

2014 (UC ACALA/UPLAND VARIETY TRIAL - 30")

HVI DATA - Visalia Classing Office

Questions?	Cooperative Project by:	2/23/2015
Contact: Bob Hutmacher (Univ. CA)	University of California Cooperative Extension / Seed Companies / CA Cotton Growers Assoc. /	
cell #: (559) 260-8957	CA Cotton Alliance, SJV Quality Cotton-Shafter Station	
e-mail: rbhutmacher@ucdavis.edu	Cooperators: Growers, West Side REC, Hutmacher, Wright, Munk, Weir, Marsh, Keeley, Delgado	

LOCATION: **Los Banos Area - Merced County**

VARIETY	SEED COMPANY	MIC	LENGTH (inches)	STRENGTH (g/Tex)	UNIFORMITY INDEX	MANUAL CLASSING		COLOR	
						LEAF GRADE	HVI TRASH	RD	+B
PHY-725RF	Phytogen	3.48	1.20	35.7	81.9	1.00	0.10	82.8	9.25
PHY-PX7064-05WRF	Phytogen	3.68	1.16	36.4	82.3	1.00	0.10	83.0	9.38
PHY-499WRF	Phytogen	3.55	1.16	32.1	81.6	2.00	0.18	81.5	8.98
FM 1830GLT	Bayer	3.48	1.20	33.9	81.6	1.25	0.10	85.7	8.25
FM 2334GLT	Bayer	3.93	1.19	33.0	81.8	1.25	0.10	85.3	8.45
FM 2322GL	Bayer	3.40	1.15	33.0	80.2	1.67	0.17	83.2	8.43
DP 1252B2RF	Monsanto/Delta Pine	3.85	1.15	29.9	81.1	1.00	0.08	82.9	9.25
DP 1137B2RF	Monsanto/Delta Pine	3.83	1.12	30.4	81.2	1.00	0.10	83.3	9.23
DP 1050B2RF	Monsanto/Delta Pine	3.63	1.16	30.1	81.2	1.25	0.13	83.1	9.38
MEAN		3.64	1.16	32.7	81.4	1.27	0.12	83.4	8.95
LSD 0.05		0.31	0.03	1.0	1.0	0.64	0.07	0.9	0.20
%CV		5.7	0.6	2.1	0.8	34.4	38.6	0.7	1.5
P		0.019	0.002	0.000	0.020	0.035	0.049	0.000	0.000

2014 (UC ACALA/UPLAND VARIETY TRIAL - 40")

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Questions?	Cooperative Project by:	2/23/2015
Contact: Bob Hutmacher (Univ. CA)	University of California Cooperative Extension / Seed Companies / CA Cotton Growers Assoc. /	
cell #: (559) 260-8957	CA Cotton Alliance, SJV Quality Cotton-Shafter Station	
e-mail: rbhutmacher@ucdavis.edu	Cooperators: Growers, West Side REC, Hutmacher, Wright, Munk, Weir, Marsh, Keeley, Delgado	

LOCATION: Mendota area - Fresno County

VARIETY	SEED COMPANY	MIC	LENGTH (inches)	STRENGTH (g/Tex)	UNIFORMITY INDEX	MANUAL CLASSING		COLOR	
						LEAF GRADE	HVI TRASH	RD	+B
PHY-725RF	Phytogen	5.00	1.20	34.7	83.8	1.50	0.20	80.5	9.25
PHY-PX7064-05WRF	Phytogen	4.70	1.15	37.9	84.2	1.50	0.20	81.4	9.20
PHY-499WRF	Phytogen	5.30	1.14	34.3	84.4	1.50	0.20	81.2	9.25
FM 1830GLT	Bayer	5.20	1.17	34.4	83.5	1.50	0.20	84.1	8.50
FM 2334GLT	Bayer	5.25	1.17	34.8	84.5	2.00	0.20	83.9	8.70
FM 2322GL	Bayer	5.10	1.14	33.7	83.6	1.00	0.10	81.8	9.15
DP 1252B2RF	Monsanto / Delta Pine	5.35	1.10	30.2	83.3	1.00	0.05	81.9	9.65
DP 1137B2RF	Monsanto / Delta Pine	5.20	1.10	30.0	83.8	1.00	0.10	81.7	9.45
DP 1050B2RF	Monsanto / Delta Pine	5.15	1.10	30.7	83.0	1.00	0.10	81.6	9.80
MEAN		5.14	1.14	33.4	83.8	1.33	0.15	82.0	9.22
LSD 0.05		0.33	0.04	1.9	NS	NS	NS	1.3	0.35
%CV		2.8	1.6	2.5	1.0	37.5	57.7	0.7	1.6
P		0.039	0.005	0.000	0.621	0.500	0.500	0.003	0.000

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HVI DATA - Visalia Classing Office

Questions?	Cooperative Project by: 2/24/2015 version
Contact: Bob Hutmacher (Univ. CA)	University of California Cooperative Extension / Seed Companies / CA Cotton Growers Assoc. /
cell #: (559) 260-8957	CA Cotton Alliance, Cotton Inc. State Support Committee, SJV Quality Cotton-Shafter Station
e-mail: rbhutmacher@ucdavis.edu	Cooperators: Growers, West Side REC, Hutmacher, Wright, Munk, Weir, Marsh, Keeley, Delgado

LOCATION: Univ. CA West Side REC - Fresno County

VARIETY	SEED COMPANY	MIC	LENGTH (inches)	STRENGTH (g/Tex)	UNIFORMITY INDEX	MANUAL CLASSING		COLOR	
						LEAF GRADE	HVI TRASH	RD	+B
PHY-725RF	Phytogen	4.58	1.21	34.5	81.6	2.50	0.25	77.7	9.93
PHY-PX7064-05WRF	Phytogen	4.33	1.20	35.7	82.0	2.75	0.28	78.7	9.73
PHY-499WRF	Phytogen	4.80	1.15	31.8	82.0	3.25	0.35	78.1	9.63
FM 1830GLT	Bayer	4.83	1.19	31.6	82.0	2.50	0.23	80.8	9.15
FM 2334GLT	Bayer	4.98	1.19	30.9	81.8	1.75	0.15	82.0	9.18
FM 2322GL	Bayer	4.78	1.16	31.5	81.6	2.75	0.28	79.6	9.15
DP 1252B2RF	Monsanto/Delta Pine	4.88	1.11	28.6	81.0	2.25	0.20	79.3	9.90
DP 1137B2RF	Monsanto/Delta Pine	4.78	1.13	28.5	81.6	2.00	0.15	81.0	9.68
DP 1050B2RF	Monsanto/Delta Pine	4.75	1.15	29.4	81.5	2.00	0.18	79.4	9.78
PHY-755RF	Phytogen	4.53	1.24	35.7	81.7	2.25	0.23	78.4	9.85
DAYTONA RF	Bayer	4.48	1.17	33.3	81.9	2.75	0.28	79.0	9.75
MEAN		4.70	1.17	31.9	81.7	2.43	0.23	79.4	9.61
LSD 0.05		0.17	0.03	1.4	NS	0.77	0.09	1.2	0.26
%CV		2.5	1.6	3.0	0.6	21.8	26.1	1.1	1.9
P		0.000	0.000	0.000	0.215	0.018	0.001	0.000	0.000