

Table S1: Soil characteristics of sampling site

Parameter	Value
pH	$4.98 \pm 0.078$
Organic Matter (%)	$3.95 \pm 0.071$
P <sub>2</sub> O <sub>5</sub> (kg/ha)	$290 \pm 67.9$
K <sub>2</sub> O (kg/ha)	$135 \pm 24.7$
Calcium (kg/ha)	$170 \pm 98.99$
Magnesium (kg/ha)	$35 \pm 14.1$
Sodium (kg/ha)	$< 16$
Sulfur (kg/ha)	$78 \pm 5.66$
Aluminum (ppm)	$1955 \pm 33.9$
Boron (ppm)	$< 0.50$
Copper (ppm)	$0.23 \pm 0.064$
Iron (ppm)	$116 \pm 19.8$
Manganese (ppm)	$23 \pm 8.5$
Zinc (ppm)	$1.22 \pm 0.16$
CEC (meq/100 g)	$5.30 \pm 0.283$

Results taken from the average of two soil tests of bulked soil from sample site