



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: Bhilu Murmu

Address:

Village: Jaladiha

Sub-District: Budhikhamari

District: Mayurbhanj

PIN: 757032

Aadhaar Number: -

Mobile Number:

Soil Sample Details

Soil Sample Number: 757

Sample Collected on: 24-08-2018

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 0.80 ha

Geo Position (GPS):
Latitude: 22°09'N
Longitude: 86°31'E

Irrigated / Rainfed: Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.59		Mod. Acid
2	EC	0.044	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.42	%	L
4	Available Nitrogen (N)	173.2	Kg ha ⁻¹	L
5	Available Phosphorus (P)	7.90	Kg ha ⁻¹	L
6	Available Potassium (K)	313.6	Kg ha ⁻¹	H
7	Available Sulphur (S)	4.90	ppm	L
8	Available Zinc (Zn)	1.39	ppm	S
9	Available Boron (B)	5.39	ppm	S
10	Available Iron (Fe)	18.70	ppm	S
11	Available Manganese (Mn)	40.95	ppm	S
12	Available Copper (Cu)	2.19	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 757

Name of farmer: Bhilu Murmu

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)	12 kg		Arjun	34 t/ha	Urea: 217 kg	DAP: 109kg
2	Zinc (Zn)					SSP: 313 kg	Urea: 180 kg
3	Boron (B)					MOP: 50 kg	MOP: 50 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 10 t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi

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SOIL HEALTH CARD

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Laboratory

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Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.: 759

Name of farmer : Madhusudan Tudu

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name	Madhusudan Tudu
Address	
Village	Khadikasole
Sub-District	Budhikhamari
District	Mayurbhanj
PIN	757032
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.88		Mod.Acid
2	EC	0.050	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.69	%	M
4	Available Nitrogen (N)	151.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	4.50	Kg ha ⁻¹	L
6	Available Potassium (K)	414.4	Kg ha ⁻¹	H
7	Available Sulphur (S)	4.90	ppm	L
8	Available Zinc (Zn)	3.88	ppm	S
9	Available Boron (B)	3.61	ppm	S
10	Available Iron (Fe)	34.35	ppm	S
11	Available Manganese (Mn)	39.30	ppm	S
12	Available Copper (Cu)	4.18	ppm	S

Soil Sample Details

Soil Sample Number	759
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.70 ha
Geo Position (GPS)	Latitude: 22°09'N Longitude : 86°31'E
Irrigated / Rainfed	Rainfed

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)	10.5 kg		Arjun	34 t/ha	Urea: 6190kg	DAP: 114 kg
2	Zinc (Zn)					SSP: 328 kg	Urea: 151 kg
3	Boron (B)					MOP: 29 kg	MOP: 29 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM8.75 t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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