

2022 Conventional Soybean Performance Trials Summary

Conducted by Dr. Heather Darby and the University of Vermont Northwest Crops and Soils Program

Maturity range (0.6 – 2.3) of soybean varieties in Alburgh, VT

Planting Date: 23-May & Harvest Date: 11-October



Company	Variety	Traits†	Relative maturity	Harvest moisture %	Yield at 13% moisture		Test weight lbs bu ⁻¹
					lbs ac ⁻¹	bu ac ⁻¹	
Brevant	B061EE	ENLIST E3	0.6	14.1*	3775	62.9	55.6
Seedway, LLC	SG 0720XT	RR2X	0.7	13.2 ‡	3844	64.1	54.8
Seedway, LLC	SG 0822XTF	XtendFlex	0.8	14.9*	3826	63.8	53.6
Asgrow	AG08XF3	XtendFlex	0.8	13.3*	3833	63.9	55.6
Brevant	B091EE	ENLIST E3	0.9	14.7	4104	68.4	55.9
Asgrow	AG09XF3	XtendFlex	0.9	13.3*	3790	63.2	55.7
Seedway, LLC	SG 1077XT	RR2X	1.0	13.5*	3949	65.8	55.9
Nutrien Ag Solutions	S12EN72	ENLIST E3	1.2	15.6	4486	74.8	54.2
Seedway, LLC	SG 1302E3	ENLIST E3	1.3	14.9*	4068	67.8	53.0
Brevant	B131EE	ENLIST E3	1.3	14.6*	4315	71.9	54.6
Asgrow	AG13XF0	XtendFlex	1.3	13.5*	4535	75.6	56.0
Nutrien Ag Solutions	S14EN22	ENLIST E3	1.4	15.9	4164	69.4	54.7
Nutrien Ag Solutions	S14XF43	XtendFlex	1.4	15.0*	3849	64.2	53.2
Seedway, LLC	SG 1432XTF	RR2X	1.4	15.1*	4615	76.9	55.2
Brevant	B149EE	ENLIST E3	1.4	14.2*	4182	69.7	54.7
Brevant	B141EE	ENLIST E3	1.4	15.5	4568	76.1	56.1
Asgrow	AG15XF2	XtendFlex	1.5	16.0	4304	71.7	51.1
Nutrien Ag Solution	S16EN42	ENLIST E3	1.6	17.0	4726	78.8	53.0
Asgrow	AG16XF3	XtendFlex	1.6	13.9*	3801	63.4	54.6
Nutrien Ag Solution	S17XF02	XtendFlex	1.7	15.3	3670	61.2	54.3
Seedway, LLC	SG 1708GT/LL	GT LL	1.7	15.5	4585	76.4	53.7
Asgrow	AG17XF2	XtendFlex	1.7	13.6*	4152	69.2	55.6
Nutrien Ag Solutions	S18EN52	ENLIST E3	1.8	15.8	5132	85.5	54.6
Seedway, LLC	SG 1822XTF	XtendFlex	1.8	19.3	4289	71.5	52.2
Brevant	B182EE	ENLIST E3	1.8	16.5	4522	75.4	52.7
Asgrow	AG18XF1	XtendFlex	1.8	15.4	4134	68.9	53.6
Nutrien Ag Solutions	S19XF62	XtendFlex	1.9	14.8*	4601	76.7	54.9
Asgrow	AG19XF3	XtendFlex	1.9	17.7	4720	78.7	53.7
Seedway, LLC	SG 20SSXT	RR2X	2.0	17.1	4753	79.2	52.6
Brevant	B202EE	ENLIST E3	2.0	15.6	4709	78.5	54.6
Asgrow	AG22XF3	XtendFlex	2.3	14.1*	4501	75.0	54.4
		LSD (0.10) ‡		1.87	NS	NS	NS
		Overall mean		15.1	4274	71.2	54.3

¥Values in **bold** indicate the top performer for the production metric and varieties with an asterisk * performed statistically similarly to the top performer.

‡LSD (0.10); least significant difference at p=0.10.

NS- no significant difference.

†Traits

ENLIST E3	Enlist E3™- tolerant to a new 2,4-D choline, glyphosate and glufosinate in a three-gene stack
GT LL	Glyphosate and glufosinate herbicide resistant
RR2X	Roundup Ready® 2 Xtend – glyphosate and dicamba herbicide resistance stacked with the RR2Y genes
XtendFlex	XtendFlex® - tolerance to dicamba, glyphosate, and glufosinate herbicides in a three-gene stack