

2019 Northeast Ag Expo Soybean Variety Trials Yield Data @

Variety	Avg. Across Locations			Camden		Currituck		Chowan		Gates		Pasquotank		Perquimans	
	Yield	Maturity Group	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank	Yield	Rank
	bu/a			bu/a		bu/a		bu/a		bu/a		bu/a		bu/a	
Maturity Group 4															
Pioneer 46A86X	69.5	4.6	1	64.4	3	65.1	1			88.2	1	82.0	5	64.1	5
AgVenture AV46V6X	67.3	4.6	2	60.3	9	54.9	5			66.9	12	94.8	1	59.6	9
Progeny 4816 RXT	66.4	4.8	3	60.9	8	46.1	13			83.4	3	91.4	2	50.4	16
Local Seed LSX4801	66.3	4.8	4	68.3	1	50.9	8			86.7	2	63.3	14	56.0	12
MorSoy MS 4846 RXT	66.3	4.8	5	61.9	6	49.0	9			79.5	5	80.4	6	60.8	8
DynaGro S43XS27	66.3	4.3	6	53.7	12	43.1	15			81.0	4	82.2	4	71.5	1
GDM Seeds GM 49X13	66.2	4.9	7	64.5	2	57.2	4			64.9	14	85.4	3	59.0	10
Croplan RX 4928	65.8	4.9	8	61.9	7	60.2	2			77.0	6	78.5	7	65.8	4
UniSouth Genetics 7478 XTS	65.2	4.7	9	57.7	11	58.9	3			73.9	7	72.8	12	67.3	3
Syngenta S45-J3X	64.5	4.5	10	62.4	5	54.3	6			63.6	15	78.4	8	63.9	6
AgVenture AV48V2E	63.9	4.8	11	57.9	10	48.2	12			71.8	8	72.9	11	62.1	7
Asgrow AG 48X9	63.5	4.8	12	63.8	4	48.4	11			71.7	9	78.0	9	55.6	13
GDM Seeds GM 48E73	60.2	4.8	13	48.4	15	48.8	10			66.7	13	75.2	10	67.3	2
Rev 4990E	58.3	4.9	14	51.9	13	40.0	16			67.2	11	72.1	13	54.4	14
Credenz CZ 4539GTLL	55.4	4.5	15	50.5	14	45.8	14			67.7	10	60.6	16	52.4	15
Credenz CZ 3929GTLL	54.5	3.9	16	42.3	16	51.3	7			61.9	16	62.1	15	57.6	11
Average Yield within Locations	65.0			58.2		51.8				74.5		79.1		61.3	
Maturity Group 5															
MorSoy MS 5398 RXT	64.0	5.3	1	65.8	5	43.7	7	61.3	4	65.0	4	80.6	4	67.8	1
UniSouth Genetics 7529 XTS	63.7	5.2	2	56.2	9	63.3	1	64.5	3	68.0	1	77.3	6	52.7	10
Local Seed LS5087X	63.2	5	3	75.4	1	50.7	2	48.2	7	66.8	3	78.5	5	59.5	4
Pioneer 53A67X	62.9	5.3	4	70.0	3	46.0	4	64.8	2	58.5	10	81.9	2	56.5	7
DynaGro S56XT99	61.8	5.6	5	71.1	2	44.1	6	67.6	1	59.5	9	66.1	9	62.2	3
Rev 5659X	60.9	5.6	6	63.4	7	49.5	3	51.8	5	61.2	6	83.2	1	56.1	8
Asgrow AG 52X9	58.5	5.2	7	64.6	6	46.0	5	40.3	9	67.4	2	74.7	7	58.1	5
Syngenta S52-Y7X	56.3	5.2	8	52.1	10	40.9	8	50.7	6	60.6	7	69.3	8	64.4	2
Progeny 5016 RXT	55.2	5	9	63.1	8	39.7	9	28.1	10	62.4	5	80.9	3	57.1	6
Croplan RX 5548	53.1	5.5	10	68.2	4	33.7	10	46.0	8	60.3	8	54.6	10	55.9	9
Average Yield within Locations	60.0			65.0		45.8		52.3		63.0		74.7		59.0	

© Testers were used in each of the locations (except for one due to space restrictions) to remove within field variability not attributable to the varieties. The varieties are arranged and ranked in descending order by the average yield across locations within maturity groups. Within locations, the varieties are ranked in descending order by yield within maturity groups. The top three yielding varieties within locations and across locations have their ranking marked as following: 1 (blue), 2 (red), 3 (yellow).



2019 Northeast Ag Expo Soybean Variety Trial Production Information

County	Camden	Chowan	Currituck	Gates	Pasquotank	Perquimans
Cooperator	Temple Family Farms	AJ Smith & Sons	Sidney Garrett	Dane Eure	Jeff Spence	Laurence Chappell
Planting Date	May 16, 2019	June 27, 2019	May 22, 2019	May 20, 2019	May 17, 2019	June 5, 2019
Harvest Date	Nov 4, 2019	Nov 4, 2019	Oct 15, 2019	Nov 12, 2019	Oct 18, 2019	Nov 4, 2019
Soil Type	Chapanoke & Perquimans Silt Loam	State Loamy Fine Sand	Roanoke Fine Sandy Loam	Altavista & Tomotley Fine Sandy Loam	Gertie Silt Loam, Tomotley Fine Sandy Loam	Perquimans Silt Loam
Previous Crop	Soybean	Sage	Corn	Soybean	Soybean	Wheat
Seeding Rate/Row Spacing	125,000 15"	145,000 15"	125,000 15"	125,000 15"	125,000 15"	145,000 15"
Total Rainfall	27" (Climate FieldView)	25" (Climate FieldView)	29" (Climate FieldView)	28" (Climate FieldView)	26" (Climate FieldView)	31" (Climate FieldView)



CAMDEN • CURRITUCK • CHOWAN • GATES
PASQUOTANK • PERQUIMANS