

SOIL HEALTH CARD

Center Name: SOIL HEALTH CENTER,
MANGALORE

Address : Behind Taluk Panchayath Building,
Hampankatta, Nehru Maidan road, Mangalore,
Dakshina Kannada, Karnataka - 575001

Test ID: SHC2024-347-080103-hvEowW
Testing Date : December 12, 2024



Government of India
Ministry of Agriculture and Farmers Welfare
Department of Agriculture and Farmers Welfare



SAMPLE INFORMATION

Survey No. : 490*/2B3
Plot Address :
Dakshina Kannada,Bantwal,Vitla,Kolnadu
Sampling Date : April 21, 2024
Geo Position(GPS) : 12.791689, 75.028699

CARD ISSUED TO

Name : SESAPPA BAIRA
Phone Number : +91*****3912
Address :
Perladabailu House, Kolnadu, Bantval,
Dakshina Kannada, Karnataka



SELECTED CROP

Pigeon Pea (All Variety / Rainfed / Kharif),
Pigeon Pea (Rainfed / Rabi),
ಮಕ್ಕಜೋಳ, ಮುಸುಕಿನ ಜೋಳ, ಗೋವಿನ
ಜೋಳ (All Variety / Rainfed / Kharif),
ಮಡಿಕೆ, ಮಟಕಿ (Rainfed / Kharif),
ಉದ್ದು (All Variety / Rainfed / Kharif)



PLOT SIZE

0.014 Hectare
Soil Type : Laterite Soil
Plot Image



SOIL SAMPLE DETAILS

AVAILABLE NITROGEN (N) 170.00 kg/ha RANGE : 280 – 560	AVAILABLE PHOSPHORUS (P) 18.00 kg/ha RANGE : 10 – 25	AVAILABLE POTASSIUM (K) 67.00 kg/ha RANGE : 120 – 280
PH (pH) 5.26 RANGE : 5.5 - 8.5	EC (EC) 0.02dS/m RANGE : < 1	ORGANIC CARBON (OC) 0.91 w% RANGE : 0.50 - 0.75
AVAILABLE SULPHUR (S) 7.00 ppm RANGE : > 10	AVAILABLE ZINC (Zn) 0.94 ppm RANGE : > 0.6	AVAILABLE BORON (B) 0.15 ppm RANGE : > 0.5
AVAILABLE IRON (Fe) 7.00 ppm RANGE : > 4.5	AVAILABLE MANGANESE (Mn) 2.24 ppm RANGE : > 2	AVAILABLE COPPER (Cu) 2.17 ppm RANGE : > 0.2

MEASURED SCALE	MEDIUM, NEUTRAL, SUFFICIENT, ALKALINE, SLIGHTLY ACIDIC, HIGH (OC,OM)	MEDIUM(OC,OM)	LOW, DEFICIENT	HIGH, ACIDIC, SALINE, HIGHLY ALKALINE, LOW (OC,OM)	NOT AVAILABLE
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RECOMMENDATION

CROP	SOIL CONDITIONER / AMENDMENT	FERTILIZER COMBINATION-1	FERTILIZER COMBINATION-2
Pigeon Pea (All Variety / Rainfed / Kharif)	FYM / Compost / Manure (Tonne Per Hectare) - 5.0	DAP - 109 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 30 Kg Per Hectare	SSP - 313 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 72 Kg Per Hectare
Pigeon Pea (Rainfed / Rabi)	FYM / Compost / Manure (Tonne Per Hectare) - 5.0	DAP - 109 Kg Per Hectare MOP - 55 Kg Per Hectare	SSP - 313 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 36 Kg Per Hectare
ಮಡಿಕೆ, ಮಟಕಿ (Rainfed / Kharif)	FYM / Compost / Manure (Tonne Per Hectare) - 5.0	DAP - 54 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 15 Kg Per Hectare	SSP - 156 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 36 Kg Per Hectare
ಉದ್ದು (All Variety / Rainfed / Kharif)	FYM / Compost / Manure (Tonne Per Hectare) - 5.0	DAP - 54 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 15 Kg Per Hectare	SSP - 156 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 36 Kg Per Hectare
ಮೆಕ್ಕಜೋಳ, ಮುಸುಕಿನ ಜೋಳ, ಗೋವಿನ ಜೋಳ (All Variety / Rainfed / Kharif)	FYM / Compost / Manure (Tonne Per Hectare) - 6.7	DAP - 109 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 103 Kg Per Hectare	SSP - 313 Kg Per Hectare MOP - 55 Kg Per Hectare Urea - 146 Kg Per Hectare
MICRONUTRIENT FERTILIZER			
Bentonite Sulphur - 1 Kg Per Hectare , Borax - 10 Kg Per Hectare			

RECLAMATION OF ACIDIC SOILS

LIME APPLICATION (PH < 6.5) : 1400 Kg Per Hectare

DISCLAIMER: OUR REPORT IS NOT TO BE REPRODUCED WHOLLY OR IN PART AND CANNOT BE USED AS EVIDENCE IN THE COURT OF LAW
AND SHOULD NOT BE USED IN ANY ADVERTISING MEDIA WITHOUT OUR PRIOR WRITTEN APPROVAL THE FERTILIZER RECOMMENDATION
SHOWN IN THIS REPORT IS FOR A FULL SEASON OF THE SELECTED CROP.