

APPENDIX E

SOIL NUTRIENT PARAMETERS

CHARACTERISTIC	DESIRED LEVEL
Soluble Salts (EC)	0.75 - 3.5 mS/cm
pH	5.5 - 7.0
Sodium (Na)	10 - 50 ppm
Nitrogen (N) Nitrate (NO ₃)	40 - 200 ppm
Ammonium (NH ₄)	0 - 30 ppm
Phosphorus (P)	5 - 100 ppm
Potassium (K)	35 - 350 ppm
Calcium (Ca)	40 - 200 ppm
Sulfates (SO ₄)	40 - 250 ppm
Magnesium (Mg)	20 - 100 ppm
Manganese (Mn)	0.1- 3 ppm
Iron (Fe)	0.3 - 3 ppm
Boron (B)	0.05 - 0.5 ppm
Copper (Cu)	0.001 - 0.5 ppm
Zinc (Zn)	0.1 - 3 ppm
Aluminum (Al)	0 - 4 ppm
Silicon (Si)	0 - 40 ppm