**2019 Southern Piedmont Soybean Variety Trial Results**

**Anson County:** Conventional

 Plant Date: June 24, 2019

 Harvest Date: November 14, 2019

 Planted Population: 140,000 seed per acre

 Row Spacing: 20 inch

|  |  |  |  |
| --- | --- | --- | --- |
| **BRAND** | **VARIETY** | **YIELD @ 13% MOISTURE (bu/A)** | **TEST WEIGHT: LBS/Bu** |
| NC | DIDAY | 31.45  | 54.0 |
| NC | DUNPHY | 31.34 | 57.9 |
| NC | ROY | 31.24  | 56.6 |
| USG | 5618V | 30.12 | 55.8 |

\*\*\*Statistical analysis was not performed at this location.

**Rowan County:** Maturity Group 4

 Plant Date: May 1, 2019

 Harvest Date: September 23, 2019

 Planted Population: 140,000 seed per acre

 Row Spacing: 15 inch

|  |  |  |  |
| --- | --- | --- | --- |
| **BRAND** | **VARIETY** | **YIELD @ 13% MOISTURE (bu/A)** | **TEST WEIGHT: LBS/Bu** |
| Asgrow | AG 48X9 | 72.7 A | \* |
| Pioneer | P 48A60X | 56.2 B | \* |
| Dyna-Gro | S48XT56 | 55.9 B  | \* |
| Croplan | RX 4825 | 55.0 B | \* |

\*\*\*Test weight was taken at this location.

\*\*\*Varieties with the same letter are not significantly different.

\*\*\*LSD = 9.50

\*\*\*P-Value = 0.02

**Stanly County:** Maturity Group 5 – Late

 Plant Date: May 9, 2019

 Harvest Date: October 27, 2019

 Planted Population: 140,000 seed per acre

 Row Spacing: 15 inch

|  |  |  |  |
| --- | --- | --- | --- |
| **BRAND** | **VARIETY** | **YIELD @ 13% MOISTURE (bu/A)** | **TEST WEIGHT LBS/BU** |
| Croplan  | RX 5548 | 48.34 | \* |
| Asgrow | AG 59X9 | 45.99 | \* |
| Pioneer | P 55A49X | 42.77 | \* |
| Dyna-Gro  | S56XT99  | 41.81 | \* |

\*\*\*Statistical analysis was not performed at this location.

\*\*\*Test weight was not taken at this location.

**Union County:** Maturity Group 3

 Plant Date: April 23, 2019

 Harvest Date: September 6, 2019

 Planted Population: 140,000 seed per acre

 Row Spacing: 7.5 inch

|  |  |  |  |
| --- | --- | --- | --- |
| **BRAND** | **VARIETY** | **YIELD @ 13% MOISTURE (bu/A)** | **TEST WEIGHT LBS/BU** |
| Pioneer | P 38T42R | 70.0 A | 57.3 A |
| Asgrow | AG 38X8 | 69.5 A | 56.3 A |
| Pioneer | P 37A78X | 65.6 AB | 55.8 A |
| Croplan | RX 3750 | 58.0 B | 56.4 A |

\*\*\*Varieties with the same letter are not significantly different.

\*\*\*FOR YIELD: LSD = 7.9 / P-Value = 0.07

\*\*\*FOR TEST WEIGHT: LSD = 2.6 / P-Value = 0.78

* The Cabarrus County Maturity Group 5 – Early test was not harvested due to poor germination.
* **THANK YOU TO ALL OF OUR COOPERATORS FOR THIS YEAR!**
* For questions about any test, contact Andrew Baucom @ 704 – 283 – 3738 or Andrew\_Baucom@ncsu.edu.