

Average Performance of Cotton Varieties at Johnston County 2018

| <i>Variety</i> | <i>LINT YIELD</i> | <i>sign</i> | <i>Lint (%)</i> | <i>Plant Height (in)</i> | <i>Bolls Opened (%)</i> |
|----------------|-----------------------|-------------|---------------------|------------------------------|-----------------------------|
| ST 4550GLTP | 1377 | ** | 48.1 | 58 | 57 |
| ST 5020GLT | 1244 | | 42.9 | 43 | 61 |
| DP 1646 B2XF | 1236 | | 46.9 | 53 | 59 |
| ST 5471GLTP | 1222 | | 43.5 | 49 | 54 |
| PHY 300W3FE | 1219 | | 44.8 | 58 | 50 |
| PHY 330W3FE | 1183 | | 45.3 | 51 | 60 |
| DP 1538 B2XF | 1171 | | 46.2 | 52 | 55 |
| NG 5007 B2XF | 1133 | | 44.8 | 51 | 56 |
| PHY 430W3FE | 1123 | | 44.4 | 55 | 46 |
| ST 5818GLT | 1114 | | 43.8 | 53 | 60 |
| PHY 340W3FE | 1109 | | 46.3 | 53 | 55 |
| NG 3522 B2XF | 1103 | | 44.4 | 46 | 56 |
| PHY 312 WRF | 1094 | | 43.6 | 51 | 68 |
| DP 1851 B3XF | 1092 | | 44.4 | 54 | 47 |
| DG 3605B2XF | 1081 | | 44.9 | 58 | 48 |
| PHY 480W3FE | 1080 | | 44.7 | 48 | 49 |
| ST 5517GLTP | 1071 | | 41.7 | 54 | 58 |
| NG 3729 B2XF | 1069 | | 42.5 | 55 | 57 |
| DP 1916B3XF | 1067 | | 44.6 | 53 | 59 |
| DG 3526B2XF | 1054 | | 44.9 | 53 | 44 |
| NG 4936 B3XF | 1053 | | 42.0 | 58 | 56 |
| ST 6182GLT | 1046 | | 47.8 | 53 | 54 |
| DG 1702GLT | 1045 | | 42.4 | 53 | 49 |
| NG 4601 B2XF | 1036 | | 46.0 | 59 | 46 |
| NG 5711B3XF | 1032 | | 44.3 | 57 | 42 |
| DG 3214B2XF | 1032 | | 42.1 | 56 | 51 |
| PHY 580W3FE | 1031 | | 46.1 | 54 | 49 |
| DP 1835 B3XF | 1018 | | 46.1 | 55 | 48 |
| DP 1725 B2XF | 1000 | | 47.3 | 43 | 61 |
| ST 4949GLT | 986 | | 46.1 | 50 | 54 |
| DP 1747NR B2XF | 985 | | 45.2 | 55 | 40 |
| NG 4689 B2XF | 972 | | 42.2 | 59 | 47 |
| NG 3699 B2XF | 968 | | 42.1 | 48 | 60 |
| ST 5122GLT | 962 | | 43.1 | 55 | 50 |
| ST 4848GLT | 954 | | 44.8 | 55 | 57 |
| NG 4777 B2XF | 934 | | 42.9 | 58 | 46 |
| PHY 440W3FE | 931 | | 44.5 | 50 | 51 |
| NG 3780 B2XF | 928 | | 41.9 | 52 | 50 |
| DP 1840 B3XF | 924 | | 44.9 | 57 | 45 |
| DP 1820 B3XF | 860 | | 44.8 | 56 | 49 |

| | | | | | |
|------------|------|--|------|----|----|
| MEAN | 1069 | | 44.5 | 53 | 54 |
| C.V.(%) | 9 | | . | . | . |
| LSD_10 | 93 | | . | . | . |
| SEM | 44 | | . | . | . |
| Error d.f. | 233 | | . | . | . |

****Highest yielder. *Not significantly different from highest yielder.**

