

2013 PIMA UC / SJVCB VARIETY TRIALS - **SEEDCOTTON YIELD (lbs / acre)**

4 locations / 4 replications average

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Questions? Contact - Bob Hutmacher (Univ. CA) cell # (559) 260-8957 or e-mail: rbhutmacher@ucdavis.edu	Cooperative Project by: University of California / Various Seed Companies SJV Cotton Board, CA Dept Food and Agriculture, CA Cotton Growers Association Research Program Cooperators: Hutmacher, Wright, Munk, Keeley, Weir, Delgado, Banuelos, Wroble, Marsh
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Average of 4 Locations (San Joaquin Valley)

*NOTE: primary difference from other Pima Yield Summary table is that Kings Co. (Corcoran) site data is not included in these tables presenting data for 8 included varieties, since the eighth variety (DP-13R348R2P) was not included at that Kings Co. site due to lack of adequate seed supplies.

VARIETY	SEED COTTON YIELD (LBS/ACRE)				COTTON YIELD (lbs/acre) AVERAGE	COTTON YIELD AS % OF PHY-802RF YIELD
	40" ROWS	38" ROWS	30" ROWS	30" ROWS		
	WSREC	KERN CO.	FRESNO CO.	MERCED CO.		
DP-340	5777	6210	5209	4919	5529	99
DP-358RF	6224	5942	4626	5861	5663	102
DP-12R254R2P	6098	6847	4659	5773	5844	105
DP-13R348R2P	6457	6912	4386	6097	5963	107
PHY-802RF	5494	6441	4809	5528	5568	100
PHY-805RF	5808	6566	4708	5444	5632	101
PHY-811RF	6136	6720	5037	6065	5990	108
ALLTEX P-203	5146	5384	2972	4363	4466	80
MEAN	5893	6378	4551	5506	5582	
LSD 0.05	558		672	282	222	
LSD 0.10		810				
CV%	5.4	8.8	10.0	3.5	5.4	
P	0.004	0.066	0.000	0.000	0.000	

Variety by Location Difference

LSD 0.05	561
%CV	7.1
P	0.000

2013 PIMA UC / SJVCB VARIETY TRIALS - *LINT PERCENT*

4 locations / 4 replications average

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Average of 4 Locations (San Joaquin Valley)

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LINT PERCENT

VARIETY	40" ROWS	38" ROWS	30" ROWS	30" ROWS	LINT PERCENT AVERAGE
	WSREC	KERN CO.	FRESNO CO.	MERCED CO.	
DP-340	38.3	38.9	37.7	37.5	38.1
DP-358RF	37.4	38.2	37.5	37.2	37.6
DP-12R254R2P	39.5	40.1	38.6	39.9	39.5
DP-13R348R2P	37.9	39.0	38.7	37.9	38.4
PHY-802RF	37.2	38.1	37.2	38.1	37.7
PHY-805RF	39.1	39.1	37.9	38.9	38.8
PHY-811RF	37.5	37.8	37.8	37.5	37.7
ALLTEX P-203	38.1	38.5	38.2	38.2	38.3
MEAN	38.1	38.7	38.0	38.2	38.2
LSD 0.05	1.3	1.1		0.7	0.4
LSD 0.10			0.9		
CV%	2.0	1.6	1.9	1.2	1.4
P	0.021	0.011	0.091	0.000	0.000

Variety by Location Difference

LSD 0.05	0.8
%CV	1.5
P	0.035

2013 PIMA UC / SJVCB VARIETY TRIALS - *GIN TURNOUT %*

4 locations / 4 replications average

21-Jan-14

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Average of 4 Locations (San Joaquin Valley)

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VARIETY	GIN TURNOUT %				GIN TURNOUT PERCENT AVERAGE
	40" ROWS	38" ROWS	30" ROWS	30" ROWS	
	WSREC	KERN CO.	FRESNO CO.	MERCED CO.	
DP-340	33.5	33.5	33.2	32.9	33.3
DP-358RF	32.9	33.0	33.4	32.3	32.9
DP-12R254R2P	34.2	34.5	34.0	34.8	34.4
DP-13R348R2P	33.0	33.4	33.8	32.7	33.2
PHY-802RF	32.1	32.6	32.1	33.2	32.5
PHY-805RF	34.1	34.1	33.0	33.8	33.8
PHY-811RF	32.9	32.4	33.0	32.5	32.7
ALLTEX P-203	32.8	33.7	34.2	33.6	33.6
MEAN	33.2	33.4	33.3	33.2	33.3
LSD 0.05	NS	1.2	NS	1.0	0.6
CV%	4.2	2.1	3.0	2.1	2.5
P	0.631	0.031	0.140	0.002	0.000

Variety by Location Difference

LSD 0.05	NS
%CV	2.5
P	0.235

2013 PIMA UC / SJVCB VARIETY TRIALS - **LINT YIELD (lbs / acre)**

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21-Jan-14

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VARIETY	LINT YIELD (LBS/ACRE)								LINT YIELD (lbs/acre) AVERAGE	LINT YIELD AS % OF PHY-802RF YIELD
	WSREC site yields		Kern Co. site yields		Fresno Co. site yields		Merced Co. site yields			
	40" ROWS	as % of	38" ROWS	as % of	30" ROWS	as % of	30" ROWS	as % of		
	WSREC	Phy-802RF	KERN CO.	Phy-802RF	FRESNO CO.	Phy-802RF	MERCED CO.	Phy-802RF		
DP-340	1928	113	2076	99	1728	112	1620	88	1838	101
DP-358RF	2034	119	1959	93*	1541	100	1890	103	1856	102
DP-12R254R2P	2084	122	2358	112	1580	102	2006	109	2007	111
DP-13R348R2P	2130	124	2309	110	1480	96	1993	109	1978	109
PHY-802RF	1765	103	2103	100	1543	100	1836	100	1812	100
PHY-805RF	1979	116	2237	106	1547	100	1837	100	1900	105
PHY-811RF	2019	118	2175	103	1655	107	1970	107	1955	108
ALLTEX P-203	1686	98	1811	86	1017	66	1464	80	1495	82
MEAN	1953		2129		1511		1827		1855	
LSD 0.05	130		309		165		95		64	
CV%	3.8		8.3		7.4		3.6		4.7	
P	0.000		0.031		0.000		0.000		0.000	

* NOTE: The entry DP-358RF had stand problems (low population areas in the field) in three out of four field replications at this site.

Variety by Location Difference

LSD 0.05	168
%CV	6.4
P	0.000