

Hidalgo County RACE Trial, 2017

Cooperator: Richard Drawe

Brad Cowan, Hidalgo County Extension Agent- Agriculture

Dr. Josh McGinty, Clinton Livingston, and Rudy Alaniz - Texas A&M AgriLife Extension, Corpus Christi

| Variety | Yield (lbs/acre) | | Turnout % | | Micronaire | | Length (inches) | | Strength (g/tex) | | Uniformity | Loan Value (¢/lbs) | | Lint Value (\$/Ac) | | |
|--------------|------------------|-----|-----------|----|------------|-----|-----------------|-----|------------------|-----|------------|--------------------|--------|--------------------|--------|----|
| DP 1646 B2XF | 2210 | a | 46.5 | bc | 4.8 | c | 1.20 | b | 29.1 | abc | 83.5 | | 54.40 | | 1202 | a |
| PHY 444 WRF | 2161 | a | 46.0 | c | 4.3 | d | 1.26 | a | 30.7 | a | 85.4 | | 54.83 | | 1185 | a |
| DP 1725 B2XF | 2141 | ab | 47.9 | a | 4.9 | abc | 1.15 | cde | 29.1 | abc | 83.8 | | 54.07 | | 1158 | ab |
| ST 4949 GLT | 2065 | abc | 46.9 | bc | 5.0 | ab | 1.11 | e | 28.8 | bc | 83.0 | | 52.97 | | 1094 | c |
| CG 3885 B2XF | 2026 | bc | 44.8 | d | 4.8 | bc | 1.12 | de | 28.1 | cd | 83.3 | | 53.70 | | 1088 | c |
| ST 4848 GLT | 2018 | cd | 46.1 | c | 5.0 | a | 1.16 | bcd | 30.1 | ab | 84.8 | | 53.80 | | 1086 | c |
| PHY 312 WRF | 2011 | cd | 43.4 | e | 4.8 | c | 1.17 | bc | 30.2 | ab | 85.1 | | 54.67 | | 1099 | bc |
| DG 3526 B2XF | 2010 | cd | 47.0 | b | 4.9 | abc | 1.11 | e | 28.1 | cd | 83.7 | | 53.73 | | 1080 | c |
| NG 5007 B2XF | 1954 | d | 44.8 | d | 4.8 | c | 1.13 | de | 26.9 | d | 82.0 | | 53.70 | | 1049 | c |
| FM 1953 GLTP | 1947 | d | 41.8 | f | 4.3 | d | 1.18 | bc | 29.8 | ab | 83.7 | | 54.50 | | 1061 | c |
| Mean | 2054 | | 45.5 | | 4.8 | | 1.16 | | 29.1 | | 83.8 | | 54.04 | | 1110 | |
| P>F | <0.0001 | | <0.0001 | | <0.0001 | | <0.0001 | | 0.0036 | | 0.0698 | | 0.2322 | | 0.0004 | |
| LSD (P=.05) | 84.62 | | 0.8717 | | 0.1914 | | 0.04065 | | 1.6455 | | NS | | NS | | 60.818 | |
| STD DEV | 103.54 | | 1.82 | | 0.26 | | 0.05 | | 1.37 | | 1.37 | | 0.86 | | 62.27 | |
| CV% | 5.04 | | 4.01 | | 5.57 | | 4.23 | | 4.70 | | 1.64 | | 1.59 | | 5.61 | |