

2025 Conventional Soybean Performance Trials Summary

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

Maturity range (0.8 – 2.7) of soybean varieties in Alburgh, VT

Planting Date: 28-May 2025 & Harvest Date: 10-Oct & 16-Oct 2025

Company	Variety	Traits†	Maturity group	Harvest moisture %	Yield at 13% moisture		Test weight lbs bu ⁻¹
					lbs ac ⁻¹	bu ac ⁻¹	
Dekalb	A08E35	ENLIST E3	0.8	13.8*	2335	38.9	54.3
Nutrien Ag Solutions	S09XF55	XtendFlex	0.9	13.2*	3439*	57.3*	54.4
Seedway, LLC	SX 1005E3	ENLIST E3	1.0	13.8*	2861	47.7	53.9
Stine Seed Co.	10EE62	ENLIST E3	1.0	15.3	2406	40.1	46.9
Pioneer Hi-Bred Intl.	P11Z72E	ENLIST E3	1.1	14.3	2430	40.5	52.4
Seedway, LLC	SG 1143XTF	XtendFlex	1.1	14.0*	2889	48.1	53.0
Dekalb	AG12XF4	XtendFlex	1.2	13.1*	3164	52.7	54.3
Dekalb	A12E33	ENLIST E3	1.2	14.0*	3036	50.6	53.7
Brevant	B135EE	ENLIST E3	1.3	13.2*	3207	53.4	53.4
Brevant	B134EE	ENLIST E3	1.3	14.1	2966	49.4	52.8
Nutrien Ag Solutions	S13EN56	ENLIST E3	1.3	13.0‡	3777*	63.0*	54.4
Seedway, LLC	SG 1320E3	ENLIST E3	1.3	13.8*	3534*	58.9*	51.8
Brevant	B144EE	ENLIST E3	1.4	13.8*	3168	52.8	52.7
Dekalb	AG14XF4	XtendFlex	1.4	13.7*	3193	53.2	52.6
Seedway, LLC	SG 1432XTF	XtendFlex	1.4	14.0*	3496*	58.3*	52.3
Seedway, LLC	SG 1525E3	ENLIST E3	1.5	13.7*	3594*	59.9*	53.3
Dekalb	AG16XF5	XtendFlex	1.6	13.3*	3489*	58.1*	55.0
Nutrien Ag Solutions	S16EN42	ENLIST E3	1.6	13.9*	3460*	57.7*	54.1
Pioneer Hi-Bred Intl.	P16Z42E	ENLIST E3	1.6	13.7*	3251	54.2	52.9
Brevant	B173EE	ENLIST E3	1.7	13.5*	4010*	66.8*	54.6
Seedway, LLC	SG 1723E3	ENLIST E3	1.7	13.6*	3382*	56.4*	53.9
Dekalb	A18E35	ENLIST E3	1.8	13.7*	3456*	57.6*	56.2*
Nutrien Ag Solutions	S18EN35	ENLIST E3	1.8	13.6*	3750*	62.5*	57.0*
Dekalb	A19E36	ENLIST E3	1.9	13.7*	3428*	57.1*	56.6*
Dekalb	AG19XF3	XtendFlex	1.9	13.4*	3978*	66.3*	57.7*
Seedway, LLC	SX 1994XTF	XtendFlex	1.9	13.7*	3335	55.6	58.1*
Seedway, LLC	SX 1905E3	ENLIST E3	1.9	13.9*	2926	48.8	58.4
Dekalb	AG20XF4	XtendFlex	2.0	13.7*	3121	52.0	57.5*
Nutrien Ag Solutions	S20EN46	ENLIST E3	2.0	14.0*	3431*	57.2*	56.4*
Dekalb	A21E34	ENLIST E3	2.1	14.2	3520*	58.7*	55.7

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Company	Variety	Traits†	Maturity group	Harvest moisture	Yield at 13% moisture		Test Weight
				%	lbs ac ⁻¹	bu ac ⁻¹	lbs bu ⁻¹
Dekalb	AG22XF5	XtendFlex	2.2	13.8*	3603*	60.0*	57.8*
Pioneer Hi-Bred Intl.	P22A36PR	Plenish, R	2.2	14.3	3460*	57.7*	55.0
Dekalb	A23E36	ENLIST E3	2.3	14.3	3763*	62.7*	56.5*
Dekalb	AG24XF4	XtendFlex	2.4	13.4*	3079	51.3	57.3*
Dekalb	AG26XF4	XtendFlex	2.6	13.6*	4023	67.0	57.3*
Dekalb	AG27XF3	XtendFlex	2.7	16.8	3869*	64.5*	53.5
LSD (0.10) §				0.98	660	11.0	2.35
Overall mean				13.8	3329	55.5	54.6

†Traits of soybean varieties evaluated in the 2025 variety trial.

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

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

ENLIST E3	Enlist E3™- tolerant to a new 2,4-D choline, glyphosate and glufosinate in a three-gene stack
Plenish	Plenish® (P) high oleic soybeans have an enhanced oil profile and are produced and channeled under contract to specific grain markets.
R	Glyphosate tolerant
XtendFlex	XtendFlex® - tolerance to dicamba, glyphosate, and glufosinate herbicides in a three-gene stack