

2021 Conventional Soybean Performance Trials Summary

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

Maturity range (0 – 2.1) of soybean varieties in Alburgh, VT

Planting Date: 05-25-2021 Harvest Date: 10-26-2021



Company	Variety	Traits†	Relative maturity	Harvest moisture	Yield at 13% moisture		Test weight	
				%	lbs ac ⁻¹	bu ac ⁻¹	lbs bu ⁻¹	
Seedway, LLC	SG 0720	RR2X	0.7	23.3	2660	49.8	53.4	
Seedway, LLC	SG 1077	RR2X	1.0	22.5	2583	48.6	53.2	
Seedway, LLC	SGX10XTF	XtendFlex	1.0	21.6	3221	59.6*	54.1	
Asgrow	AG11XF2	XtendFlex	1.1	19.2 ‡	3309	59.6*	55.6	
Brevant	B119EE	ENLIST E3	1.1	21.9	3146	58.8*	53.5	
Dyna-Gro	S12EN72	ENLIST E3	1.2	22.2	3827*	71.4*	53.6	
Dyna-Gro	S12XF92	XtendFlex	1.2	21.9	3179	59.0*	53.9	
Seedway, LLC	12XTF	XtendFlex	1.2	21.9	2532	46.9	53.9	
Seedway, LLC	13E3	ENLIST E3	1.3	21.7	3098	57.8*	53.6	
Seedway, LLC	SG 1320	ENLIST E3	1.3	21.7	3332	61.7*	54.0	
Asgrow	AG14XF2	XtendFlex	1.4	21.8	3242	60.3*	53.8	
Brevant	B149EE	ENLIST E3	1.4	20.8	3323	60.9*	54.6	
Seedway, LLC	1432XTF	ENLIST E3	1.4	20.7	3743*	70.5*	53.0	
Dyna-Gro	S15XF82	XtendFlex	1.5	21.7	3774*	70.9*	53.3	
Asgrow	AG15XF2	XtendFlex	1.5	21.7	3374	62.6*	54.0	
Dyna-Gro	S17XF02	XtendFlex	1.7	19.4	3612*	64.8*	55.6	
Seedway, LLC	SG 1708	GT LL	1.7	22.2	3205	59.6*	53.8	
Seedway, LLC	SG 1776	RR2Y	1.7	22.4	3614	68.1*	53.0	
Asgrow	AG17XF2	XtendFlex	1.7	20.3	3547	64.8*	54.7	
Brevant	B171EE	ENLIST E3	1.7	21.0	3217	59.2*	54.3	
Dyna-Gro	S18EN52	ENLIST E3	1.8	21.6	3577*	66.4*	53.9	
Seedway, LLC	SG 1863	RR2X	1.8	21.2	3041	56.8*	53.6	
Asgrow	AG18XF1	XtendFlex	1.8	22.9	3662*	68.9*	53.1	
Seedway, LLC	SG 1945	ENLIST E3	1.9	20.3	3930*	71.7*	54.8	
Seedway, LLC	SG 2055	RR2X	2.0	21.5	3959	73.7	53.7	
Brevant	B210EE	ENLIST E3	2.1	22.5	3242	60.4*	53.6	
Seedway, LLC	SG 2120	ENLIST E3	2.1	21.0	3316	60.9*	54.4	
Seedway, LLC	SG 2217	GT LL	2.2	21.5	3352	62.7*	53.4	
Seedway, LLC	SG 2832	RR2X	2.8	21.3	3741*	69.8*	53.6	
				LSD (0.10) ‡	NS	526	9.70	NS
				Overall Mean	21.5	3357	62.3	53.9

‡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 the 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
RR2Y	Roundup Ready® 2 Yield – greater yield potential with 10% more beans per pod than regular Roundup Ready® varieties
XtendFlex	XtendFlex® - tolerance to dicamba, glyphosate, and glufosinate herbicides in a three-gene stack