

2011 CA UPLAND ADVANCED STRAINS VARIETY TRIALS - LINT YIELD

2-location average (Shafter & West Side REC)

Questions? Contact - Bob Hutmacher (Univ. CA) cell# (5590 260-8957 or e-mail: rbhutmacher@ucdavis.edu	Cooperative Project by: University of CA Cooperative Extension / Participating Seed Companies / USDA-ARS Shafter / UC West Side Research and Extension Centers Cooperators: Hutmacher, Keeley, Delgado
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VARIETY	LINT YIELD (lbs/ac)	LINT YIELD (lbs/ac)	AVERAGE LINT YIELD (lbs/acre)	AVERAGE LINT YIELD AS % OF PHYTOGEN-72
	40" row plots SHAFTER location	40" row plots WEST SIDE REC location		
PHY-72	1027	1990	1509	100
10R013B2R2	1152	1845	1499	99
10R052B2R2	1267	1937	1602	106
11R159B2R2	1148	2072	1610	107
11R136B2R2	1016	1911	1464	97
10R051B2R2	1300	1801	1551	103
10R020B2R2	1253	1861	1557	103
BX 1261B2F	1042	2005	1524	101
BX 1262B2F	1094	1798	1446	96
BX 1252LLB2	1068	1710	1389	92
BX 1254LLB2	1294	1935	1615	107
BX 1264LLB2	823	1607	1215	81
ST 4145LLB2	1148	1787	1468	97
FM 2484B2F	1015	1924	1470	97
PHY 367WRF	1051	2012	1532	102
PHY 499WRF	1293	2207	1750	116
PHY 725RF	968	2058	1513	100
FM 2989GLB2	1111	1831	1471	98
MEAN	1115	1905	1510	
LSD 0.05	154	256	148	
CV%	9.8	9.5	9.8	
P	0.000	0.006	0.000	

Variety by Location difference

LSD 0.05	219.0
%CV	10.2
P	0.013

2011 CA UPLAND ADVANCED STRAINS VARIETY TRIALS - SEED COTTON YIELD

2-location average (Shafter & West Side REC)

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VARIETY	SEED COTTON YIELDS (lbs/acre) SHAFTER 40" row location	SEED COTTON YIELDS (lbs/acre) WEST SIDE REC 40" row location	AVERAGE SEED COTTON YIELD (lbs/acre)
PHY-72	3025	5682	4354
10R013B2R2	3276	5109	4193
10R052B2R2	3177	4891	4034
11R159B2R2	3001	5617	4309
11R136B2R2	2843	5167	4005
10R051B2R2	3357	4536	3947
10R020B2R2	3388	4873	4131
BX 1261B2F	3118	5789	4454
BX 1262B2F	3248	5149	4199
BX 1252LLB2	3153	4900	4027
BX 1254LLB2	3653	5382	4518
BX 1264LLB2	2499	4737	3618
ST 4145LLB2	3443	5369	4406
FM 2484B2F	2822	5132	3977
PHY 367WRF	3052	5584	4318
PHY 499WRF	3475	6060	4768
PHY 725RF	2959	6074	4517
FM 2989GLB2	3272	5054	4163
MEAN	3153	5284	4219
LSD 0.05	400	690	390
CV%	8.9	9.2	9.2
P	0.000	0.001	0.000

Variety by Location Difference

LSD 0.05	601
%CV	10.0
P	0.002

2011 CA UPLAND ADVANCED STRAINS VARIETY TRIALS - *GIN TURNOUT*

2-location average (Shafter & West Side REC)

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VARIETY	GIN TURNOUT %	GIN TURNOUT %	AVERAGE % GIN TURNOUT
	40" row plots SHAFTER location	40" row plots WEST SIDE REC location	
PHY-72	33.9	35.1	34.5
10R013B2R2	35.2	36.1	35.7
10R052B2R2	39.9	39.6	39.8
11R159B2R2	38.3	36.9	37.6
11R136B2R2	35.7	37.0	36.4
10R051B2R2	38.7	39.7	39.2
10R020B2R2	37.0	38.2	37.6
BX 1261B2F	33.5	34.7	34.1
BX 1262B2F	33.6	34.9	34.3
BX 1252LLB2	33.9	34.9	34.4
BX 1254LLB2	35.4	36.0	35.7
BX 1264LLB2	32.9	33.9	33.4
ST 4145LLB2	33.3	33.3	33.3
FM 2484B2F	36.0	37.5	36.8
PHY 367WRF	34.4	36.0	35.2
PHY 499WRF	37.2	36.5	36.9
PHY 725RF	32.7	33.9	33.3
FM 2989GLB2	33.9	36.2	35.1
MEAN	35.3	36.1	35.7
LSD 0.05	1.1	0.9	0.7
CV%	2.2	1.7	2.0
P	0.000	0.000	0.000

Variety by Location Difference

LSD 0.05	1.0
%CV	1.9
P	0.000

2011 CA UPLAND ADVANCED STRAINS VARIETY TRIALS - **LINT PERCENT**

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VARIETY	LINT PERCENT 40" row plots SHAFTER location	LINT PERCENT 40" row plots WEST SIDE REC location	AVERAGE LINT PERCENT
PHY-72	36.9	39.5	38.2
10R013B2R2	38.6	41.3	40.0
10R052B2R2	43.2	45.4	44.3
11R159B2R2	41.3	42.4	41.9
11R136B2R2	38.7	41.6	40.2
10R051B2R2	42.2	44.6	43.4
10R020B2R2	39.8	42.3	41.1
BX 1261B2F	36.1	39.2	37.7
BX 1262B2F	37.1	40.2	38.7
BX 1252LLB2	36.7	39.6	38.2
BX 1254LLB2	38.5	41.0	39.8
BX 1264LLB2	35.7	38.5	37.1
ST 4145LLB2	36.6	39.2	37.9
FM 2484B2F	39.3	42.3	40.8
PHY 367WRF	37.9	41.8	39.9
PHY 499WRF	40.6	43.0	41.8
PHY 725RF	35.5	38.8	37.2
FM 2989GLB2	36.9	41.0	39.0
MEAN	38.4	41.2	39.8
LSD 0.05	1.0	0.6	0.6
CV%	1.8	1.1	1.5
P	0.000	0.000	0.000

Variety by Location Difference

LSD 0.05	0.8
%CV	1.4
P	0.004