

2011 ACALA UC/SJVCB VARIETY TRIALS - LINT YIELD

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 Cooperators: Hutmacher, Wright, Munk, Marsh, Keeley, Delgado, Banuelos, Wroble
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Average of Four Locations (San Joaquin Valley)

VARIETY	LINT YIELD (lbs/acre) 40" ROWS	LINT YIELD (lbs/acre) 38" ROWS	LINT YIELD (lbs/acre) 40" ROWS	LINT YIELD (lbs/acre) 40" ROWS	LINT YIELD (lbs/acre) AVERAGE	LINT YIELD AS % OF PHY-72 YIELD
	SHAFTER	WAUKENA	WSREC	MENDOTA		
PHY-72	1083	1809	2213	1136	1560	100
FM 9170B2F	917	1836	2040	1191	1496	96
FM 1740B2F	1019	1711	2076	1141	1487	95
FM 1845LLB2	929	1538	1887	1007	1340	86
FM 2484B2F	867	1772	1977	1199	1454	93
PHY 725RF	1113	1874	1977	1353	1579	101
DAYTONA RF	923	1922	1949	1349	1536	98
MEAN	979	1780	2017	1197	1493	
LSD 0.05	NS	110		110	89	
LSD 0.10			170			
CV%	15.7	4.2	6.9	6.2	8.1	
P	0.244	0.000	0.077	0.000	0.001	

Variety by Location Difference

LSD 0.05	164
%CV	7.8
P	0.004

2011 ACALA UC/SJVCB VARIETY TRIALS - **SEED COTTON YIELD**

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Average of Four Locations (San Joaquin Valley)

VARIETY	SEED COTTON	SEED COTTON	SEED COTTON	SEED COTTON	SEED
	YIELD	YIELD	YIELD	YIELD	COTTON
	(lbs/acre)	(lbs/acre)	(lbs/acre)	(lbs/acre)	YIELD
	40" ROWS	38" ROWS	40" ROWS	40" ROWS	(LBS/ACRE)
	SHAFTER	WAUKENA	WSREC	MENDOTA	MEAN
PHY-72	3178	5638	6216	3395	4607
FM 9170B2F	2620	5334	5521	3521	4249
FM 1740B2F	2841	4979	5447	3221	4122
FM 1845LLB2	2863	4905	5533	3138	4110
FM 2484B2F	2456	5223	5225	3432	4084
PHY 725RF	3337	5969	5710	4147	4791
DAYTONA RF	2550	5581	5185	3785	4275
MEAN	2835	5376	5548	3520	4320
LSD 0.05	NS	333	595	287	266
CV%	15.9	4.2	7.2	5.5	8.3
P	0.104	0.000	0.033	0.000	0.000

Vareity by Location Difference

LSD 0.05	492
%CV	8.1
P	0.016

2011 ACALA UC/SJVCB VARIETY TRIALS - *GIN TURNOUT PERCENT*

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Average of Four Locations (San Joaquin Valley)

VARIETY	GIN TURNOUT	GIN TURNOUT	GIN TURNOUT	GIN TURNOUT	GIN TURNOUT (percent) MEAN
	(percent) 40" ROWS	(percent) 38" ROWS	(percent) 40" ROWS	(percent) 40" ROWS	
	SHAFTER	WAUKENA	WSREC	MENDOTA	
PHY-72	34.1	32.1	35.6	33.5	33.8
FM 9170B2F	35.1	34.5	37.0	33.9	35.1
FM 1740B2F	35.9	34.3	38.2	35.5	36.0
FM 1845LLB2	32.5	31.4	34.1	32.1	32.5
FM 2484B2F	35.3	33.9	37.9	34.9	35.5
PHY 725RF	33.3	31.4	34.7	32.6	33.0
DAYTONA RF	36.2	34.5	37.7	35.6	36.0
MEAN	34.6	33.2	36.5	34.0	34.6
LSD 0.05	0.6	1.2	0.7	0.8	0.4
CV%	1.3	2.5	1.2	1.5	1.6
P	0.000	0.000	0.000	0.000	0.000

Variety by Location Difference

LSD 0.05	NS
%CV	2.1
P	0.510

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Average of Four Locations (San Joaquin Valley)

VARIETY	LINT PERCENT 40" ROWS	LINT PERCENT 38" ROWS	LINT PERCENT 40" ROWS	LINT PERCENT 40" ROWS	LINT PERCENT MEAN
	SHAFTER	WAUKENA	WSREC	MENDOTA	
PHY-72	37.1	37.1	39.8	37.1	37.8
FM 9170B2F	38.3	39.1	41.5	37.8	39.2
FM 1740B2F	38.9	38.9	42.3	38.6	39.7
FM 1845LLB2	35.3	36.3	38.5	35.8	36.5
FM 2484B2F	38.8	39.3	42.3	38.7	39.8
PHY 725RF	36.2	36.2	38.8	35.9	36.8
DAYTONA RF	40.0	40.6	43.4	40.1	41.0
MEAN	37.8	38.2	40.9	37.7	38.7
LSD 0.05	0.6	0.6	0.5	0.6	0.3
CV%	1.1	1.1	0.9	1.0	1.1
P	0.000	0.000	0.000	0.000	0.000

Variety by Location Difference

LSD 0.05	0.6
%CV	1.1
P	0.042