

2019 Organic Soybean Variety Trial



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In 2019, the University of Vermont Extension Northwest Crops and Soils Program evaluated yield and quality of short season organic soybean varieties at Borderview Research Farm in Alburgh, VT. Soybeans

Table 2. Soybean trial specifics for Alburgh, VT, 2019.

	Borderview Research Farm Alburgh, VT
Soil types	Benson rocky silt loam 8-15% slope
Previous crop	Barley
Tillage operations	

RESULTS

Weather data was recorded with a Davis Instrument Vantage Pro2 weather station, equipped with a WeatherLink data logger at Borderview Research Farm in Alburgh, VT (Table 3). Overall

Test weights overall were slightly lower than ideal ranging from 55.6 to 56.6 lbs bu⁻¹. The target test weight for soybeans is 60 lbs bu⁻¹. Low test weights may have been caused by low rainfall at the time of pod formation and seed fill. Very little disease or insect pressure was observed throughout the season (Table 5). Despite dry conditions, which would limit fungal pathogen growth, some varieties had significant downy mildew infection. Soybean varieties differed statistically in their tolerance/resistance to downy mildew with the lowest infection,

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