

2021 Northeast Ag Expo Xtend Soybean Yield Data

Variety	Trait	Avg. Across Locations			Currituck		Gates		Perquimans	
		Yield	Maturity Group	Rank	Yield	Rank	Yield	Rank	Yield	Rank
		bu/a			bu/a		bu/a		bu/a	
Maturity Group 4										
Local Seed LS4606XFS	XtendFlex	67.1	4.6	1	79.5	1	69.2	1	52.7	6
DynaGro S49XT70	Xtend	64.4	4.9	2	71.4	5	68.9	2	53.0	5
Pioneer P46A86X	Xtend	63.5	4.6	3	75.6	3	64.2	4	50.8	8
UniSouth Genetics USG7461XFS	XtendFlex	62.8	4.6	4	78.5	2	56.8	9	53.1	4
Axis 4631 NRXS	Xtend	62.1	4.6	5	72.9	4	58.5	8	55.1	2
Progeny P4821RX	Xtend	61.2	4.8	6	67.3	7	62.5	6	53.8	3
Syngenta NK45-P9XF	XtendFlex	60.7	4.5	7	65.7	8	64.2	4	52.2	7
Asgrow AG48XF2	XtendFlex	59.9	4.8	8	68.1	6	54.2	10	57.5	1
DONMARIO SEEDS DM48F61	XtendFlex	56.1	4.8	9	56.6	9	66.5	3	45.1	10
MorSoy 4850XF	XtendFlex	54.2	4.8	10	55.9	10	59.3	7	47.4	9
Average Yield within Locations		61.2			69.1		62.4		52.1	
Maturity Group 5										
Axis 5319 NRX	Xtend	68.3	5.3	1	73.3	1	78.9	2	52.9	5
Local Seed LS5418XFS	XtendFlex	67.9	5.4	2	67.6	5	77.2	5	58.9	1
Asgrow AG54XF0	XtendFlex	64.7	5.4	3	70.2	2	67.4	10	56.5	2
DynaGro S58XT30	Xtend	63.8	5.8	4	65.7	7	72.4	8	53.4	4
DONMARIO SEEDS DM51F62S	XtendFlex	63.8	5.1	5	67.5	6	70.9	9	52.9	5
UniSouth Genetics USG 7571XT	Xtend	63.6	5.7	6	69.2	3	79.0	1	42.6	10
MorSoy 5640XF	XtendFlex	63.3	5.6	7	68.9	4	73.1	7	48.0	9
Syngenta NK57-A3XF	XtendFlex	63.3	5.7	8	58.4	9	77.5	4	53.9	3
Progeny P5554RX	Xtend	63.0	5.5	9	62.7	8	78.0	3	48.3	8
Pioneer P55A49X	Xtend	59.4	5.5	10	52.6	10	74.1	6	51.4	7
Average Yield within Locations		64.1			65.6		74.9		51.9	

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). Xtend varieties contain glyphosate and dicamba tolerance. XtendFlex varieties contain glyphosate, glufosinate, and dicamba tolerance.



2021 Northeast Ag Expo Xtend Soybean Trial Production Information

County	Currituck	Gates	Perquimans
Cooperator	Sidney Garrett	Dane Eure	Chris & Scott Perry
Planting Date	5/10/21	6/30/21	5/14/21
Harvest Date	11/10/21	11/19/21	10/15/21
Soil Type	Augusta & Tomotley Fine Sandy Loam	Altavista Fine Sandy Loam	Roanoke Silt Loam
Previous Crop	Corn	Corn	Soybean
Tillage	Conventional	Conventional	Conventional
Seeding Rate	125,000	160,000	125,000
Row Spacing	15"	15"	15"
Total Rainfall	35.9"	21.7"	24.8"

