

**Area of Impact: Beaufort County**



	3 Years of Data					2 Years of Data		1 Year of Data		
	58-D70	S56XT99	P 7082 RX	MS 7057 RXT	MS 5607 RXT	CZ 5700X	S69-P9X	DG52X05/STS	P53A67X	S58XT30
Years	2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2019, 2020	2019, 2020	2020	2020	2020
Variety Records	26	36	36	36	36	26	27	12	12	12
<b>Variety</b>										
Variety / Company	Armor	Dyna-Gro	Progeny	MorSoy	MorSoy	Credenz	NK Brand	DELTA GROW	Pioneer	Dyna-Gro
Variety / Availability	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
Variety / Trait	Xtend	Xtend	Xtend	Xtend	Xtend	Xtend	Xtend	Xtend/STS	Xtend	Xtend
<b>Research</b>										
Maturity Group	MG5	MG5	MG78	MG78	MG5	MG5	MG6	MG5	MG5	MG5
Relative Maturity	5.8	5.6	7	7	5.6	5.7	6.9	5.2	5.3	5.8
Yield	65.2	60.1	60.7	59.6	60.9	66.9	63.3	64.2	66.5	72.7
% Yield Difference from Mean	6.8%	2.7%	10.9%	9.2%	4.3%	9.7%	3.1%	4.2%	8.2%	18.5%
Top Yield Group	31.0%	17.0%	42.0%	47.0%	22.0%	31.0%	30.0%	17.0%	25.0%	75.0%
Height	32.2	30.7	33.6	32	32.2	32	30.8	32.9	27.6	31.7
Growth Habit	Determinate	Determinate	Determinate	Determinate	Determinate	Determinate	Determinate		Determinate	Determinate
FELS	S	R	MR	R	R		R	MR		
SC	R	MR	R		S	R	R	R	MR	R
SDS	MR	MR		S	MR	MR	MR	MR	MR	MR/MS
SCN	R3	R(1,3)	MR/MS	R(3),MR(14)	R(1,3)	MR/MS	MR(3)			MR(3)
RKN	R	R	R	R	R	R	R	S	S	R
Phytophthora Field Tolerance	MS	MR	MR		MR	MR	S	MR/MS		MR/MS
Shatter	Excellent	Very Good	Excellent	Fair	Good		Excellent	Excellent		Very Good
Lodge	Good	Average	Good	Good	Average	Good	Good	Good	Good	Good
Flower Color	White	White	White	White	White	White	White		White	White
Pubescence	Tawny	Tawny	Tawny	Tawny	Tawny	Tawny	Tawny		Tawny	Tawny
Pod Wall	Tan	Tan	Tan	Tan	Brown	Tan	Brown			Tan
Chloride Sensitivity	Includer	Excluder	Excluder		Excluder	Includer	Excluder	Includer		Includer
Metribuzin Sensitivity		Tolerant			Tolerant					Tolerant
Mean Yield of Trials	61.1	58.3	54.7	54.7	58.3	61.1	61.5	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.