

2017

# Conventional Soybean Performance Trials Summary

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## 2017 Conventional Soybean Performance Trials Summary

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

Conventional short maturity (000 – 2.0) soybean varieties in Alburgh, VT

Planting Date: 6/1/2017

Harvest Date: 10/20/2017



Company	Variety	Traits*	Relative maturity	Harvest moisture	Yield at 13% moisture		Test weight	Harvest population
				%	lbs ac <sup>-1</sup>	bu ac <sup>-1</sup>	lbs bu <sup>-1</sup>	plants ac <sup>-1</sup>
Channel Bio, LLC	00717R2X	RR2X	0.07	12.0	3322	55.4	57.7*	137456
Channel Bio, LLC	0317R2X	RR2X	0.3	<b>11.1</b>	3059	51.0	58.3*	152944
Channel Bio, LLC	0518R2X	RR2X	0.5	11.9	3605	60.1	57.3*	160688*
Channel Bio, LLC	0616R2X	RR2X	0.6	11.3*	3469	57.8	58.0*	151008
Channel Bio, LLC	0916R2X	RR2X	0.9	11.5*	3667	61.1	56.9*	133584
Channel Bio, LLC	1017R2X	RR2X	1.0	11.2*	3514	58.6	58.7*	158752*
Channel Bio, LLC	1117R2X	RR2X	1.1	11.5*	3618	60.3	58.5*	154880*
Channel Bio, LLC	1318R2X	RR2X	1.3	11.6*	3623	60.4	57.9*	160688*
Channel Bio, LLC	1517R2X	RR2X	1.5	11.8	3563	59.4	57.5*	145200
Channel Bio, LLC	1816R2X	RR2X	1.6	11.4*	4107*	68.5*	58.6*	137456
Channel Bio, LLC	1818R2X	RR2X	1.8	11.7*	3928*	65.5*	58.8*	156816*
Dyna-Gro	S09RY64	RR2Y	0.9	11.3*	3577	59.6	57.7*	158752*
Dyna-Gro	S11XT78	RR2X	1.1	11.5*	3475	57.9	59.0*	131648
Dyna-Gro	S12RY44	RR2Y	1.2	11.8	3920*	65.3*	57.9*	164560*
Dyna-Gro	S12XT07	RR2X	1.2	11.6*	3776	62.9	57.1*	141382
Dyna-Gro	S16XT58	RR2X	1.6	11.3*	3981*	66.3*	59.4*	154880*
Dyna-Gro	S18XT38	RR2X	1.8	11.9	3932*	65.5*	59.1*	<b>172304</b>
King's Agriseed	128N	Conventional	1.2	14.0	2285	38.1	56.8	121968
Syngenta	S20-T6	RR2Y	2.0	11.6*	<b>4296</b>	<b>71.6</b>	58.4*	149072
Seedway, LLC	SG0975	RR2Y	0.9	11.1*	3896*	64.9*	59.2*	152944
Seedway, LLC	SG1055	RR2Y	1.0	11.5*	3300	55.0	<b>59.8</b>	143264
Seedway, LLC	SG1311	RR2Y	1.3	12.2	3906*	65.1*	52.3	139392
Seedway, LLC	SG1776	RR2Y	1.7	11.2*	4123*	68.7*	58.9*	158752
		LSD (0.10)	N/A <sup>†</sup>	0.622	516	8.60	2.90	18671
		Overall Mean	N/A	11.5	3698	60.8	58.0	149493

Values in **bold** indicate the top performer for that measure

Varieties with an asterisk\* performed statistically similarly to the top performer

†Statistical analysis was not performed on this parameter

\*Traits

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