

2009 PIMA SCREENING SJVCB VARIETY TRIALS					HVI DATA - Visalia Classing Office				
University of California / San Joaquin Valley Cotton Board					1/29/2010				
SJV Cotton Board Screening Entries plus UC, USDA comparisons									
Questions?	Cooperative Project by:								
Contact - Bob Hutmacher (Univ. CA)	San Joaquin Valley Cotton Board / University of California / Various Seed Companies								
cell # (559) 260-8957	California Department of Food and Agriculture / Supima Association								
or e-mail: rbhutmacher@ucdavis.edu	Cooperators: Hutmacher, Wright, Marsh, Munk, Weir, Keeley, Delgado, Banuelos, Wroble								
*see notes below table									
LOCATION: mean across two San Joaquin Valley sites (West Side and Shafter REC)									
					MANUAL				
					CLASSING				
					LEAF	HVI	HVI	COLOR	
VARIETY	MIKE	LENGTH	STREN	UI	GRADE	COLOR	TRASH	RD	+B
PHY-800	3.48	1.41	43.5	86.8	4.4	2.3	1.69	69.0	11.4
S-7	3.74	1.38	42.3	86.4	4.1	2.1	1.36	68.8	11.8
PO7X.8244 RF	3.50	1.40	44.1	86.3	4.0	2.0	1.21	69.4	11.8
SJ-09P10 *	3.54	1.39	40.0	85.9	3.3	1.5	0.89	71.3	11.5
SJ-09P11 *	3.79	1.35	43.6	85.5	4.8	2.8	1.83	68.2	11.6
SJ-09P12 *	3.50	1.37	42.2	85.5	3.5	1.6	0.91	71.1	11.5
SJ-09P13 *	3.68	1.41	38.3	85.4	4.1	2.0	1.38	70.6	11.1
SJ-09P14 *	3.63	1.41	42.8	85.7	4.6	2.6	1.54	69.0	11.0
MEAN	3.61	1.39	42.1	85.9	4.1	2.1	1.35	69.7	11.5
LSD 0.05	0.12	0.02	1.6	0.5	0.5	0.6	0.29	1.0	0.2
%CV	3.2	1.6	3.6	0.6	11.2	26.5	20.9	1.4	1.5
P	0.000	0.000	0.000	0.000	0.000	0.002	0.000	0.000	0.000
VAR*LOC									
LSD 0.05	0.17	NS	NS	0.9	NS	NS	NS	NS	
LSD 0.10									0.2
%CV	3.2	1.2	3.9	0.7	13.2	21.9	32.4	1.6	1.5
P	0.025	0.758	0.213	0.036	0.553	0.516	0.828	0.762	0.084
* = five USDA-ARS Shafter Genetics program entries were included in the 2009 Pima Screening Tests for comparison contact Bob Hutmacher at above number or e-mail for more information regarding these entries									

2009 PIMA SCREENING SJVCB VARIETY TRIALS					HVI DATA - Visalia Classing Office				
University of California / San Joaquin Valley Cotton Board					1/29/2010				
SJV Cotton Board Screening Entries plus UC, USDA comparisons									
Questions?		Cooperative Project by:							
Contact - Bob Hutmacher (Univ. CA)		San Joaquin Valley Cotton Board / University of California / Various Seed Companies							
cell # (559) 260-8957		California Department of Food and Agriculture / Supima Association							
or e-mail: rbhutmacher@ucdavis.edu		Cooperators: Hutmacher, Wright, Marsh, Munk, Weir, Keeley, Delgado, Banuelos, Wroble							
*see notes below table									
LOCATION: Shafter REC									
					MANUAL				
					CLASSING				
		LEAF		HVI		HVI		COLOR	
VARIETY	MIKE	LENGTH	STREN	UI	GRADE	COLOR	TRASH	RD	+B
PHY-800	3.30	1.39	44.4	86.6	4.3	2.0	1.33	69.6	11.3
S-7	3.58	1.37	43.0	86.0	4.0	2.0	1.05	69.7	11.5
PO7X.8244 RF	3.35	1.38	44.8	86.2	3.5	2.0	0.98	69.9	11.6
SJ-09P10 *	3.48	1.38	40.1	85.7	3.0	1.5	0.80	71.6	11.3
SJ-09P11 *	3.63	1.33	42.6	85.2	4.5	2.8	1.48	68.5	11.4
SJ-09P12 *	3.43	1.36	42.6	85.8	3.3	1.5	0.60	71.7	11.2
SJ-09P13 *	3.70	1.39	38.6	86.1	4.0	2.3	1.23	70.9	10.8
SJ-09P14 *	3.53	1.39	44.1	86.0	4.8	2.8	1.43	68.9	10.9
MEAN	3.50	1.37	42.5	86.0	3.9	2.1	1.11	70.1	11.3
LSD 0.05	0.18	0.03	2.2		0.6	0.7	0.48	1.5	0.3
LSD 0.10				0.7					
%CV	3.5	1.2	3.6	0.7	10.7	23.7	29.2	1.4	1.8
P	0.002	0.001	0.000	0.099	0.000	0.009	0.010	0.001	0.000
* = five USDA-ARS Shafter Genetics program entries were included in the 2009 Pima Screening Tests for comparison contact Bob Hutmacher at above number or e-mail for more information regarding these entries									

2009 PIMA SCREENING SJVCB VARIETY TRIALS					HVI DATA - Visalia Classing Office				
University of California / San Joaquin Valley Cotton Board					1/29/2010				
SJV Cotton Board Screening Entries plus UC, USDA comparisons									
Questions?		Cooperative Project by:							
Contact - Bob Hutmacher (Univ. CA)		San Joaquin Valley Cotton Board / University of California / Various Seed Companies							
cell # (559) 260-8957		California Department of Food and Agriculture / Supima Association							
or e-mail: rbhutmacher@ucdavis.edu		Cooperators: Hutmacher, Wright, Marsh, Munk, Weir, Keeley, Delgado, Banuelos, Wroble							
<i>*see notes below table</i>									
LOCATION: West Side REC									
					MANUAL CLASSING				
		LEAF		HVI		HVI		COLOR	
VARIETY	MIKE	LENGTH	STREN	UI	GRADE	COLOR	TRASH	RD	+B
PHY-800	3.65	1.42	42.5	87.0	4.5	2.5	2.05	68.3	11.6
S-7	3.90	1.40	41.7	86.9	4.3	2.3	1.68	68.0	12.0
PO7X.8244 RF	3.65	1.42	43.4	86.3	4.5	2.0	1.45	68.9	11.9
SJ-09P10 *	3.60	1.40	39.9	86.0	3.5	1.5	0.98	71.0	11.8
SJ-09P11 *	3.95	1.37	44.7	85.7	5.0	2.8	2.18	67.9	11.7
SJ-09P12 *	3.58	1.38	41.8	85.2	3.8	1.8	1.23	70.4	11.8
SJ-09P13 *	3.65	1.43	38.1	84.8	4.3	1.8	1.55	70.3	11.5
SJ-09P14 *	3.73	1.43	41.6	85.4	4.5	2.5	1.65	69.1	11.2
MEAN	3.71	1.41	41.7	85.9	4.3	2.2	1.60	69.2	11.7
LSD 0.05	0.17	0.03	2.6	0.9	0.8	0.7	0.58	1.1	0.2
%CV	3.1	1.5	4.2	0.7	12.9	21.2	24.6	1.1	1.1
P	0.001	0.002	0.001	0.000	0.027	0.007	0.006	0.000	0.000
<i>* = five USDA-ARS Shafter Genetics program entries were included in the 2009 Pima Screening Tests for comparison contact Bob Hutmacher at above number or e-mail for more information regarding these entries</i>									