



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 Budiram Tudu

Address

Village Asanbani

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 888

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.90 ha

Geo Position (GPS) Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.81		Mod.Acid
2	EC	0.051	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.33	%	L
4	Available Nitrogen (N)	208.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	1.90	Kg ha ⁻¹	L
6	Available Potassium (K)	145.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	5.25	ppm	L
8	Available Zinc (Zn)	3.28	ppm	S
9	Available Boron (B)	3.91	ppm	S
10	Available Iron (Fe)	31.70	ppm	S
11	Available Manganese (Mn)	31.85	ppm	S
12	Available Copper (Cu)	3.54	ppm	S



Soil Health Card No.:888

Name of farmer :Budiram Tudu

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)	13.5kg		Arjun	34 t/ha	Urea: 245kg	DAP:147 kg
2	Zinc (Zn)					SSP:422kg	Urea:194 kg
3	Boron (B)					MOP: 75kg	MOP:75 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -11.25t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi



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Ministry of Textiles-
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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name	Khadia Tudu
Address	
Village	Asanbani
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.28		St.Acid
2	EC	0.195	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.48	%	L
4	Available Nitrogen (N)	163.2	Kg ha ⁻¹	L
5	Available Phosphorus (P)	1.90	Kg ha ⁻¹	L
6	Available Potassium (K)	123.2	Kg ha ⁻¹	M
7	Available Sulphur (S)	6.18	ppm	L
8	Available Zinc (Zn)	0.35	ppm	D
9	Available Boron (B)	7.51	ppm	S
10	Available Iron (Fe)	42.45	ppm	S
11	Available Manganese (Mn)	31.90	ppm	S
12	Available Copper (Cu)	6.38	ppm	S

Soil Health Card



Soil Health Card No.:898

Name of farmer :Khadia Tudu

Validity : From: Aug 2018
To: Aug 2021

Soil Sample Details

Aadhaar Number	-
Mobile Number	
Soil Sample Number	898
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.20 ha
Geo Position (GPS)	Latitude:21°93'N Longitude : 86°73'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)	18kg		Arjun	34 t/ha	Urea: 326kg	DAP:196 kg
2	Zinc (Zn)	Zinc Sulphate-30kg				SSP:563kg	Urea:258 kg
3	Boron (B)					MOP: 100kg	MOP:100 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -15t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:905

Name of farmer :Kaharam Singh

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name	Kaharam Singh
Address	
Village	Bisnupal
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.78		Mod.Acid
2	EC	0.154	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.42	%	L
4	Available Nitrogen (N)	169.5	Kg ha ⁻¹	L
5	Available Phosphorus (P)	18.4	Kg ha ⁻¹	M
6	Available Potassium (K)	268.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	4.23	ppm	L
8	Available Zinc (Zn)	0.22	ppm	D
9	Available Boron (B)	3.69	ppm	S
10	Available Iron (Fe)	20.95	ppm	S
11	Available Manganese (Mn)	30.95	ppm	S
12	Available Copper (Cu)	6.38	ppm	S

Soil Sample Details

Soil Sample Number	905
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.0 ha
Geo Position (GPS)	Latitude:21°93'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)	15kg		Arjun	34 t/ha	Urea:272 kg	DAP:82 kg
2	Zinc (Zn)	Zinc Sulphate-25kg				SSP:234kg	Urea:243 kg
3	Boron (B)					MOP: 83 kg	MOP:83 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -12.5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:908

Name of farmer : Mangal Singh

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name Mangal Singh

Address

Village Bisnupal

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 908

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.40 ha

Geo Position (GPS)
Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.49		St.Acid
2	EC	0.052	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.90	%	H
4	Available Nitrogen (N)	168.2	Kg ha ⁻¹	L
5	Available Phosphorus (P)	1.60	Kg ha ⁻¹	L
6	Available Potassium (K)	156.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	8.20	ppm	L
8	Available Zinc (Zn)	1.59	ppm	S
9	Available Boron (B)	6.08	ppm	S
10	Available Iron (Fe)	22.90	ppm	S
11	Available Manganese (Mn)	30.95	ppm	S
12	Available Copper (Cu)	2.47	ppm	S

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)	6kg		Arjun	34 t/ha	Urea:109 kg	DAP: 65kg
2	Zinc (Zn)					SSP:188kg	Urea: 86kg
3	Boron (B)					MOP: 33kg	MOP:33kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Sunaram Kisku

Address

Village Kalapathar

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 914

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.80 ha

Geo Position (GPS)
Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.63		Mod.Acid
2	EC	0.056	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.60	%	M
4	Available Nitrogen (N)	172.0	Kg ha ⁻¹	M
5	Available Phosphorus (P)	17.1	Kg ha ⁻¹	M
6	Available Potassium (K)	212.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	15.98	ppm	M
8	Available Zinc (Zn)	1.97	ppm	S
9	Available Boron (B)	5.28	ppm	S
10	Available Iron (Fe)	31.90	ppm	S
11	Available Manganese (Mn)	37.10	ppm	S
12	Available Copper (Cu)	4.19	ppm	S



Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:914

Name of farmer : Sunaram Kisku

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: 217kg	DAP:87 kg
2	Zinc (Zn)					SSP:250kg	Urea: 187kg
3	Boron (B)					MOP: 67kg	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



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Ministry of Textiles-
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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Jagbandhu Singh

Address

Village Bisnupal

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 917

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 1.50ha

Geo Position (GPS) Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.47		St.Acid
2	EC	0.066	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.54	%	M
4	Available Nitrogen (N)	170.7	Kg ha ⁻¹	L
5	Available Phosphorus (P)	3.70	Kg ha ⁻¹	L
6	Available Potassium (K)	268.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	14.68	ppm	M
8	Available Zinc (Zn)	0.58	ppm	S
9	Available Boron (B)	1.96	ppm	S
10	Available Iron (Fe)	12.70	ppm	S
11	Available Manganese (Mn)	25.95	ppm	S
12	Available Copper (Cu)	5.28	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.:917

Name of farmer :Jagbandhu Singh

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)	22.5kg		Arjun	34 t/ha	Urea:408 kg	DAP:245 kg
2	Zinc (Zn)					SSP:703kg	Urea:323 kg
3	Boron (B)					MOP: 125kg	MOP: 125 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -18.75t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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Ministry of Textiles-
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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name	Chandra Hansdah
Address	
Village	Asanbani
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.96		Mod.Acid
2	EC	0.092	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.51	%	M
4	Available Nitrogen (N)	177.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	4.90	Kg ha ⁻¹	L
6	Available Potassium (K)	302.4	Kg ha ⁻¹	H
7	Available Sulphur (S)	12.40	ppm	M
8	Available Zinc (Zn)	1.59	ppm	S
9	Available Boron (B)	4.28	ppm	S
10	Available Iron (Fe)	19.85	ppm	S
11	Available Manganese (Mn)	27.45	ppm	S
12	Available Copper (Cu)	6.08	ppm	S

Soil Health Card



Soil Health Card No.:919
Name of farmer : Chandra Hansdah
Validity : From: Aug 2018
To: Aug 2021

Soil Sample Details

Soil Sample Number	919
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.90ha
Geo Position (GPS)	Latitude:21°93'N Longitude : 86°73'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)			Arjun	34 t/ha	Urea:245 kg	DAP: 147kg
2	Zinc (Zn)					SSP:422kg	Urea:194 kg
3	Boron (B)					MOP: 56kg	MOP: 56kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -11.25t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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Ministry of Textiles-
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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name	Sudam Tudu
Address	
Village	Mudrajodi
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.73		Mod.Acid
2	EC	0.128	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.72	%	M
4	Available Nitrogen (N)	149.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	6.90	Kg ha ⁻¹	L
6	Available Potassium (K)	302.4	Kg ha ⁻¹	H
7	Available Sulphur (S)	10.70	ppm	M
8	Available Zinc (Zn)	0.55	ppm	S
9	Available Boron (B)	4.86	ppm	S
10	Available Iron (Fe)	10.80	ppm	S
11	Available Manganese (Mn)	77.00	ppm	S
12	Available Copper (Cu)	0.68	ppm	S

Soil Health Card



Soil Health Card No.:923

Name of farmer : Sudam Tudu

Validity : From: Aug 2018
To: Aug 2021

Soil Sample Details

Soil Sample Number	923
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.90 ha
Geo Position (GPS)	Latitude:21°93'N Longitude :86°73'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)			Arjun	34 t/ha	Urea:245 kg	DAP:122kg
2	Zinc (Zn)					SSP:352kg	Urea: 202kg
3	Boron (B)					MOP: 56kg	MOP:56 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						

General Recommendations

1	Organic Manure	FYM -11.25t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:773

Name of farmer :Arjun Beshra

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name	Arjun Beshra
Address	
Village	Mudrajodi
Sub-District	shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.22		Mod.Acid
2	EC	0.036	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.69	%	M
4	Available Nitrogen (N)	126.8	Kg ha ⁻¹	L
5	Available Phosphorus (P)	3.70	Kg ha ⁻¹	L
6	Available Potassium (K)	212.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	3.93	ppm	L
8	Available Zinc (Zn)	0.97	ppm	S
9	Available Boron (B)	3.41	ppm	S
10	Available Iron (Fe)	15.95	ppm	S
11	Available Manganese (Mn)	48.35	ppm	S
12	Available Copper (Cu)	0.96	ppm	S

Soil Sample Details

Soil Sample Number	773
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.10 ha
Geo Position (GPS)	Latitude:21°93'N Longitude :86°73'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)	16.5kg		Arjun	34 t/ha	Urea:299 kg	DAP: 179kg
2	Zinc (Zn)					SSP:516kg	Urea:237 kg
3	Boron (B)					MOP:92 kg	MOP: 92kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -13.75t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name	Gopabandhu Beshra
Address	
Village	Mundrajodi
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	
Soil Sample Details	
Soil Sample Number	783
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.00 ha
Geo Position (GPS)	Latitude:21°93'N Longitude :86°73'E
Irrigated / Rainfed	Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.94		Mod.Acid
2	EC	0.069	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.42	%	L
4	Available Nitrogen (N)	197.1	Kg ha ⁻¹	L
5	Available Phosphorus (P)	4.90	Kg ha ⁻¹	L
6	Available Potassium (K)	168	Kg ha ⁻¹	M
7	Available Sulphur (S)	22.25	ppm	H
8	Available Zinc (Zn)	0.37	ppm	D
9	Available Boron (B)	1.53	ppm	S
10	Available Iron (Fe)	34.90	ppm	S
11	Available Manganese (Mn)	20.95	ppm	S
12	Available Copper (Cu)	1.58	ppm	S

Soil Health Card



Central Tasar Research and Training
Institute, Ranchi

Soil Health Card No.:783
Name of farmer : Gopabandhu Beshra
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)			Arjun	34 t/ha	Urea:272 kg	DAP:136 kg
2	Zinc (Zn)	Zinc Sulphate - 25kg				SSP:391kg	Urea: 224kg
3	Boron (B)					MOP:83 kg	MOP:83 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -12.5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi



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
Brajmohan Hembram

Address

Village
Mudrajodi

Sub-District
Shyamauhunta

District
Mayurbhanj

PIN
757049

Aadhaar Number
-

Mobile Number

Soil Sample Details

Soil Sample Number
792

Sample Collected on
24-08-2018

Survey No.
-

Khasra No. / Dag No
-

Farm Size
0.90 ha

Geo Position (GPS)
Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed
Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.37		Sl.Acid
2	EC	0.064	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.57	%	M
4	Available Nitrogen (N)	167.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	14.6	Kg ha ⁻¹	M
6	Available Potassium (K)	145.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	15.98	ppm	M
8	Available Zinc (Zn)	0.20	ppm	D
9	Available Boron (B)	2.81	ppm	S
10	Available Iron (Fe)	22.95	ppm	S
11	Available Manganese (Mn)	24.80	ppm	S
12	Available Copper (Cu)	2.41	ppm	S



Soil Health Card No.:792

Name of farmer : Brajmohan Hembram

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)			Arjun	34 t/ha	Urea: 245kg	DAP:98 kg
2	Zinc (Zn)	Zinc Sulphate -22.5kg				SSP:281kg	Urea:211 kg
3	Boron (B)					MOP:75 kg	MOP: 75 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -11.25t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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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 Dhanurjay Murmu

Address

Village Mudrajodi

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 793

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.60ha

Geo Position (GPS)
Latitude: 21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.41		Sl. Acid
2	EC	0.064	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.51	%	M
4	Available Nitrogen (N)	161.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	14.3	Kg ha ⁻¹	M
6	Available Potassium (K)	156.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	4.93	ppm	L
8	Available Zinc (Zn)	0.15	ppm	D
9	Available Boron (B)	3.63	ppm	S
10	Available Iron (Fe)	26.40	ppm	S
11	Available Manganese (Mn)	34.35	ppm	S
12	Available Copper (Cu)	0.96	ppm	S



Soil Health Card No.: 793

Name of farmer : Dhanurjay 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)			Arjun	34 t/ha	Urea:163 kg	DAP:65 kg
2	Zinc (Zn)	Zinc Sulphate - 15kg				SSP:188kg	Urea: 140kg
3	Boron (B)					MOP: 50kg	MOP: 50kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM-7.5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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 Bangalore-560068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name	Bhagvan Hembram
Address	
Village	Sarkota
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.66		Mod.Acid
2	EC	0.052	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.57	%	M
4	Available Nitrogen (N)	192.1	Kg ha ⁻¹	L
5	Available Phosphorus (P)	3.80	Kg ha ⁻¹	L
6	Available Potassium (K)	235.2	Kg ha ⁻¹	M
7	Available Sulphur (S)	9.03	ppm	L
8	Available Zinc (Zn)	1.69	ppm	S
9	Available Boron (B)	2.49	ppm	S
10	Available Iron (Fe)	7.60	ppm	S
11	Available Manganese (Mn)	26.40	ppm	S
12	Available Copper (Cu)	8.79	ppm	S

Soil Health Card



Soil Health Card No.:795
 Name of farmer : Bhagvan Hembram
 Validity : From: Aug 2018
 To: Aug 2021

Soil Sample Details

Soil Sample Number	795
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.50 ha
Geo Position (GPS)	Latitude:21°93'N Longitude : 86°73'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)	22.5kg		Arjun	34 t/ha	Urea:408 kg	DAP: 245kg
2	Zinc (Zn)					SSP:703kg	Urea:323 kg
3	Boron (B)					MOP:125kg	MOP:125kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -18.75t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
 2015



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SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:802

Name of farmer :Mochiram Hembram

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name Mochiram Hembram

Address

Village Akharsila

Sub-District shymakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 802

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 1.0 ha

Geo Position (GPS)
Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.92		Mod.Acid
2	EC	0.094	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.81	%	H
4	Available Nitrogen (N)	161.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	14.7	Kg ha ⁻¹	M
6	Available Potassium (K)	168	Kg ha ⁻¹	M
7	Available Sulphur (S)	0.95	ppm	L
8	Available Zinc (Zn)	3.61	ppm	S
9	Available Boron (B)	4.74	ppm	S
10	Available Iron (Fe)	31.90	ppm	S
11	Available Manganese (Mn)	31.40	ppm	S
12	Available Copper (Cu)	3.68	ppm	S

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)	15kg		Arjun	34 t/ha	Urea: 272kg	DAP:109 kg
2	Zinc (Zn)					SSP:313kg	Urea:284 kg
3	Boron (B)					MOP: 83 kg	MOP:83kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -12.5 t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Ghasiram Hansdah

Address

Village Akharsila

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 803

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 1.0 ha

Geo Position (GPS) Latitude:21°93'N
Longitude :86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.81		Mod.Acid
2	EC	0.075	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.17	%	H
4	Available Nitrogen (N)	155.7	Kg ha ⁻¹	L
5	Available Phosphorus (P)	15.3	Kg ha ⁻¹	M
6	Available Potassium (K)	201.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	3.63	ppm	L
8	Available Zinc (Zn)	0.20	ppm	D
9	Available Boron (B)	6.59	ppm	S
10	Available Iron (Fe)	20.95	ppm	S
11	Available Manganese (Mn)	20.95	ppm	S
12	Available Copper (Cu)	4.18	ppm	S



Soil Health Card No.:803

Name of farmer : Ghasiram Hansdah

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)	15kg		Arjun	34 t/ha	Urea:272 kg	DAP:109 kg
2	Zinc (Zn)	Zinc Sulphate - 25 kg				SSP:313kg	Urea:234 kg
3	Boron (B)					MOP: 83 kg	MOP: 83kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -12.5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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 Govt. Of India
 Bangalore-560068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name	Fagu Tudu
Address	
Village	Mudrajodi
Sub-District	Shyamakhanta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.12		Sl.Acid
2	EC	0.147	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.51	%	M
4	Available Nitrogen (N)	177.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	3.70	Kg ha ⁻¹	L
6	Available Potassium (K)	201.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	4.20	ppm	L
8	Available Zinc (Zn)	1.64	ppm	S
9	Available Boron (B)	5.19	ppm	S
10	Available Iron (Fe)	20.95	ppm	S
11	Available Manganese (Mn)	31.90	ppm	S
12	Available Copper (Cu)	6.38	ppm	S

Soil Health Card



Soil Health Card No.:808

Name of farmer : Fagu Tudu

Validity : From: Aug 2018
 To: Aug 2021

Soil Sample Details

Soil Sample Number	808
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.65 ha
Geo Position (GPS)	Latitude: 21°93'N Longitude :86°73'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)			Arjun	34 t/ha	Urea:177 kg	DAP: 106kg
2	Zinc (Zn)					SSP:305kg	Urea: 140kg
3	Boron (B)					MOP: 54kg	MOP: 54kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -8.125t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
 2015



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Director, CTR&TI, Ranchi



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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

**Central Tasar Research and Training
Institute, Ranchi**

Soil Health Card



Soil Health Card No.:809

Name of farmer : Haran Tudu

**Validity : From: Aug 2018
To: Aug 2021**

Farmer's Details	
Name	Haran Tudu
Address	
Village	Mudrajodi
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	
Soil Sample Details	
Soil Sample Number	809
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.40 ha
Geo Position (GPS)	Latitude:21°93'N Longitude : 86°73'E
Irrigated / Rainfed	Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.77		Mod.Acid
2	EC	0.164	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.63	%	M
4	Available Nitrogen (N)	203.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	19.0	Kg ha ⁻¹	L
6	Available Potassium (K)	156.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	17.33	ppm	L
8	Available Zinc (Zn)	1.50	ppm	S
9	Available Boron (B)	6.30	ppm	S
10	Available Iron (Fe)	31.90	ppm	S
11	Available Manganese (Mn)	48.35	ppm	S
12	Available Copper (Cu)	4.28	ppm	S

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)	6kg		Arjun	34 t/ha	Urea: 109kg	DAP: 33kg
2	Zinc (Zn)					SSP:94kg	Urea:97 kg
3	Boron (B)					MOP: 33kg	MOP: 33kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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Ministry of Textiles-
Govt. Of India
Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:810

Name of farmer : Kama Hansdah

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name Kama Hansdah

Address

Village Mudrajodi

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757032

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 810

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.75 ha

Geo Position (GPS)
Latitude:21°93'N
Longitude :86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.68		Mod.Acid
2	EC	0.138	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.78	%	M
4	Available Nitrogen (N)	172.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	17.5	Kg ha ⁻¹	L
6	Available Potassium (K)	179.2	Kg ha ⁻¹	M
7	Available Sulphur (S)	2.08	ppm	L
8	Available Zinc (Zn)	0.35	ppm	S
9	Available Boron (B)	1.68	ppm	S
10	Available Iron (Fe)	22.95	ppm	S
11	Available Manganese (Mn)	25.95	ppm	S
12	Available Copper (Cu)	1.69	ppm	S

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)			Arjun	34 t/ha	Urea:204 kg	DAP: 82kg
2	Zinc (Zn)	Zinc Sulphate-18.75kg				SSP:234kg	Urea:175 kg
3	Boron (B)					MOP: 63kg	MOP:63 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -9.375t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



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Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Sunaram Murmu

Address

Village Mudrajodi

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 811

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.80 ha

Geo Position (GPS) Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.49		Sl.Acid
2	EC	0.128	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.57	%	M
4	Available Nitrogen (N)	161.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.90	Kg ha ⁻¹	L
6	Available Potassium (K)	145.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	1.98	ppm	L
8	Available Zinc (Zn)	1.68	ppm	S
9	Available Boron (B)	6.39	ppm	S
10	Available Iron (Fe)	31.85	ppm	S
11	Available Manganese (Mn)	79.05	ppm	S
12	Available Copper (Cu)	5.29	ppm	S



Soil Health Card No.:811

Name of farmer : Sunaram 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)	12kg		Arjun	34 t/ha	Urea: 217kg	DAP: 109kg
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

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Ministry of Textiles-
Govt. Of India
Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:812

Name of farmer :Gour Hembram

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name Gour Hembram

Address

Village Mudrajodi

Sub-District Shyamakhunta

District Mayurbhanj

PIN 757049

Aadhaar Number -

Mobile Number

Soil Sample Details

Soil Sample Number 812

Sample Collected on 24-08-2018

Survey No. -

Khasra No. / Dag No -

Farm Size 0.60 ha

Geo Position (GPS)
Latitude:21°93'N
Longitude : 86°73'E

Irrigated / Rainfed

Rainfed

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.37		Mod.Acid
2	EC	0.150	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.30	%	L
4	Available Nitrogen (N)	168.2	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.60	Kg ha ⁻¹	L
6	Available Potassium (K)	156.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	3.95	ppm	L
8	Available Zinc (Zn)	1.28	ppm	S
9	Available Boron (B)	1.27	ppm	S
10	Available Iron (Fe)	12.05	ppm	S
11	Available Manganese (Mn)	44.70	ppm	S
12	Available Copper (Cu)	3.06	ppm	S

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)	9kg		Arjun	34 t/ha	Urea: 163kg	DAP: 82kg
2	Zinc (Zn)					SSP:234kg	Urea:135 kg
3	Boron (B)					MOP:50 kg	MOP: 50kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM -7.5t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi

**CENTRAL SILK BOARD**

Ministry of Textiles-
Govt. Of India
Bangalore-560068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.:827

Name of farmer : Champa Bewa

Validity : From: Aug 2018
To: Aug 2021

Farmer's Details

Name	Champa Bewa
Address	
Village	Mudrajodi
Sub-District	Shyamakhunta
District	Mayurbhanj
PIN	757049
Aadhaar Number	-
Mobile Number	

SOIL TEST RESULTS

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.92		Neutral
2	EC	0.157	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.51	%	M
4	Available Nitrogen (N)	161.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	7.90	Kg ha ⁻¹	L
6	Available Potassium (K)	257.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	6.43	ppm	L
8	Available Zinc (Zn)	0.37	ppm	D
9	Available Boron (B)	3.41	ppm	S
10	Available Iron (Fe)	26.45	ppm	S
11	Available Manganese (Mn)	42.70	ppm	S
12	Available Copper (Cu)	2.63	ppm	S

Soil Sample Details

Soil Sample Number	827
Sample Collected on	24-08-2018
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.60ha
Geo Position (GPS)	Latitude:21°93'N Longitude : 86°73'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)	9kg		Arjun	34 t/ha	Urea:163 kg	DAP: 82kg
2	Zinc (Zn)	Zinc Sulphate-15kg				SSP:234kg	Urea:135 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 -7.5t					
2	Biofertiliser						
3	Lime / Gypsum						

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