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Organic Soybean Performance Trials Summary

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2020 Organic Soybean Performance Trials Summary

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

Maturity range (0.6 – 1.8) of soybean varieties in Alburgh, VT

Planting Date: 05-21-2020 and Harvest Date: 10-14-2020



Company/Brand	Variety	Traits†	Relative maturity	Harvest moisture	Yield at 13% moisture		Test weight
				%	lbs ac ⁻¹	bu ac ⁻¹	lbs bu ⁻¹
Albert Lea Seed/Viking	O.0654AT	Rag1	0.6	16.1	2609	43.5	56.6
Blue River Organic Seed	07DC8		0.7	16.1	3777	63.0	54.8
Albert Lea Seed/Viking	O.MN0810		0.8	16.4	3069	51.1	54.9
Blue River Organic Seed	12A2		1.2	16.3	3134	52.2	55.1
Albert Lea Seed/Viking	O.1202N	Rps1k; PI88788	1.2	15.1	3519*	58.7*	55.1
Albert Lea Seed/Viking	O.1518N	Rps1k; PI88788	1.5	16.1	3369*	56.2*	54.0
Albert Lea Seed/Viking	O.1700		1.7	16.1	3608*	60.1*	54.5
Blue River Organic Seed	18C7		1.8	16.3	3714*	61.9*	56.2
			LSD (p=0.10)	0.608	494	8.24	NS
			Overall Mean	16.1	3350	55.8	55.1

Values in **bold** indicate the top performer for the production metric.

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

NS- not statistically significant.

†Traits (these varieties are not GMOs and are certified organic varieties).

Rag1	Tolerant of soybean aphid
Rps1k	Phytophthora root rot resistant
PI88788	Soybean cyst nematode resistant