

SI

1. Some Physical and Chemical Properties of the Trial Soil

Soil Properties	Unit	Means
Nitrogen(N)	%	1.61±0.07
*Organic Matter	%	1.65±0.14
Plant available P	mg kg ⁻¹	4.31±0.48
Exchangeable K	Cmolc kg ⁻¹	5.17±0.85
Structure	%	55.4±1.41
*CaCO ₃	%	1.70±0.15
pH (1:2 soil: water)		7.3±0.17
*Electric Conductivity (EC)	dS cm ⁻¹	0.02±0.001
Exchangeable Ca	Cmolc kg ⁻¹	17.5±1.41
Exchangeable Mg	Cmolc kg ⁻¹	2.58±0.23
Exchangeable Na	Cmolc kg ⁻¹	0.83±0.12
Available Fe	mg kg ⁻¹	3.51±0.45
Available Zn	mg kg ⁻¹	11.4±0.51
Available Cu	mg kg ⁻¹	5.37±1.46
Available Mn	mg kg ⁻¹	3.58±1.36
Cation Exchangeable Capacity (CEC)	meq kg ⁻¹	65.3±1.45
Available B	mg kg ⁻¹	1.33±0.14
Sand	%	35.31±1.45
Clay	%	33.34±1.72
Silt	%	31.35 ±2.13