

Area of Impact: Robeson County



| | 2 Years of Data | | | | 1 Year of Data | | | | | |
|------------------------------|-----------------|-------------|-------------|-------------|----------------|-------------|--------------------|-------------|------------------|------------------|
| | CZ 5700X | AG69X0 | P72A21X | 58-D70 | DG51E60 | P53A67X | LS5797X | S58XT30 | SH 5321 E3 | SH 5515 LL |
| Years | 2019, 2020 | 2019, 2020 | 2019, 2020 | 2019, 2020 | 2020 | 2020 | 2020 | 2020 | 2020 | 2020 |
| Variety Records | 26 | 27 | 26 | 26 | 12 | 12 | 12 | 12 | 12 | 12 |
| Variety | | | | | | | | | | |
| Variety / Company | Credenz | Asgrow | Pioneer | Armor | DELTA GROW | Pioneer | Local Seed Company | Dyna-Gro | Southern Harvest | Southern Harvest |
| Variety / Availability | Available | Available | Available | Available | Available | Available | Available | Available | Available | Available |
| Variety / Trait | Xtend | Xtend | Xtend | Xtend | Enlist | Xtend | Xtend | Xtend | Enlist | LibertyLink |
| Research | | | | | | | | | | |
| Maturity Group | MG5 | MG6 | MG78 | MG5 | MG5 | MG5 | MG5 | MG5 | MG5 | MG5 |
| Relative Maturity | 5.7 | 6.9 | 7.2 | 5.8 | 5.1 | 5.3 | 5.7 | 5.8 | 5.3 | 5.5 |
| Yield | 66.9 | 65.7 | 61.1 | 65.2 | 63.7 | 66.5 | 68.9 | 72.7 | 65.4 | 61.7 |
| % Yield Difference from Mean | 9.7% | 6.4% | 8.7% | 6.8% | 3.7% | 8.2% | 13.2% | 18.5% | 6.7% | 1.7% |
| Top Yield Group | 31.0% | 52.0% | 42.0% | 31.0% | 0.0% | 25.0% | 33.0% | 75.0% | 25.0% | 8.0% |
| Height | 32 | 31.6 | 28.5 | 32.2 | 34.4 | 27.6 | 32.1 | 31.7 | 38.7 | 34.6 |
| Growth Habit | Determinate | Determinate | Determinate | Determinate | | Determinate | Determinate | Determinate | | Determinate |
| FELS | | MS | S | S | | | | | R | MR |
| SC | R | MR | MR/MS | R | | MR | R | R | | |
| SDS | MR | MR/MS | MR | MR | | MR | MR | MR/MS | | |
| SCN | MR/MS | S | | R3 | | | R(3),MR(14) | MR(3) | MR/MS | MR |
| RKN | R | R | R | R | | S | R | R | MR/MS | MR/MS |
| Phytophthora Field Tolerance | MR | MR/MS | | MS | | | MR/MS | MR/MS | | |
| Shatter | | | | Excellent | | | Very Good | | | |
| Lodge | Good | Good | Good | Good | | Good | Very Good | Good | | |
| Pubescence | Tawny | Tawny | Tawny | Tawny | | Tawny | Tawny | Tawny | | |
| Pod Wall | Tan | Tan | Brown | Tan | | | Tan | Tan | | |
| Chloride Sensitivity | Includer | Includer | | Includer | | | Includer | Includer | | |
| Metribuzin Sensitivity | | | | | | | Tolerant | | | |
| Mean Yield of Trials | 61.1 | 61.5 | 56.3 | 61.1 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |

Yield levels, % Yield Difference from Mean, & Top Yield Group highlighted in green above, with darker shades indicating higher values; Pest resistance sensitivities highlighted in orange above; Intermediate pest tolerances noted in yellow

Items of Note: Selections made here are based first, on their yield performance nearest your location and second, on their corresponding statewide yields. When choosing a variety based on performance data, multi-year and multi-location data are a better predictor of long-term variety performance. Several of the varieties in the report have only one-year data available. They are still worth a look on limited acreage if you are looking to try something newer. All disease and nematode resistance for each variety come from the associated companies. Absence of this information from the chart indicates that data is not available.