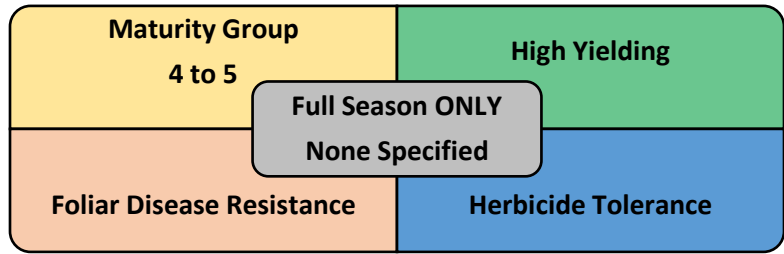


Area of Impact: Surry County



	3 Years of Data		2 Years of Data			1 Year of Data				
	S52RS86	USG 7478XTS	LS4565XS	USG 7480XT	LS4999X	P 4505 RXS	LS5009XS	S58XT30	DM 59E01	V 4921S
Years	2018, 2019, 2020	2018, 2019, 2020	2019, 2020	2019, 2020	2019, 2020	2020	2020	2020	2020	2020
Variety Records	19	16	11	11	11	4	7	7	7	4
Variety										
Variety / Company	Dyna-Gro	UniSouth Genetics	Local Seed Company	UniSouth Genetics	Local Seed Company	Progeny	Local Seed Company	Dyna-Gro	DONMARIO SEEDS	VIRTUE SEEDS
Variety / Availability	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
Variety / Trait	Roundup Ready 2/STS	Xtend/STS	Xtend/STS	Xtend	Xtend	Xtend/STS	Xtend/STS	Xtend	Enlist/STS	Conventional/STS
Research										
Maturity Group	MG5	MG4	MG4	MG4	MG4	MG4	MG5	MG5	MG5	MG4
Relative Maturity	5.2	4.7	4.5	4.8	4.9	4.5	5	5.8	5.1	4.9
Yield	72.3	77.6	79.8	82.3	80.7	81.7	69.7	75	66.1	79.6
% Yield Difference from Mean	11.7%	8.8%	8.4%	11.7%	9.7%	10.9%	11.0%	20.7%	4.7%	7.9%
Top Yield Group	42.0%	38.0%	36.0%	64.0%	45.0%	25.0%	43.0%	71.0%	14.0%	50.0%
Height	38.3	38.4	36.2	34.7	35.7	35.2	36.7	33.9	40.7	33.6
Growth Habit	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Determinate	Indeterminate	Indeterminate
FELS	S	R	R	MR	R	MR			MR	MR
SC	R		R	R	R	R		R	R	R
SDS	R	MS	MR	MR	MR	MR		MR/MS	MR	MR
SCN	R(3),MR(14)	R(3),MR(14)	R(3),MR(14)	S	R(3),MR(14)	MR(3)		MR(3)		
RKN	S	S	S	MS	S	S		R		
Phytophthora Field Tolerance	MR	MR/MS	MR		MR			MR/MS	MR/MS	R
Shatter	Very Good	Excellent		Excellent		Excellent		Very Good	Very Good	Very Good
Lodge	Average	Excellent	Good	Excellent	Very Good	Good		Good	Good	Very Good
Pubescence	Light Tawny	Light Tawny	Tawny	Light Tawny	Light Tawny	Light Tawny		Tawny	Gray	Light Tawny
Pod Wall	Tan	Brown	Brown	Tan	Brown	Brown		Tan	Tan	Tawny
Planting Timing	Full Season	Full Season	Full Season	Full Season	Full Season	Full Season	Full Season	Full Season	Full Season	Full Season
Chloride Sensitivity	Excluder	Excluder	Excluder		Excluder	Excluder		Includer		Excluder
Metribuzin Sensitivity	Tolerant							Tolerant		Average
Mean Yield of Trials	64.8	71.3	74	74	74	74.1	63	63	63	74.1

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.