

| 2009 PIMA SJVCB VARIETY TRIALS  |       |  |       | HVI DATA - Visalia Classing Office |          |       |       |       |       |
|---|-------|--|-------|------------------------------------|----------|-------|-------|-------|-------|
| University of California / San Joaquin Valley Cotton Board  |       |  |       | 1/25/2010                          |          |       |       |       |       |
| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |       |  |       |                                    |          |       |       |       |       |
| 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: SAN JOAQUIN VALLEY (SVJ) - (5 Locations)  |       |  |       |                                    |          |       |       |       |       |
|   |       |  |       |                                    | MANUAL   |       |       |       |       |
|   |       |  |       |                                    | CLASSING |       |       |       |       |
|   |       |  |       |                                    |          | LEAF  |       | HVI   |       |
|   |       |  |       |                                    |          | HVI   |       | COLOR |       |
| VARIETY   | MIKE  | LENGTH   | STREN | UI                                 | GRADE    | COLOR | TRASH | RD    | +B    |
| OA-360  | 3.62  | 1.38   | 42.1  | 86.0                               | 3.7      | 1.9   | 0.91  | 70.6  | 11.2  |
| PO7X.8212 RF  | 3.43  | 1.46   | 44.0  | 86.9                               | 3.9      | 2.0   | 0.96  | 70.9  | 11.0  |
| PO7X.8213 RF  | 3.65  | 1.42   | 44.3  | 86.3                               | 3.7      | 1.9   | 1.10  | 70.6  | 11.2  |
| PHY-800   | 3.52  | 1.43   | 42.7  | 86.9                               | 3.9      | 1.9   | 1.06  | 70.8  | 11.1  |
| PHY-830   | 3.97  | 1.41   | 42.8  | 86.9                               | 3.2      | 1.6   | 0.68  | 71.7  | 11.1  |
| COBALT  | 3.70  | 1.38   | 41.6  | 85.8                               | 2.8      | 2.0   | 0.53  | 68.8  | 12.4  |
| DP-357  | 3.81  | 1.38   | 40.2  | 86.2                               | 3.4      | 2.0   | 0.62  | 70.6  | 11.4  |
| MEAN  | 3.67  | 1.41   | 42.5  | 86.4                               | 3.5      | 1.9   | 0.84  | 70.6  | 11.3  |
| LSD 0.05  | 0.07  | 0.01   | 0.9   | 0.4                                | 0.3      | 0.2   | 0.17  | 0.4   | 0.1   |
| %CV   | 3.1   | 1.3  | 3.7   | 0.7                                | 11.1     | 16.1  | 30.2  | 0.8   | 1.4   |
| P   | 0.000 | 0.000  | 0.000 | 0.000                              | 0.000    | 0.012 | 0.000 | 0.000 | 0.000 |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |       |  |       |                                    |          |       |       |       |       |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |       |  |       |                                    |          |       |       |       |       |
| VAR*LOC   |       |  |       |                                    |          |       |       |       |       |
| LSD 0.05  | NS    | NS   | NS    | NS                                 | NS       | 0.5   | 0.33  | NS    | NS    |
| %CV   | 3.9   | 1.3  | 3.7   | 0.8                                | 14.8     | 18.6  | 28.2  | 1.0   | 1.6   |
| P   | 0.678 | 0.374  | 0.397 | 0.200                              | 0.286    | 0.011 | 0.001 | 0.129 | 0.374 |

| <b>2009 PIMA SJVCB VARIETY TRIALS - MICRONAIRE</b>  |  |          |         |         |           |            |
|---|--|----------|---------|---------|-----------|------------|
| University of California / San Joaquin Valley Cotton Board  |  |          |         |         |           | 1/25/2010  |
| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |  |          |         |         |           |            |
| Questions?<br>Contact - Bob Hutmacher (Univ. CA)<br>cell # (559) 260-8957<br>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 / Supima Association                   |          |         |         |           |            |
|   | Cooperators: Hutmacher, Wright, Marsh, Munk, Weir, Keeley, Delgado, Banuelos, Wroble |          |         |         |           |            |
| <i>*see notes below table</i>   |  |          |         |         |           |            |
| LOCATION: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |            |
|   |  |          |         |         |           | AVG.       |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | MICRONAIRE |
| OA-360  | 3.53   | 3.68     | 3.93    | 3.98    | 2.98      | 3.62       |
| PO7X.8212 RF  | 3.25   | 3.50     | 3.85    | 3.73    | 2.83      | 3.43       |
| PO7X.8213 RF  | 3.48   | 3.60     | 4.05    | 3.95    | 3.18      | 3.65       |
| PHY-800   | 3.30   | 3.50     | 3.98    | 3.90    | 2.90      | 3.52       |
| PHY-830   | 3.73   | 4.05     | 4.43    | 4.35    | 3.30      | 3.97       |
| COBALT  | 3.50   | 3.80     | 4.15    | 4.00    | 3.03      | 3.70       |
| DP-357  | 3.68   | 3.83     | 4.30    | 4.03    | 3.23      | 3.81       |
| MEAN  | 3.50   | 3.71     | 4.10    | 3.99    | 3.06      | 3.67       |
| LSD 0.05  | 0.19   | 0.21     | 0.20    | 0.21    | 0.19      | 0.07       |
| CV%   | 3.7  | 3.8      | 3.3     | 3.6     | 4.1       | 3.1        |
| P   | 0.001  | 0.000    | 0.000   | 0.001   | 0.000     | 0.000      |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |            |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |            |
|   |  |          |         |         | VAR * LOC |            |
|   |  |          |         |         | LSD 0.05  | NS         |
|   |  |          |         |         | %CV       | 3.9        |
|   |  |          |         |         | P         | 0.678      |

| 2009 PIMA SJVCB VARIETY TRIALS - LENGTH   |  |          |         |         |           |        |           |
|---|--|----------|---------|---------|-----------|--------|-----------|
| University of California / San Joaquin Valley Cotton Board  |  |          |         |         |           |        | 1/25/2010 |
| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |  |          |         |         |           |        |           |
| 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: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |        |           |
|   |  |          |         |         |           | AVG.   |           |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | LENGTH |           |
| OA-360  | 1.37   | 1.37     | 1.41    | 1.39    | 1.35      | 1.38   |           |
| PO7X.8212 RF  | 1.45   | 1.47     | 1.50    | 1.46    | 1.42      | 1.46   |           |
| PO7X.8213 RF  | 1.40   | 1.42     | 1.46    | 1.44    | 1.37      | 1.42   |           |
| PHY-800   | 1.43   | 1.43     | 1.46    | 1.45    | 1.40      | 1.43   |           |
| PHY-830   | 1.40   | 1.41     | 1.45    | 1.41    | 1.37      | 1.41   |           |
| COBALT  | 1.39   | 1.39     | 1.42    | 1.39    | 1.32      | 1.38   |           |
| DP-357  | 1.37   | 1.39     | 1.40    | 1.40    | 1.36      | 1.38   |           |
| MEAN  | 1.40   | 1.41     | 1.44    | 1.42    | 1.37      | 1.41   |           |
| LSD 0.05  | 0.02   | 0.03     | 0.03    | 0.03    | 0.03      | 0.01   |           |
| CV%   | 1.1  | 1.4      | 1.2     | 1.3     | 1.5       | 1.3    |           |
| P   | 0.000  | 0.000    | 0.000   | 0.000   | 0.000     | 0.000  |           |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |        |           |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |        |           |
|   |  |          |         |         | VAR * LOC |        |           |
|   |  |          |         |         | LSD 0.05  | NS     |           |
|   |  |          |         |         | %CV       | 1.3    |           |
|   |  |          |         |         | P         | 0.374  |           |

| 2009 PIMA SJVCB VARIETY TRIALS - STRENGTH   |  |          |         |         |           |           |
|---|--|----------|---------|---------|-----------|-----------|
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| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |  |          |         |         |           |           |
| Questions?  | Cooperative Project by:  |          |         |         |           |           |
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| or e-mail: rbhutmacher@ucdavis.edu  | Cooperators: Hutmacher, Wright, Marsh, Munk, Weir, Keeley, Delgado, Banuelos, Wroble |          |         |         |           |           |
| <i>*see notes below table</i>   |  |          |         |         |           |           |
| LOCATION: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |           |
|   |  |          |         |         |           | AVG.      |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | STRENGTH  |
| OA-360  | 42.7   | 40.6     | 44.8    | 44.3    | 38.2      | 42.1      |
| PO7X.8212 RF  | 43.6   | 42.1     | 46.3    | 46.3    | 41.5      | 44.0      |
| PO7X.8213 RF  | 43.6   | 42.0     | 46.5    | 46.8    | 42.7      | 44.3      |
| PHY-800   | 43.7   | 40.5     | 44.5    | 44.1    | 41.0      | 42.8      |
| PHY-830   | 43.9   | 40.3     | 45.2    | 43.4    | 41.4      | 42.8      |
| COBALT  | 42.7   | 39.7     | 43.3    | 44.3    | 38.0      | 41.6      |
| DP-357  | 40.4   | 38.9     | 41.1    | 42.8    | 37.7      | 40.2      |
| MEAN  | 42.9   | 40.6     | 44.5    | 44.6    | 40.1      | 42.5      |
| LSD 0.05  |  | NS       | 1.9     | 2.0     | 2.6       | 0.9       |
| LSD 0.10  | 1.9  |          |         |         |           |           |
| CV%   | 3.7  | 4.3      | 2.8     | 3.0     | 4.4       | 3.1       |
| P   | 0.070  | 0.172    | 0.000   | 0.004   | 0.002     | 0.000     |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |           |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |           |
|   |  |          |         |         | VAR * LOC |           |
|   |  |          |         |         | LSD 0.05  | NS        |
|   |  |          |         |         | %CV       | 3.7       |
|   |  |          |         |         | P         | 0.397     |

| 2009 PIMA SJVCB VARIETY TRIALS - UNIFORMITY   |  |          |         |         |           |            |
|---|--|----------|---------|---------|-----------|------------|
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| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |  |          |         |         |           |            |
| Questions?  | Cooperative Project by:  |          |         |         |           |            |
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| <i>*see notes below table</i>   |  |          |         |         |           |            |
| LOCATION: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |            |
|   |  |          |         |         |           | AVG.       |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | UNIFORMITY |
| OA-360  | 86.1   | 86.1     | 86.4    | 86.6    | 84.7      | 86.0       |
| PO7X.8212 RF  | 88.0   | 87.3     | 87.9    | 87.0    | 84.3      | 86.9       |
| PO7X.8213 RF  | 86.9   | 86.7     | 86.4    | 87.0    | 84.4      | 86.3       |
| PHY-800   | 88.3   | 86.8     | 86.7    | 87.4    | 85.1      | 86.9       |
| PHY-830   | 87.8   | 87.1     | 87.4    | 87.0    | 85.3      | 86.9       |
| COBALT  | 86.0   | 86.4     | 86.6    | 86.1    | 83.9      | 85.8       |
| DP-357  | 87.1   | 86.6     | 86.4    | 86.7    | 84.2      | 86.2       |
| MEAN  | 87.2   | 86.7     | 86.8    | 86.8    | 84.6      | 86.4       |
| LSD 0.05  | 1.2  | NS       | 0.8     | NS      |           | 0.4        |
| LSD 0.10  |  |          |         |         | 0.8       |            |
| CV%   | 0.9  | 0.8      | 0.6     | 0.9     | 0.8       | 0.7        |
| P   | 0.003  | 0.293    | 0.008   | 0.338   | 0.077     | 0.000      |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |            |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |            |
|   |  |          |         |         | VAR * LOC |            |
|   |  |          |         |         | LSD 0.05  | NS         |
|   |  |          |         |         | %CV       | 0.8        |
|   |  |          |         |         | P         | 0.200      |

| 2009 PIMA SJVCB VARIETY TRIALS - LEAF GRADE (MANUAL CLASSING)   |             |  |         |         |           |       |
|---|-------------|--|---------|---------|-----------|-------|
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| <i>*see notes below table</i>   |             |  |         |         |           |       |
| LOCATION: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |             |  |         |         |           |       |
|   |             |  |         |         |           | AVG.  |
|   |             |  |         |         |           | LEAF  |
| VARIETY   | SHAFTER REC | CORCORAN   | LEMOORE | MENDOTA | LOS BANOS | GRADE |
| OA-360  | 3.5         | 4.0  | 3.3     | 3.0     | 4.5       | 3.7   |
| PO7X.8212 RF  | 3.3         | 3.8  | 3.3     | 4.3     | 5.0       | 3.9   |
| PO7X.8213 RF  | 3.3         | 3.3  | 3.3     | 4.0     | 4.8       | 3.7   |
| PHY-800   | 3.5         | 3.8  | 3.3     | 3.8     | 5.0       | 3.9   |
| PHY-830   | 3.0         | 3.0  | 3.0     | 3.0     | 4.0       | 3.2   |
| COBALT  | 2.5         | 2.8  | 2.3     | 3.0     | 3.3       | 2.8   |
| DP-357  | 3.3         | 3.5  | 3.0     | 3.0     | 4.3       | 3.4   |
| MEAN  | 3.2         | 3.5  | 3.1     | 3.4     | 4.4       | 3.5   |
| LSD 0.05  | NS          | 0.8  | 0.5     | 0.4     | 1.0       | 0.3   |
| CV%   | 15.9        | 15.6   | 11.6    | 7.6     | 15.2      | 11.1  |
| P   | 0.141       | 0.040  | 0.007   | 0.000   | 0.017     | 0.000 |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |             |  |         |         |           |       |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |             |  |         |         |           |       |
|   |             |  |         |         | VAR * LOC |       |
|   |             |  |         |         | LSD 0.05  | NS    |
|   |             |  |         |         | %CV       | 14.8  |
|   |             |  |         |         | P         | 0.286 |

| 2009 PIMA SJVCB VARIETY TRIALS - HVI COLOR  |             |  |         |         |           |           |
|---|-------------|--|---------|---------|-----------|-----------|
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| <i>*see notes below table</i>   |             |  |         |         |           |           |
| LOCATION: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |             |  |         |         |           |           |
|   |             |  |         |         |           | AVG.      |
|   |             |  |         |         |           | HVI       |
| VARIETY   | SHAFTER REC | CORCORAN   | LEMOORE | MENDOTA | LOS BANOS | COLOR     |
| OA-360  | 1.8         | 1.8  | 1.3     | 1.5     | 3.0       | 1.9       |
| PO7X.8212 RF  | 2.0         | 1.5  | 1.3     | 2.0     | 3.0       | 2.0       |
| PO7X.8213 RF  | 2.0         | 1.3  | 1.0     | 2.0     | 3.0       | 1.9       |
| PHY-800   | 1.5         | 2.0  | 1.3     | 1.8     | 3.0       | 1.9       |
| PHY-830   | 1.5         | 2.0  | 1.0     | 1.3     | 2.3       | 1.6       |
| COBALT  | 2.0         | 2.0  | 1.0     | 2.0     | 3.0       | 2.0       |
| DP-357  | 2.0         | 1.8  | 1.3     | 2.0     | 2.8       | 2.0       |
| MEAN  | 1.8         | 1.8  | 1.1     | 1.8     | 2.9       | 1.9       |
| LSD 0.05  | NS          |  | NS      | 0.5     | 0.4       | 0.2       |
| LSD 0.10  |             | 0.4  |         |         |           |           |
| CV%   | 18.6        | 20.4   | 34.0    | 19.0    | 9.1       | 16.1      |
| P   | 0.125       | 0.052  | 0.819   | 0.025   | 0.005     | 0.012     |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |             |  |         |         |           |           |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |             |  |         |         |           |           |
|   |             |  |         |         | VAR * LOC |           |
|   |             |  |         |         | LSD 0.05  | 0.5       |
|   |             |  |         |         | %CV       | 18.6      |
|   |             |  |         |         | P         | 0.011     |

| 2009 PIMA SJVCB VARIETY TRIALS - HVI TRASH  |  |          |         |         |           |           |
|---|--|----------|---------|---------|-----------|-----------|
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| <i>*see notes below table</i>   |  |          |         |         |           |           |
| LOCATION: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |           |
|   |  |          |         |         |           | AVG.      |
|   |  |          |         |         |           | HVI       |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | TRASH     |
| OA-360  | 0.68   | 0.73     | 0.60    | 0.68    | 1.88      | 0.91      |
| PO7X.8212 RF  | 0.65   | 0.73     | 0.70    | 0.93    | 1.78      | 0.96      |
| PO7X.8213 RF  | 0.75   | 0.68     | 0.73    | 1.50    | 1.83      | 1.10      |
| PHY-800   | 0.65   | 0.70     | 0.88    | 1.00    | 2.05      | 1.06      |
| PHY-830   | 0.55   | 0.68     | 0.38    | 0.50    | 1.30      | 0.68      |
| COBALT  | 0.48   | 0.38     | 0.23    | 0.50    | 1.08      | 0.53      |
| DP-357  | 0.43   | 0.68     | 0.33    | 0.65    | 1.00      | 0.62      |
| MEAN  | 0.60   | 0.65     | 0.55    | 0.82    | 1.56      | 0.84      |
| LSD 0.05  | NS   | 0.20     | 0.26    | 0.31    | 0.60      | 0.17      |
| CV%   | 30.5   | 20.6     | 31.9    | 25.3    | 25.8      | 30.2      |
| P   | 0.192  | 0.021    | 0.000   | 0.000   | 0.006     | 0.000     |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |           |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |           |
|   |  |          |         |         | VAR * LOC |           |
|   |  |          |         |         | LSD 0.05  | 0.33      |
|   |  |          |         |         | %CV       | 28.2      |
|   |  |          |         |         | P         | 0.001     |



| 2009 PIMA SJVCB VARIETY TRIALS - RD   |  |          |         |         |           |           |
|---|--|----------|---------|---------|-----------|-----------|
| University of California / San Joaquin Valley Cotton Board  |  |          |         |         |           | 1/25/2010 |
| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |  |          |         |         |           |           |
| 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: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |           |
|   |  |          |         |         |           | AVG.      |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | RD        |
| OA-360  | 70.9   | 71.4     | 72.6    | 71.8    | 66.7      | 70.7      |
| PO7X.8212 RF  | 71.7   | 71.7     | 73.1    | 70.8    | 67.5      | 71.0      |
| PO7X.8213 RF  | 70.7   | 72.0     | 73.0    | 70.4    | 66.9      | 70.6      |
| PHY-800   | 71.3   | 71.7     | 72.9    | 71.3    | 66.9      | 70.8      |
| PHY-830   | 72.0   | 72.0     | 74.0    | 72.4    | 68.0      | 71.7      |
| COBALT  | 68.7   | 69.1     | 71.3    | 69.6    | 65.2      | 68.8      |
| DP-357  | 70.6   | 71.4     | 72.4    | 70.9    | 67.6      | 70.6      |
| MEAN  | 70.8   | 71.3     | 72.8    | 71.0    | 67.0      | 70.6      |
| LSD 0.05  | 1.0  | 0.9      | 0.9     | 0.7     | 0.7       | 0.4       |
| CV%   | 0.9  | 0.9      | 0.9     | 0.7     | 0.7       | 0.8       |
| P   | 0.000  | 0.000    | 0.001   | 0.000   | 0.000     | 0.000     |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |           |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |           |
|   |  |          |         |         | VAR * LOC |           |
|   |  |          |         |         | LSD 0.05  | NS        |
|   |  |          |         |         | %CV       | 1.0       |
|   |  |          |         |         | P         | 0.129     |

| 2009 PIMA SJVCB VARIETY TRIALS - +B   |  |          |         |         |           |           |
|---|--|----------|---------|---------|-----------|-----------|
| University of California / San Joaquin Valley Cotton Board  |  |          |         |         |           | 1/25/2010 |
| YEAR 2 & YEAR 3 ENTRY TRIALS plus UCCE entries  |  |          |         |         |           |           |
| 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: SAN JOAQUIN VALLEY (SJV) - (5 Locations)  |  |          |         |         |           |           |
|   |  |          |         |         |           | AVG.      |
| VARIETY   | SHAFTER REC  | CORCORAN | LEMOORE | MENDOTA | LOS BANOS | +B        |
| OA-360  | 11.2   | 11.3     | 10.9    | 11.1    | 11.9      | 11.3      |
| PO7X.8212 RF  | 10.9   | 11.0     | 10.6    | 11.1    | 11.6      | 11.0      |
| PO7X.8213 RF  | 11.3   | 11.1     | 10.7    | 11.2    | 11.7      | 11.2      |
| PHY-800   | 11.1   | 11.0     | 10.6    | 11.1    | 11.7      | 11.1      |
| PHY-830   | 11.1   | 11.0     | 10.7    | 11.1    | 11.8      | 11.1      |
| COBALT  | 12.4   | 12.4     | 12.0    | 12.2    | 13.1      | 12.4      |
| DP-357  | 11.5   | 11.3     | 10.9    | 11.5    | 12.0      | 11.4      |
| MEAN  | 11.4   | 11.3     | 10.9    | 11.3    | 12.0      | 11.4      |
| LSD 0.05  | 0.3  | 0.2      | 0.3     | 0.2     | 0.3       | 0.1       |
| CV%   | 1.7  | 1.3      | 1.6     | 1.5     | 1.7       | 1.4       |
| P   | 0.000  | 0.000    | 0.000   | 0.000   | 0.000     | 0.000     |
| <i>* see separate table for West Side REC location yield and turnouts - Cobalt missing at that site</i>   |  |          |         |         |           |           |
| <i>** also see separate tables for three locations that included hybrid HA-195 (not included at all sites, grower choice to include or not)</i> |  |          |         |         |           |           |
|   |  |          |         |         | VAR * LOC |           |
|   |  |          |         |         | LSD 0.05  | NS        |
|   |  |          |         |         | %CV       | 1.6       |
|   |  |          |         |         | P         | 0.374     |