

**CENTRAL SILK BOARD**

Ministry of Textiles-
Govt. Of India
Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Jyostna Rani Pradhan

Address

Village Barhatipura

Sub-District Ghatagaon

District Keonjhar

PIN

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 944

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.80ha

Geo Position (GPS)
Latitude:21°38'N
Longitude : 85°87'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.38		St.Acid
2	EC	0.085	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.93	%	H
4	Available Nitrogen (N)	170.7	Kg ha ⁻¹	L
5	Available Phosphorus (P)	6.30	Kg ha ⁻¹	L
6	Available Potassium (K)	156.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	8.95	ppm	L
8	Available Zinc (Zn)	1.57	ppm	S
9	Available Boron (B)	4.18	ppm	S
10	Available Iron (Fe)	17.05	ppm	S
11	Available Manganese (Mn)	72.95	ppm	S
12	Available Copper (Cu)	1.41	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:944

Name of farmer :Jyostna Rani Pradhan

Validity : From: Aug 2018
To: Aug 2021

L=Low; M=Medium; H=High; S=Sufficiency; D= Deficiency; VS=Very Strongly; St.=Strongly; Sl. Slightly; Mod.= Moderately

Secondary & Micro Nutrients Recommendations**Fertilizer Recommendations for Reference Yield (with Organic Manure)**

Sl. No.	Parameter	Recommendations for Soil Applications	Sl. No.	Food Plant	Reference Yield	Fertilizer Combination-1 for N P K (Straight fertilizers)	Fertilizer Combination-2 for N P K (Complex/mixed fertilizers)
1	Sulphur (S)	12kg		Arjun	34 t/ha	Urea:217 kg	DAP:109 kg
2	Zinc (Zn)					SSP:313kg	Urea: 180kg
3	Boron (B)					MOP:67 kg	MOP: 67kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -10t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi