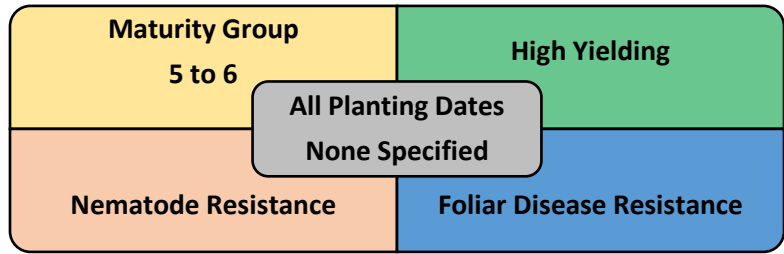


**Area of Impact: Sampson County**



	3 Years of Data			2 Years of Data			1 Year of Data				
	AG52X9	MS 5607 RXT	S56XT99	CZ 5299X	CZ 5700X	58-D70	LS5009XS	LS5797X	S58XT30	SH 5321 E3	SH 5515 LL
Years	2018, 2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2019, 2020	2019, 2020	2019, 2020	2020	2020	2020	2020	2020
Variety Records	36	36	36	26	26	26	12	12	12	12	12
Variety											
Variety / Company	Asgrow	MorSoy	Dyna-Gro	Credenz	Credenz	Armor	Local Seed Company	Local Seed Company	Dyna-Gro	Southern Harvest	Southern Harvest
Variety / Availability	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
Variety / Trait	Xtend/STS	Xtend	Xtend	Xtend	Xtend	Xtend	Xtend/STS	Xtend	Xtend	Enlist	LibertyLink
Research											
Maturity Group	MG5	MG5	MG5	MG5	MG5	MG5	MG5	MG5	MG5	MG5	MG5
Relative Maturity	5.2	5.6	5.6	5.2	5.7	5.8	5	5.7	5.8	5.3	5.5
Yield	62.1	60.9	60.1	64.1	66.9	65.2	68	68.9	72.7	65.4	61.7
% Yield Difference from Mean	4.2%	4.3%	2.7%	4.6%	9.7%	6.8%	10.1%	13.2%	18.5%	6.7%	1.7%
Top Yield Group	22.0%	22.0%	17.0%	19.0%	31.0%	31.0%	50.0%	33.0%	75.0%	25.0%	8.0%
Height	34.3	32.2	30.7	34.5	32	32.2	35.8	32.1	31.7	38.7	34.6
Growth Habit	Indeterminate	Determinate	Determinate	Indeterminate	Determinate	Determinate	Indeterminate	Determinate	Determinate		Determinate
FELS	MR/MS	R	R	MR		S				R	MR
SC	MR	S	MR	R	R	R		R	R		
SDS	MR	MR	MR	MR/MS	MR	MR		MR	MR/MS		
SCN	R(3)	R(1,3)	R(1,3)		MR/MS	R3		R(3),MR(14)	MR(3)	MR/MS	MR
RKN	S	R	R	S	R	R		R	R	MR/MS	MR/MS
Phytophthora Field Tolerance	MR/MS	MR	MR	MR	MR	MS		MR/MS	MR/MS		
Shatter		Good	Very Good			Excellent			Very Good		
Lodge	Good	Average	Average	Average	Good	Good		Very Good	Good		
Pubescence	Light Tawny	Tawny	Tawny	Gray	Tawny	Tawny		Tawny	Tawny		
Pod Wall	Tan	Brown	Tan	Tan	Tan	Tan		Tan	Tan		
Chloride Sensitivity	Includer	Excluder	Excluder		Includer	Includer		Includer	Includer		
Metribuzin Sensitivity		Tolerant	Tolerant					Tolerant	Tolerant		
Mean Yield of Trials	59.8	58.3	58.3	61.1	61.1	61.1	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 disease 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.