.7	1.2	NS	
%CV		14.7	1.3	2.4	15.3	
P		0.362	0.000	0.000	0.558	

2014 (UC PIMA VARIETY TRIAL - 30" row spacing)

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Location: CORCORAN area - Kings County

Planting Date: April 14

Harvest Date: October 30

VARIETY	SEED COMPANY	SEED COTTON LBS/A	LINT %	GIN T.O. %	LINT YIELD LBS/A	LINT YIELD % OF PHY 802RF
PHY-802RF	Phytogen	6189	37.3	31.8	1969	100
PHY-805RF	Phytogen	5827	38.4	32.2	1878	95
PHY-811RF	Phytogen	5866	37.1	31.7	1859	94
DP-358RF	Monsanto / Delta Pine	6336	37.0	31.4	1989	101
MON 13R348R2P	Monsanto / Delta Pine	6287	37.1	31.6	1985	101
MON 12R254R2P	Monsanto / Delta Pine	6257	39.0	33.3	2078	106
MEAN		6127	37.7	32.0	1960	
LSD 0.05			0.8	1.2	NS	
LSD 0.10		346				
%CV		4.6	1.4	2.4	6.0	
P		0.073	0.000	0.038	0.160	

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Location: **Los Banos area - MERCED COUNTY**

Planting Date: April 9

Harvest Date: October 22

VARIETY	SEED COMPANY	SEED COTTON LBS/A	LINT %	GIN T.O. %	LINT YIELD LBS/A	LINT YIELD % OF PHY 802RF
PHY-802RF	Phytogen	2961	38.1	33.4	987	100
PHY-805RF	Phytogen	2711	40.2	35.0	936	95
PHY-811RF	Phytogen	2891	37.3	32.0	926	94
DP-358RF	Monsanto/Delta Pine	2761	38.1	33.0	906	92
MON 13R348R2P	Monsanto/Delta Pine	3077	39.0	34.0	1047	106
MON 12R254R2P	Monsanto/Delta Pine	2481	40.4	35.0	867	88
HA-211	Hazera	4159	35.2	31.5	1298	132
HA-1432	Hazera	5019	36.7	32.6	1634	166
MEAN		3258	38.1	33.3	1075	
LSD 0.05		660	0.9	1.6	206	
%CV		13.8	1.6	3.3	13.1	
P		0.000	0.000	0.001	0.000	

SWEN 3 2014 (Univ. CA PIMA VARIETY TRIAL - 40" row spacing)

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Location: Univ. CA West Side REC (FIELD 22) - Fresno County

Planting date: April 17

Harvest Date: November 17:

VARIETY	SEED COMPANY	SEED COTTON LBS/A	LINT %	GIN T.O. %	LINT YIELD LBS/A	LINT YIELD % OF PHY 802RF
PHY-802RF	Phytogen	6107	37.3	30.8	1880	100
PHY-805RF	Phytogen	5953	38.0	31.7	1892	101
PHY-811RF	Phytogen	6488	37.0	29.5	1913	102
DP-358RF	Monsanto / Delta Pine	6548	36.8	30.0	1966	105
DP-13R348R2P	Monsanto / Delta Pine	6624	37.7	30.3	2007	107
DP-12R254R2P	Monsanto / Delta Pine	6438	39.1	32.4	2085	111
HA-211	Hazera	6580	34.2	27.6	1813	96
HA-1432	Hazera	6324	35.5	29.4	1862	99
DP-340	Monsanto / Delta Pine	6109	37.5	31.5	1927	103
MEAN		6352	37.0	30.4	1927	
LSD 0.05			1.0	1.2		
LSD 0.10		405			138	
%CV		5.3	1.8	2.7	5.9	
P		0.077	0.000	0.000	0.084	