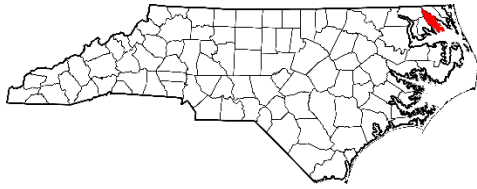


**Area of Impact: Pasquotank County**



	3 Years of Data				1 Year of Data				
	USG 7529XTS	AG48X9	LS5087X	P 5252 RX	LS5009XS	DM 47X39	MS 5110E	AG43X8	CZ 5000X
Years	2018, 2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2020	2020	2020	2020	2020
Variety Records	19	16	19	19	7	4	7	4	7
<b>Variety</b>									
Variety / Company	UniSouth Genetics	Asgrow	Local Seed Company	Progeny	Local Seed Company	DONMARIO SEEDS	MorSoy	Asgrow	Credenz
Variety / Availability	Available	Available	Available	Available	Available	Available	Available	Available	Available
Variety / Trait	Xtend/STS	Xtend/STS	Xtend	Xtend	Xtend/STS	Xtend	Enlist	Xtend	Xtend
<b>Research</b>									
Maturity Group	MG5	MG4	MG5	MG5	MG5	MG4	MG5	MG4	MG5
Relative Maturity	5.2	4.8	5	5.2	5	4.7	5.1	4.3	5
Yield	70.1	73.5	68.2	67.4	69.7	78	65.2	74.6	61.9
% Yield Difference from Mean	8.6%	3.0%	5.1%	4.2%	11.0%	5.1%	4.5%	0.1%	-2.2%
Top Yield Group	26.0%	31.0%	21.0%	21.0%	43.0%	25.0%	14.0%	25.0%	14.0%
Height	38.3	38.4	38.2	38.9	36.7	35.4	36.7	34.1	35.2
Growth Habit	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate
FELS	MR	MR/MS	R	MR		MR	MR	MR	MR
SC	R	MR	R	R		R		MR	R
SDS	MS	MR	MR	MR		MR		MR	MR
SCN	S	R(3)	R(3),MR(14)	S			R(3),MR(14)	R(3)	
RKN	S	S	S	S			S	S	MS
Phytophthora Field Tolerance	MR	MR	MR	MR		MR		MR	
Shatter	Excellent			Excellent		Excellent			
Lodge	Good	Very Good	Good	Good		Good		Average	Average
Pubescence	Gray	Light Tawny	Light Tawny	Gray		Light Tawny		Light Tawny	Light Tawny
Pod Wall	Tan	Tan	Tan	Tan		Tan		Brown	Tan
Chloride Sensitivity		Excluder	Includer	Includer				Excluder	
Metribuzin Sensitivity						Tolerant			
Mean Yield of Trials	64.8	71.3	64.8	64.8	63	74.1	63	74.1	63

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 (columns 1-4). 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.