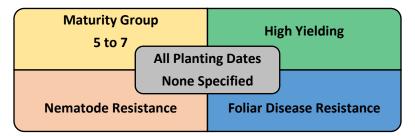


Variety Selection Tool Report

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
Phytophora 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

<u>Items of Note:</u> 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.