2019 University of California - PIMA VARIETY TRIAL - MICRONAIRE averages across multiple sites *February 15, 2020 update*

fiber quality (hvi data summary)

Questions?
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Cooperative Project by:

University of CA Coop. Extension (UC-ANR) / Univ. CA Davis Plant Sci Dept. / Univ. CA West Side REC

Funding by: CA Cotton Growers&Ginners Assoc, CA Cotton Alliance, UC-ANR/UCCE, UC Davis Plant Sci. Dept.

Cooperators: multiple growers, Dan Munk, Brian Marsh, Lynn Sosnoskie, Bill Weir, Mark Keeley, Raul Delgado, Jorge Angeles, Tarilee Frigulti-Schramm, Univ. CA ANR - Cooperative Extension Tulare, Kings, Fresno, Kern, Merced Counties; San Joaquin Quality Cotton Growers Assoc.-Shafter Research Station; Various Seed Companies

VARIETY	SEED COMPANY	*Buttonwillow* KERN COUNTY micronaire	*Corcoran* KINGS COUNTY micronaire	*Five Points* FRESNO COUNTY micronaire	*Los Banos* MERCED COUNTY micronaire	*West Side REC* FRESNO COUNTY micronaire	*AVERAGE* across all sites
DP 341 RF	Delta Pine / Bayer	4.58	4.70	4.70	4.65	4.70	4.67
DP 348 RF	Delta Pine / Bayer	4.38	4.70	4.50	4.43	4.78	4.56
DP 359 RF	Delta Pine / Bayer	4.63	4.78	4.70	4.90	4.85	4.77
PHY PX8054 RF	Phytogen	4.58	4.65	4.68	4.70	4.90	4.70
PHY 881 RF	Phytogen	4.75	4.70	4.70	4.38	4.80	4.67
PHY 888 RF	Phytogen	4.38	4.58	4.80	4.55	4.65	4.59
MEAN		4.55	4.69	4.68	4.60	4.78	4.66

*** NOTE: SAMPLES SUBMITTED FOR HVI ANALYSES** were separated from seed using a mini-gin. This ginning method differs from UCCE methods used prior to 2017 (mini-gin does not have commercial gin style cleaners). Corrections were calculated for moisture loss/gain between field harvest weight timing and ginning timing, and basic gin loss estimates are typically lower with use of a table top style of mini-gin. All samples were handled in an identical manner in terms of mini-gin operations.

2019 University of California - PIMA VARIETY TRIAL - LENGTH *averages across multiple sites* *February 15, 2020 update*

fiber quality (hvi data summary)

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VARIETY	SEED COMPANY	*Buttonwillow* KERN COUNTY micronaire	*Corcoran* KINGS COUNTY micronaire	*Five Points* FRESNO COUNTY micronaire	*Los Banos* MERCED COUNTY micronaire	*West Side REC* FRESNO COUNTY micronaire	*AVERAGE* across all sites
DP 341 RF	Delta Pine / Bayer	1.44	1.42	1.44	1.45	1.46	1.44
DP 348 RF	Delta Pine / Bayer	1.39	1.40	1.43	1.44	1.45	1.42
DP 359 RF	Delta Pine / Bayer	1.41	1.43	1.42	1.44	1.45	1.43
PHY PX8054 RF	Phytogen	1.43	1.42	1.43	1.47	1.46	1.44
PHY 881 RF	Phytogen	1.42	1.44	1.43	1.46	1.47	1.44
PHY 888 RF	Phytogen	1.45	1.44	1.45	1.47	1.47	1.46
MEAN		1.42	1.43	1.43	1.46	1.46	1.44

*** NOTE: SAMPLES SUBMITTED FOR HVI ANALYSES** were separated from seed using a mini-gin. This ginning method differs from UCCE methods used prior to 2017 (mini-gin does not have commercial gin style cleaners). Corrections were calculated for moisture loss/gain between field harvest weight timing and ginning timing, and basic gin loss estimates are typically lower with use of a table top style of mini-gin. All samples were handled in an identical manner in terms of mini-gin operations.

2019 University of California - PIMA VARIETY TRIAL - STRENGTH *averages across multiple sites* — *February 15, 2020 update*

fiber quality (hvi data summary)

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Cooperative Project by:
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VARIETY	SEED COMPANY	*Buttonwillow* KERN COUNTY micronaire	*Corcoran* KINGS COUNTY micronaire	*Five Points* FRESNO COUNTY micronaire	*Los Banos* MERCED COUNTY micronaire	*West Side REC* FRESNO COUNTY micronaire	*AVERAGE* across all sites
DP 341 RF	Delta Pine / Bayer	46.8	44.6	44.9	46.7	47.0	46.0
DP 348 RF	Delta Pine / Bayer	48.8	42.9	46.9	48.9	46.9	46.9
DP 359 RF	Delta Pine / Bayer	47.9	46.3	45.0	46.6	45.8	46.3
PHY PX8054 RF	Phytogen	48.3	43.9	45.7	48.2	45.4	46.3
PHY 881 RF	Phytogen	47.3	44.6	45.7	47.6	49.2	46.9
PHY 888 RF	Phytogen	46.6	42.9	45.8	44.9	45.9	45.2
MEAN		47.62	44.20	45.67	47.15	46.70	46.27

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2019 University of California - PIMA VARIETY TRIAL - UNIFORMITY *averages across multiple sites* *February 15, 2020 update*

fiber quality (hvi data summary)

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Cooperative Project by:
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VARIETY	SEED COMPANY	*Buttonwillow* KERN COUNTY micronaire	*Corcoran* KINGS COUNTY micronaire	*Five Points* FRESNO COUNTY micronaire	*Los Banos* MERCED COUNTY micronaire	*West Side REC* FRESNO COUNTY micronaire	*AVERAGE* across all sites
DP 341 RF	Delta Pine / Bayer	87.4	87.1	86.2	87.3	87.9	87.2
DP 348 RF	Delta Pine / Bayer	87.5	86.8	87.6	87.2	87.8	87.4
DP 359 RF	Delta Pine / Bayer	86.9	87.0	86.9	87.1	88.0	87.2
PHY PX8054 RF	Phytogen	86.6	86.6	87.4	88.0	87.1	87.1
PHY 881 RF	Phytogen	86.6	87.1	87.3	87.0	88.1	87.2
PHY 888 RF	Phytogen	87.2	87.2	86.8	87.2	87.6	87.2
MEAN		87.03	86.97	87.03	87.30	87.75	87.22

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