



Water Hyacinth Soil Conditioner Parameters

S No	Parameter	Unit	FCO Specs	W H S C Value
1	Bulk Density	gm/cc	<1.0	0.65
2	Total Organic Carbon %	Wt-Min	>14	23.38
3	Total Organic Nitrogen as N %	Wt-Min	>0.5	2.18
4	Total Organic Potash as K2O %	Wt-Min	>0.5	0.37
5	Total Organic Phosphate P2O5 %	Wt-Min	>0.4	0.37
6	C/N Ratio		<20	10.72
7	pH		6.5-7.5	6.72
8	Conductivity	dsm-1	<4	1.63
9	Arsenic as As2O6	Wt-Min	<10	BD
10	Chromium as CR	Wt-Min	<50	9.96
11	Cadmium as CD	Wt-Min	<5	BD
12	Copper as Cu	Wt-Min	<300	5.47
13	Mercury as Hg	Wt-Min	<0.15	BD
14	Nickel as Ni	Wt-Min	<50	BD
15	Lead as Pb	Wt-Min	<100	27.79
16	Zinc as Zn	Wt-Min	<1000	44.77

BD is Below Detection FCO Fertiliser Control Order 1985

Normal methods and pesticides which yielded 40 bags of paddy per acre

50 Kg WH SC & 40 Kg of urea with no pesticides and gave 42 bags of better paddy

WH Soil conditioner analysis a shot in the arm for a farmer to get better output with an intrinsically strong plant and with internal resistance to pests

improve Total Organic Carbon (TOC) which determines the soil fertility is depleted in all soils <0.4 to 1

WH the invasive weed grows abnormally capturing CO₂ on growth in water bodies absorbing sewage and cleaning them, is also now used as the green manure Available in granule form too
Enhance the soil Rejuvenating Air-Water-Soil



Supplements the usage of chemical fertilisers to strengthen the plants with quality output

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