

Table S1. Methods used to assess soil edaphic factors.

Measurement	Extraction Method	Detection Method
Soil Texture	Sodium Hexametaphosphate	Hydrometer, 6 hrs with Gravimetric Sand Sieve
Organic Matter	N/A	Loss on Ignition at 375°C for 16 hrs
pH, EC	1:2 Soil:Water	Probe
NO ₃ -N	0.01 M CaCl ₂	Cd Reduction on Auto Flow Colorimetry
P	Modified Kelowna	Auto Flow Colorimetry
SO ₄ -S	0.01 M CaCl ₂	ICP-OES ^a
K	1 N Neutral Ammonium Acetate	Atomic Absorption

^a Inductively coupled plasma with optical emission spectroscopy.