

Supplements:

Table S1: Parameters of purchased potting soil

Parameter	Commercial Potting Soil
pH	5.8
Organic Material	65%
Salt Content	2.0 mg/L
Nitrogen	250 mg/L
Phosphorus P₂O₅	250 mg/L
Potassium Oxide K₂O	450 mg/L
Magnesium	170 mg/L
Sulfur	130 mg/L

Table S2: Soil analysis results

Parameter (%Total Mass)	Yard Soil	Swamp	Forest Soil 1	Forest Soil 2	Beach Sand
pH	6.7	5.1	4.1	3.2	6.6
Potassium	0.046	0.025	0.053	0.034	0.017
Magnesium	0.086	0.092	0.053	0.04	0.057
Organic material	2.4	71.8	14.4	30.9	0.1
Phosphorus	0.094	0.088	0.037	0.050	0.016
Nitrogen	0.12	2.25	0.034	0.80	N/A
Sulfur	0.02	0.77	0.04	0.09	0.0044