

Supplemental Table S1. Field Soil Chemical Analysis of Albany and Kearney sites. 50g of soil was used for chemical analysis at UMass Soil and Plant Tissue Testing Laboratory. Soil pH, ppm values for micronutrients zinc, manganese, iron, copper are reported.

Factor	Albany Field	Kearney Field
pH	5.2	7.37
Zn (ppm)	3.3	66
Mn (ppm)	29.5	295
Fe (ppm)	40	13800
Cu (ppm)	1.5	18
Longitude	122.2982° W	119.5109° W
Latitude	37.8864° N	36.6008° N