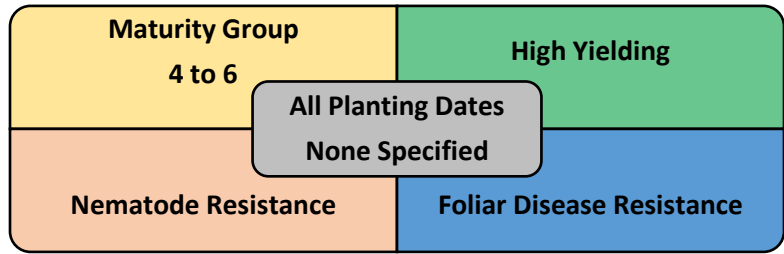


Area of Impact: Union County



	3 Years of Data			2 Years of Data	1 Year of Data						
	USG 7478XTS	S52RS86	S57-A7X	SH 6020 LL/STS	S47-Y9X	P 4505 RXS	P 4682 E3	P 4908 E3S	LS5009XS	S58XT30	DM 59E01
Years	2018, 2019, 2020	2018, 2019, 2020	2018, 2019, 2020	2019, 2020	2020	2020	2020	2020	2020	2020	2020
Variety Records	31	36	36	27	8	8	8	8	12	12	12
Variety											
Variety / Company	UniSouth Genetics	Dyna-Gro	NK Brand	Southern Harvest	NK Brand	Progeny	Progeny	Progeny	Local Seed Company	Dyna-Gro	DONMARIO SEEDS
Variety / Availability	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available	Available
Variety / Trait	Xtend/STS	Roundup Ready 2/STS	Xtend	LibertyLink/STS	Xtend	Xtend/STS	Enlist	Enlist/STS	Xtend/STS	Xtend	Enlist/STS
Research											
Maturity Group	MG4	MG5	MG5	MG6	MG4	MG4	MG4	MG4	MG5	MG5	MG5
Relative Maturity	4.7	5.2	5.7	6	4.7	4.5	4.6	4.9	5	5.8	5.1
Yield	69.8	67.2	60.5	65.6	75.3	75.4	73.3	76.4	68	72.7	66.9
% Yield Difference from Mean	9.2%	12.3%	3.9%	7.1%	7.1%	7.0%	4.2%	8.8%	10.1%	18.5%	7.6%
Top Yield Group	45.0%	53.0%	22.0%	44.0%	25.0%	13.0%	25.0%	38.0%	50.0%	75.0%	25.0%
Height	34.2	34.1	31.8	32.1	33.4	35	33.2	38.3	35.8	31.7	38.2
Growth Habit	Indeterminate	Indeterminate	Determinate	Determinate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Indeterminate	Determinate	Indeterminate
FELS	R	S	R	MR	MR	MR	MR	R			MR
SC		R	R		R	R	R	R		R	R
SDS	MS	R	MR		MR	MR	MS	MR		MR/MS	MR
SCN	R(3),MR(14)	R(3),MR(14)	R(3),MR(14)	MR	R(3),MR(14)	MR(3)	S	MS(3)		MR(3)	
RKN	S	S	MS	MS	S	S	S	MS		R	
Phytophthora Field Tolerance	MR/MS	MR	MR		MR		MR			MR/MS	MR/MS
Shatter	Excellent	Very Good	Excellent			Excellent	Excellent	Excellent		Very Good	Very Good
Lodge	Excellent	Average	Excellent		Very Good	Good	Excellent	Good		Good	Good
Pubescence	Light Tawny	Light Tawny	Tawny		Light Tawny	Light Tawny	Gray	Gray		Tawny	Gray
Pod Wall	Brown	Tan	Tan		Brown	Brown		Brown		Tan	Tan
Chloride Sensitivity	Excluder	Excluder	Excluder		Excluder	Excluder	Includer	Includer		Includer	
Metribuzin Sensitivity		Tolerant								Tolerant	
Mean Yield of Trials	64.2	59.8	58.3	61.5	70.6	70.6	70.6	70.6	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

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.