

Soil Analysis Report

Central Sericulture Research and Training Institute, Mysore



We have been testing SWU (Structured Water Unit) water irrigation with normal water irrigation in Vijay Foundation Farm for the last 18 months plus. The same plot is used for SWU and normal water respectively and different crops have been grown continuously.

After these 18 months we tested the soils of SWU Plot and Normal Water Plot and the results are displayed below. The soil test was carried out by Central Sericulture Research and Training Institute, Mysore. Sample A is SWU Plot and Sample B is Normal Water Plot.

We find there is an improvement in soil pH and availability of Potassium is more in the case of SWU

Plot - A (Structured Water Unit)

Nutrient	Favourable Range	Value in tested soil
pH	6.5 - 7.5	7.68
Electrical Conductivity (millimohs/cm)	< 1.00	0.21
Organic Carbon (%)	0.65 - 1.00	0.57
Avilable phosphorous (Kg/ha)	15 - 25	40.31
Avilable potassium (Kg/ha)	120 - 240	179

Plot - B (Normal Water)

Nutrient	Favourable Range	Value in tested soil
pH	6.5 - 7.5	6.44
Electrical Conductivity (millimohs/cm)	< 1.00	0.20
Organic Carbon (%)	0.65 - 1.00	0.68
Avilable phosphorous (Kg/ha)	15 - 25	45.75
Avilable potassium (Kg/ha)	120 - 240	134