



CENTRAL SILK BOARD
 Ministry of Textiles-
 Govt. Of India
 Bangalore-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Brundaban Naik

Address Santarapur

Village Chhatia

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 322259500505

Mobile Number

Soil Sample Details

Soil Sample Number 616

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
 Latitude: 20° 45'N
 Longitude : 85° 9'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.49		Sl. Acid
2	EC	0.170	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.50	%	H
4	Available Nitrogen (N)	119.3	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.1	Kg ha ⁻¹	L
6	Available Potassium (K)	537.6	Kg ha ⁻¹	H
7	Available Sulphur (S)	12.65	ppm	M
8	Available Zinc (Zn)	3.61	ppm	S
9	Available Boron (B)	5.48	ppm	S
10	Available Iron (Fe)	78.00	ppm	S
11	Available Manganese (Mn)	69.10	ppm	S
12	Available Copper (Cu)	5.40	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 616

Name of farmer : Brundaban Naik

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 273 kg
3	Boron (B)					MOP: 42 kg	MOP: 42kg
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



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi



CENTRAL SILK BOARD
 Ministry of Textiles-
 Govt. Of India
 Bangalore-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name: Kulamani Singh

Address: Santarapur

Village: Chhatia

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 390841025542

Mobile Number:

Soil Sample Details

Soil Sample Number: 617

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 0.70 ha

Geo Position (GPS):
 Latitude: 20° 45'N
 Longitude: 85° 9'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.24		Sl. Acid
2	EC	0.140	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.65	%	H
4	Available Nitrogen (N)	174.5	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.6	Kg ha ⁻¹	L
6	Available Potassium (K)	506.2	Kg ha ⁻¹	H
7	Available Sulphur (S)	11.95	ppm	M
8	Available Zinc (Zn)	2.16	ppm	S
9	Available Boron (B)	4.63	ppm	S
10	Available Iron (Fe)	81.90	ppm	S
11	Available Manganese (Mn)	97.35	ppm	S
12	Available Copper (Cu)	2.93	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 617

Name of farmer : Kulamani Singh

Validity : From: 7-7-2017 to 6-7-20

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: 190 kg	DAP: 95 kg
2	Zinc (Zn)					SSP: 273 kg	Urea: 153 kg
3	Boron (B)					MOP: 29 kg	MOP: 29 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 8.75 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

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

Soil Health Card



Soil Health Card No.: 618

Name of farmer : Bipin Bihari Ray

Validity : From: 7-7-2017 to 6-7-20

Name Bipin Bihari Ray

Address Santarapur

Village Chhatia

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 500262505480

Mobile Number 8018269821

Soil Sample Details

Soil Sample Number 618

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.25 ha

Geo Position (GPS)
 Latitude: 20° 45'N
 Longitude : 85° 9'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.18		Sl. Acid
2	EC	0.120	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.59	%	H
4	Available Nitrogen (N)	168.2	Kg ha ⁻¹	L
5	Available Phosphorus (P)	17.3	Kg ha ⁻¹	M
6	Available Potassium (K)	412.2	Kg ha ⁻¹	H
7	Available Sulphur (S)	14.98	ppm	M
8	Available Zinc (Zn)	2.43	ppm	S
9	Available Boron (B)	4.72	ppm	S
10	Available Iron (Fe)	103.20	ppm	S
11	Available Manganese (Mn)	229.06	ppm	S
12	Available Copper (Cu)	4.25	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: 340 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 237 kg
3	Boron (B)					MOP: 52 kg	MOP: 52kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 15.60 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Gouranga Naik

Address Santarapur

Village Chhatia

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 983882232676

Mobile Number

Soil Sample Details

Soil Sample Number 619

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
 Latitude: 20° 45'N
 Longitude : 85° 9'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	6.02		Mod. Acid
2	EC	0.170	dS m ⁻¹	Normal
3	Organic Carbon (OC)	2.01	%	H
4	Available Nitrogen (N)	135.6	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.60	Kg ha ⁻¹	L
6	Available Potassium (K)	401.0	Kg ha ⁻¹	H
7	Available Sulphur (S)	19.75	ppm	M
8	Available Zinc (Zn)	2.88	ppm	S
9	Available Boron (B)	4.87	ppm	S
10	Available Iron (Fe)	100.90	ppm	S
11	Available Manganese (Mn)	152.19	ppm	S
12	Available Copper (Cu)	5.19	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 619

Name of farmer : Gouranga Nayak

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 273 kg
3	Boron (B)					MOP: 42 kg	MOP: 42kg
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



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi



CENTRAL SILK BOARD

Ministry of Textiles-
Govt. Of India
Bangalore-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Kausalya Singh

Address Santarapur

Village Chhatia

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 763769255445

Mobile Number 9938671625

Soil Sample Details

Soil Sample Number 620

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
Latitude: 20° 45'N
Longitude : 85° 9'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	6.04		Mod. Acid
2	EC	0.110	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.50	%	H
4	Available Nitrogen (N)	180.8	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.40	Kg ha ⁻¹	L
6	Available Potassium (K)	53.8	Kg ha ⁻¹	L
7	Available Sulphur (S)	25.75	ppm	H
8	Available Zinc (Zn)	1.55	ppm	S
9	Available Boron (B)	4.94	ppm	S
10	Available Iron (Fe)	78.40	ppm	S
11	Available Manganese (Mn)	74.80	ppm	S
12	Available Copper (Cu)	3.28	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 620

Name of farmer : Kausalya Singh

Validity : From: 7-7-2017 to 6-7-20

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)					SSP: 391 kg	Urea: 219 kg
3	Boron (B)					MOP: 125 kg	MOP: 125 kg
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



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi



CENTRAL SILK BOARD

Ministry of Textiles-
Govt. Of India
Bangalore-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name: Baya Munda

Address: Santarapur

Village: Chhatia

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number

Mobile Number

Soil Sample Details

Soil Sample Number: 621

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 1.00 ha

Geo Position (GPS):
Latitude: 20° 45'N
Longitude: 85° 9'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	6.03		Mod. Acid
2	EC	0.080	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.65	%	H
4	Available Nitrogen (N)	141.8	Kg ha ⁻¹	L
5	Available Phosphorus (P)	17.6	Kg ha ⁻¹	M
6	Available Potassium (K)	315.8	Kg ha ⁻¹	H
7	Available Sulphur (S)	24.05	ppm	M
8	Available Zinc (Zn)	0.71	ppm	S
9	Available Boron (B)	4.89	ppm	S
10	Available Iron (Fe)	88.45	ppm	S
11	Available Manganese (Mn)	166.25	ppm	S
12	Available Copper (Cu)	0.73	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 616

Name of farmer : Baya Munda

Validity : From: 7-7-2017 to 6-7-20

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: 109 kg
2	Zinc (Zn)					SSP: 313 kg	Urea: 229 kg
3	Boron (B)					MOP: 63 kg	MOP: 63 kg
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



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi



CENTRAL SILK BOARD
 Ministry of Textiles-
 Govt. Of India
 Bangalore-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Anandi Charana Singh

Address Santarapur

Village Chhatia

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 785546328057

Mobile Number 9439111849

Soil Sample Details

Soil Sample Number 622

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.20 ha

Geo Position (GPS)
 Latitude: 20° 45'N
 Longitude : 85° 9'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.66		Mod. Acid
2	EC	0.090	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.41	%	H
4	Available Nitrogen (N)	151.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	14.3	Kg ha ⁻¹	M
6	Available Potassium (K)	517.4	Kg ha ⁻¹	H
7	Available Sulphur (S)	15.15	ppm	M
8	Available Zinc (Zn)	1.71	ppm	S
9	Available Boron (B)	5.34	ppm	S
10	Available Iron (Fe)	28.55	ppm	S
11	Available Manganese (Mn)	134.38	ppm	S
12	Available Copper (Cu)	2.29	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 622

Name of farmer : Anandi Charana Singh

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 130 kg
2	Zinc (Zn)					SSP: 375 kg	Urea: 275 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 15.0 t					
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-560 068

SOIL HEALTH CARD

Name of Laboratory

Central Tasar Research and Training Institute, Ranchi

Farmer's Details

Name: Rakshayakara Naik

Address: Manoharpur

Village: Sitabinji

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 596080863143

Mobile Number: 7077182556

Soil Sample Details

Soil Sample Number: 623

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 0.90 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.87		Mod. Acid
2	EC	0.150	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.29	%	H
4	Available Nitrogen (N)	125.5	Kg ha ⁻¹	L
5	Available Phosphorus (P)	7.10	Kg ha ⁻¹	L
6	Available Potassium (K)	284.5	Kg ha ⁻¹	H
7	Available Sulphur (S)	11.10	ppm	M
8	Available Zinc (Zn)	3.09	ppm	S
9	Available Boron (B)	5.28	ppm	S
10	Available Iron (Fe)	31.80	ppm	S
11	Available Manganese (Mn)	19.05	ppm	S
12	Available Copper (Cu)	5.45	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.: 623

Name of farmer : Rakshayakara Naik

Validity : From: 7-7-2017 to 6-7-20

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: 293 kg	DAP: 122 kg
2	Zinc (Zn)					SSP: 352 kg	Urea: 246 kg
3	Boron (B)					MOP: 56 kg	MOP: 56 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 11.25 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Keshaba Mahanta

Address Manoharpur

Village Sitabinji

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 657538192118

Mobile Number 8763525420

Soil Sample Details

Soil Sample Number 624

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
 Latitude: 21° 30'N
 Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.66		Mod. Acid
2	EC	0.120	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.23	%	H
4	Available Nitrogen (N)	100.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	6.7	Kg ha ⁻¹	L
6	Available Potassium (K)	315.8	Kg ha ⁻¹	H
7	Available Sulphur (S)	13.98	ppm	M
8	Available Zinc (Zn)	1.33	ppm	S
9	Available Boron (B)	5.61	ppm	S
10	Available Iron (Fe)	44.25	ppm	S
11	Available Manganese (Mn)	59.35	ppm	S
12	Available Copper (Cu)	2.05	ppm	S

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

Soil Health Card



Soil Health Card No.: 624

Name of farmer : Keshaba Mahanta

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 273 kg
3	Boron (B)					MOP: 63 kg	MOP: 56 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name: Sridhara Naik

Address: Manoharpur

Village: Sitabinji

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 317897637847

Mobile Number: 8658044383

Soil Sample Details

Soil Sample Number: 625

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 1.20 ha

Geo Position (GPS):
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.96		Mod. Acid
2	EC	0.10	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.62	%	H
4	Available Nitrogen (N)	169.5	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.8	Kg ha ⁻¹	L
6	Available Potassium (K)	339.4	Kg ha ⁻¹	H
7	Available Sulphur (S)	16.73	ppm	M
8	Available Zinc (Zn)	1.14	ppm	S
9	Available Boron (B)	5.59	ppm	S
10	Available Iron (Fe)	66.15	ppm	S
11	Available Manganese (Mn)	212.81	ppm	S
12	Available Copper (Cu)	1.24	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 625

Name of farmer : Sridhara Naik

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 163 kg
2	Zinc (Zn)					SSP: 469 kg	Urea: 262 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 15.0 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Batakrushna Naik

Address Manoharpur

Village Sitabinji

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 949294645048

Mobile Number 9178433147

Soil Sample Details

Soil Sample Number 626

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
 Latitude: 21° 30'N
 Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.91		Mod. Acid
2	EC	0.100	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.66	%	M
4	Available Nitrogen (N)	233.5	Kg ha ⁻¹	L
5	Available Phosphorus (P)	18.30	Kg ha ⁻¹	M
6	Available Potassium (K)	338.2	Kg ha ⁻¹	H
7	Available Sulphur (S)	21.88	ppm	H
8	Available Zinc (Zn)	2.72	ppm	S
9	Available Boron (B)	5.17	ppm	S
10	Available Iron (Fe)	55.15	ppm	S
11	Available Manganese (Mn)	49.30	ppm	S
12	Available Copper (Cu)	2.99	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 626

Name of farmer : Batakrushna Naik

Validity : From: 7-7-2017 to 6-7-20

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: 82 kg
2	Zinc (Zn)					SSP: 234 kg	Urea: 240 kg
3	Boron (B)					MOP: 63 kg	MOP: 63 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

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

Soil Health Card



Soil Health Card No.: 627
Name of farmer : Kusha Naik
Validity : From: 7-7-2017 to 6-7-20

Name	Kusha Naik
Address	Manoharpur
Village	Sitabinji
Sub-District	Ghatgaon
District	Kendujhar
PIN	758029
Aadhaar Number	369440404980
Mobile Number	
Soil Sample Details	
Soil Sample Number	627
Sample Collected on	07-07-2017
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.80 ha
Geo Position (GPS)	Latitude: 21° 30'N Longitude : 85° 46'E
Irrigated / Rainfed	Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.57		Mod. Acid
2	EC	0.230	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.05	%	H
4	Available Nitrogen (N)	233.5	Kg ha ⁻¹	L
5	Available Phosphorus (P)	7.40	Kg ha ⁻¹	L
6	Available Potassium (K)	179.2	Kg ha ⁻¹	M
7	Available Sulphur (S)	35.55	ppm	M
8	Available Zinc (Zn)	1.42	ppm	S
9	Available Boron (B)	5.36	ppm	S
10	Available Iron (Fe)	50.40	ppm	S
11	Available Manganese (Mn)	122.19	ppm	S
12	Available Copper (Cu)	2.08	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: 217 kg	DAP: 109 kg
2	Zinc (Zn)					SSP: 313 kg	Urea: 175 kg
3	Boron (B)					MOP: 67 kg	MOP: 67 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 10.00 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

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

Soil Health Card



Soil Health Card No.: 628

Name of farmer : Daitary Naik

Validity : From: 7-7-2017 to 6-7-20

Name	Daitary Naik
Address	Manoharpur
Village	Sitabinji
Sub-District	Ghatgaon
District	Kendujhar
PIN	758029
Aadhaar Number	503445242465
Mobile Number	8658050747
Soil Sample Details	
Soil Sample Number	628
Sample Collected on	07-07-2017
Survey No.	-
Khasra No. / Dag No	-
Farm Size	0.90 ha
Geo Position (GPS)	Latitude: 21° 30'N Longitude : 85° 46'E
Irrigated / Rainfed	Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.97		Mod. Acid
2	EC	0.09	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.17	%	H
4	Available Nitrogen (N)	192.1	Kg ha ⁻¹	L
5	Available Phosphorus (P)	24.7	Kg ha ⁻¹	M
6	Available Potassium (K)	201.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	15.08	ppm	M
8	Available Zinc (Zn)	1.77	ppm	S
9	Available Boron (B)	5.47	ppm	S
10	Available Iron (Fe)	81.35	ppm	S
11	Available Manganese (Mn)	131.25	ppm	S
12	Available Copper (Cu)	3.99	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: 245 kg	DAP: 73 kg
2	Zinc (Zn)					SSP: 2111 kg	Urea: 216 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 11.25 t					
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-560 068

SOIL HEALTH CARD

Name of Laboratory

Central Tasar Research and Training Institute, Ranchi

Farmer's Details

Name: Balaram Naik

Address: Manoharpur

Village: Sitabinji

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number

Mobile Number

Soil Sample Details

Soil Sample Number: 629

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No.: -

Farm Size: 0.75 ha

Geo Position (GPS):
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

S. No.

Parameter

Test Value

Unit

Range

1

pH

2

EC

3

Organic Carbon (OC)

4

Available Nitrogen (N)

5

Available Phosphorus (P)

6

Available Potassium (K)

7

Available Sulphur (S)

8

Available Zinc (Zn)

9

Available Boron (B)

10

Available Iron (Fe)

11

Available Manganese (Mn)

12

Available Copper (Cu)

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: 82 kg
2	Zinc (Zn)					SSP: 234 kg	Urea: 172 kg
3	Boron (B)					MOP: 63 kg	MOP: 68 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 9.37 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name: Rabindra Mahanta

Address: Manoharpur

Village: Sitabinji

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 454086125215

Mobile Number: 8280289425

Soil Sample Details

Soil Sample Number: 630

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 1.20 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.90		Mod. Acid
2	EC	0.10	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.30	%	L
4	Available Nitrogen (N)	202.1	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.9	Kg ha ⁻¹	L
6	Available Potassium (K)	306.9	Kg ha ⁻¹	H
7	Available Sulphur (S)	17.25	ppm	M
8	Available Zinc (Zn)	2.07	ppm	S
9	Available Boron (B)	5.21	ppm	S
10	Available Iron (Fe)	40.00	ppm	S
11	Available Manganese (Mn)	224.69	ppm	S
12	Available Copper (Cu)	1.45	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 630

Name of farmer : Rabindra Mahanta

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 163 kg
2	Zinc (Zn)					SSP: 469 kg	Urea: 262 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 15.00 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

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

Soil Health Card



Soil Health Card No.: 631

Name of farmer : Rohini Mahanta

Validity : From: 7-7-2017 to 6-7-20

Name	Rohini Mahanta
Address	Manoharpur
Village	Sitabinji
Sub-District	Ghatgaon
District	Kendujhar
PIN	758029
Aadhaar Number	268763426628
Mobile Number	8763151030
Soil Sample Details	
Soil Sample Number	631
Sample Collected on	07-07-2017
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.00 ha
Geo Position (GPS)	Latitude: 21° 30'N Longitude : 85° 46'E
Irrigated / Rainfed	Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	6.03		Mod. Acid
2	EC	0.03	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.48	%	L
4	Available Nitrogen (N)	149.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	6.30	Kg ha ⁻¹	L
6	Available Potassium (K)	212.8	Kg ha ⁻¹	M
7	Available Sulphur (S)	17.33	ppm	M
8	Available Zinc (Zn)	1.09	ppm	S
9	Available Boron (B)	5.98	ppm	S
10	Available Iron (Fe)	76.85	ppm	S
11	Available Manganese (Mn)	91.30	ppm	S
12	Available Copper (Cu)	2.05	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: 272 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 219 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name: Fakira Naik

Address: Manoharpur

Village: Sitabinji

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 493990100731

Mobile Number: 7077584476

Soil Sample Details

Soil Sample Number: 632

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 1.00 ha

Geo Position (GPS):
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.94		Mod. Acid
2	EC	0.21	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.38	%	H
4	Available Nitrogen (N)	143.1	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.1	Kg ha ⁻¹	L
6	Available Potassium (K)	295.7	Kg ha ⁻¹	H
7	Available Sulphur (S)	10.73	ppm	M
8	Available Zinc (Zn)	2.69	ppm	S
9	Available Boron (B)	5.81	ppm	S
10	Available Iron (Fe)	63.95	ppm	S
11	Available Manganese (Mn)	97.40	ppm	S
12	Available Copper (Cu)	3.88	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 632

Name of farmer : Fakira Naik

Validity : From: 7-7-2017 to 6-7-20

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)					SSP: 391 kg	Urea: 219 kg
3	Boron (B)					MOP: 83 kg	MOP: 63 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Basanti Dehury

Address Manoharpur

Village Sitabinji

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 350130133887

Mobile Number 7749815517

Soil Sample Details

Soil Sample Number 633

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.21		Mod. Acid
2	EC	0.05	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.24	%	L
4	Available Nitrogen (N)	100.7	Kg ha ⁻¹	L
5	Available Phosphorus (P)	3.4	Kg ha ⁻¹	L
6	Available Potassium (K)	389.8	Kg ha ⁻¹	H
7	Available Sulphur (S)	9.93	ppm	L
8	Available Zinc (Zn)	1.53	ppm	S
9	Available Boron (B)	5.78	ppm	S
10	Available Iron (Fe)	111.85	ppm	S
11	Available Manganese (Mn)	54.10	ppm	S
12	Available Copper (Cu)	2.58	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.: 633

Name of farmer : Basanti Dehury

Validity : From: 7-7-2017 to 6-7-20

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)	15 kg		Arjun	34 t/ha	Urea: 272 kg	DAP: 163 kg
2	Zinc (Zn)					SSP: 469 kg	Urea: 208 kg
3	Boron (B)					MOP: 63 kg	MOP: 63 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Madhab Naik

Address Manoharpur

Village Sitabinji

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 783602841195

Mobile Number 7077202305

Soil Sample Details

Soil Sample Number 634

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 0.80 ha

Geo Position (GPS)
 Latitude: 21° 30'N
 Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.07		St. Acid
2	EC	0.082	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.27	%	L
4	Available Nitrogen (N)	177.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	12.8	Kg ha ⁻¹	M
6	Available Potassium (K)	557.8	Kg ha ⁻¹	H
7	Available Sulphur (S)	17.75	ppm	M
8	Available Zinc (Zn)	0.65	ppm	S
9	Available Boron (B)	5.9	ppm	S
10	Available Iron (Fe)	47.85	ppm	S
11	Available Manganese (Mn)	235.94	ppm	S
12	Available Copper (Cu)	1.21	ppm	S

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

Soil Health Card



Soil Health Card No.: 634

Name of farmer : Madhab Naik

Validity : From: 7-7-2017 to 6-7-20

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: 83 kg
2	Zinc (Zn)					SSP: 234 kg	Urea: 172 kg
3	Boron (B)					MOP: 31 kg	MOP: 31 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 9.37 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name	Laxmi Naik
Address	Manoharpur
Village	Sitabinji
Sub-District	Ghatgaon
District	Kendujhar
PIN	758029

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

Soil Health Card



Aadhaar Number	234527219190
Mobile Number	9178539567
Soil Sample Details	
Soil Sample Number	635
Sample Collected on	07-07-2017
Survey No.	-
Khasra No. / Dag No	-
Farm Size	1.00 ha
Geo Position (GPS)	Latitude: 21° 30'N Longitude : 85° 46'E
Irrigated / Rainfed	Rainfed

Soil Health Card No.: 635
Name of farmer : Laxmi Naik
Validity : From: 7-7-2017 to 6-7-20

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.40		St. Acid
2	EC	0.045	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.81	%	H
4	Available Nitrogen (N)	130.6	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.50	Kg ha ⁻¹	L
6	Available Potassium (K)	273.3	Kg ha ⁻¹	M
7	Available Sulphur (S)	10.05	ppm	M
8	Available Zinc (Zn)	2.53	ppm	S
9	Available Boron (B)	5.85	ppm	S
10	Available Iron (Fe)	28.50	ppm	S
11	Available Manganese (Mn)	89.20	ppm	S
12	Available Copper (Cu)	1.23	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: 326 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 273 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

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

Soil Health Card



Soil Health Card No.: 636

Name of farmer : Hema Mahanta

Validity : From: 7-7-2017 to 6-7-20

Name Hema Mahanta

Address Manoharpur

Village Sitabinji

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 325642964513

Mobile Number

Soil Sample Details

Soil Sample Number 636

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 0.75 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.24		St. Acid
2	EC	0.06	dS m ⁻¹	Normal
3	Organic Carbon (OC)	1.08	%	H
4	Available Nitrogen (N)	161.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	7.3	Kg ha ⁻¹	L
6	Available Potassium (K)	531.6	Kg ha ⁻¹	H
7	Available Sulphur (S)	11.63	ppm	M
8	Available Zinc (Zn)	1.34	ppm	S
9	Available Boron (B)	7.64	ppm	S
10	Available Iron (Fe)	54.45	ppm	S
11	Available Manganese (Mn)	105.7	ppm	S
12	Available Copper (Cu)	1.25	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: 102 kg
2	Zinc (Zn)					SSP: 293 kg	Urea: 164 kg
3	Boron (B)					MOP: 31 kg	MOP: 31 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 9.37 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name: Bhakta Mahanta

Address: Manoharpur

Village: Sitabinji

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 544630320963

Mobile Number: 76059318993

Soil Sample Details

Soil Sample Number: 637

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 1.00 ha

Geo Position (GPS):
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.23		St. Acid
2	EC	0.081	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.36	%	L
4	Available Nitrogen (N)	153.1	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.70	Kg ha ⁻¹	L
6	Available Potassium (K)	190.4	Kg ha ⁻¹	M
7	Available Sulphur (S)	16.68	ppm	M
8	Available Zinc (Zn)	1.47	ppm	S
9	Available Boron (B)	6.54	ppm	S
10	Available Iron (Fe)	61.55	ppm	S
11	Available Manganese (Mn)	184.69	ppm	S
12	Available Copper (Cu)	1.83	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 637

Name of farmer : Bhakta Mahanta

Validity : From: 7-7-2017 to 6-7-20

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)					SSP: 391 kg	Urea: 219 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Krushna Chandra Mahanta

Address Manoharpur

Village Sitabinji

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 795074003474

Mobile Number 9777719640

Soil Sample Details

Soil Sample Number 638

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.21		St. Acid
2	EC	0.068	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.51	%	M
4	Available Nitrogen (N)	163.2	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.6	Kg ha ⁻¹	L
6	Available Potassium (K)	136.6	Kg ha ⁻¹	M
7	Available Sulphur (S)	19.65	ppm	M
8	Available Zinc (Zn)	1.63	ppm	S
9	Available Boron (B)	8.67	ppm	S
10	Available Iron (Fe)	84.50	ppm	S
11	Available Manganese (Mn)	83.95	ppm	S
12	Available Copper (Cu)	1.58	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 638

Name of farmer : Krushna Chandra Mahanta

Validity : From: 7-7-2017 to 6-7-20

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)					SSP: 391 kg	Urea: 219 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Madhusudan Mahanta

Address Manoharpur

Village Danguaposi

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 999223158369

Mobile Number

Soil Sample Details

Soil Sample Number 639

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
 Latitude: 21° 30'N
 Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.35		St. Acid
2	EC	0.077	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.27	%	L
4	Available Nitrogen (N)	141.8	Kg ha ⁻¹	L
5	Available Phosphorus (P)	14.7	Kg ha ⁻¹	M
6	Available Potassium (K)	273.3	Kg ha ⁻¹	M
7	Available Sulphur (S)	27.45	ppm	H
8	Available Zinc (Zn)	2.05	ppm	S
9	Available Boron (B)	8.47	ppm	S
10	Available Iron (Fe)	35.80	ppm	S
11	Available Manganese (Mn)	177.81	ppm	S
12	Available Copper (Cu)	2.91	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 639

Name of farmer : Madhusudan Mahanta

Validity : From: 7-7-2017 to 6-7-20

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: 109 kg
2	Zinc (Zn)					SSP: 313 kg	Urea: 229 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name: Gurudeb Naik

Address: Manoharpur

Village: Danguaposi

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 29381957797

Mobile Number: 7894375852

Soil Sample Details

Soil Sample Number: 640

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 0.80 ha

Geo Position (GPS)
 Latitude: 21° 30'N
 Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

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

Soil Health Card



Soil Health Card No.: 640

Name of farmer : Gurudeb Naik

Validity : From: 7-7-2017 to 6-7-20

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.30		St. Acid
2	EC	0.053	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.45	%	L
4	Available Nitrogen (N)	151.9	Kg ha ⁻¹	L
5	Available Phosphorus (P)	13.8	Kg ha ⁻¹	M
6	Available Potassium (K)	315.8	Kg ha ⁻¹	H
7	Available Sulphur (S)	14.08	ppm	M
8	Available Zinc (Zn)	1.48	ppm	S
9	Available Boron (B)	10.82	ppm	S
10	Available Iron (Fe)	61.60	ppm	S
11	Available Manganese (Mn)	203.13	ppm	S
12	Available Copper (Cu)	2.50	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: 217 kg	DAP: 87 kg
2	Zinc (Zn)					SSP: 250 kg	Urea: 183 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 10.00 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name: Bhagabata Naik

Address: Manoharpur

Village: Danguaposi

Sub-District: Ghatgaon

District: Kendujhar

PIN: 758029

Aadhaar Number: 231903883852

Mobile Number: 9556434137

Soil Sample Details

Soil Sample Number: 641

Sample Collected on: 07-07-2017

Survey No.: -

Khasra No. / Dag No: -

Farm Size: 1.00 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude: 85° 46'E

Irrigated / Rainfed: Rainfed

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 641

Name of farmer : Bhagabata Naik

Validity : From: 7-7-2017 to 6-7-20

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.24		St. Acid
2	EC	0.052	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.57	%	M
4	Available Nitrogen (N)	115.3	Kg ha ⁻¹	L
5	Available Phosphorus (P)	14.3	Kg ha ⁻¹	M
6	Available Potassium (K)	183.7	Kg ha ⁻¹	M
7	Available Sulphur (S)	15.15	ppm	M
8	Available Zinc (Zn)	1.19	ppm	S
9	Available Boron (B)	9.35	ppm	S
10	Available Iron (Fe)	27.35	ppm	S
11	Available Manganese (Mn)	205.0	ppm	S
12	Available Copper (Cu)	1.64	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: 326 kg	DAP: 109 kg
2	Zinc (Zn)					SSP: 313 kg	Urea: 284 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Chandra Munda

Address Manoharpur

Village Danguaposi

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 880915864302

Mobile Number 9937693106

Soil Sample Details

Soil Sample Number 642

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.50 ha

Geo Position (GPS)
Latitude: 21° 30'N
Longitude : 85° 46'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.42		St. Acid
2	EC	0.054	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.39	%	L
4	Available Nitrogen (N)	101.7	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.3	Kg ha ⁻¹	L
6	Available Potassium (K)	306.9	Kg ha ⁻¹	H
7	Available Sulphur (S)	11.10	ppm	M
8	Available Zinc (Zn)	1.37	ppm	S
9	Available Boron (B)	10.59	ppm	S
10	Available Iron (Fe)	18.55	ppm	S
11	Available Manganese (Mn)	95.45	ppm	S
12	Available Copper (Cu)	1.28	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 642

Name of farmer : Chandra Munda

Validity : From: 7-7-2017 to 6-7-20

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: 489 kg	DAP: 204 kg
2	Zinc (Zn)					SSP: 586 kg	Urea: 409 kg
3	Boron (B)					MOP: 94 kg	MOP: 94 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 18.75 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Basudev Naik

Address Manoharpur

Village Manoharpur

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 496790374270

Mobile Number 8018321400

Soil Sample Details

Soil Sample Number 643

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
Latitude: 20° 15'N
Longitude : 85° 50'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.58		St. Acid
2	EC	0.056	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.24	%	M
4	Available Nitrogen (N)	121.8	Kg ha ⁻¹	L
5	Available Phosphorus (P)	12.7	Kg ha ⁻¹	M
6	Available Potassium (K)	190.4	Kg ha ⁻¹	M
7	Available Sulphur (S)	14.93	ppm	M
8	Available Zinc (Zn)	2.58	ppm	S
9	Available Boron (B)	14.41	ppm	S
10	Available Iron (Fe)	44.45	ppm	S
11	Available Manganese (Mn)	71.20	ppm	S
12	Available Copper (Cu)	2.70	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 643

Name of farmer : Basudev Naik

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 109 kg
2	Zinc (Zn)					SSP: 313 kg	Urea: 284 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 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Muralidhar Naik

Address Manoharpur

Village Manoharpur

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 961327745842

Mobile Number 8456944680

Soil Sample Details

Soil Sample Number 644

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 0.90 ha

Geo Position (GPS)
 Latitude: 20° 15'N
 Longitude : 85° 50'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.47		St. Acid
2	EC	0.055	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.96	%	H
4	Available Nitrogen (N)	149.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.6	Kg ha ⁻¹	L
6	Available Potassium (K)	349.4	Kg ha ⁻¹	H
7	Available Sulphur (S)	18.65	ppm	M
8	Available Zinc (Zn)	3.15	ppm	S
9	Available Boron (B)	15.1	ppm	S
10	Available Iron (Fe)	30.90	ppm	S
11	Available Manganese (Mn)	98.40	ppm	S
12	Available Copper (Cu)	1.95	ppm	S

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

Soil Health Card



Soil Health Card No.: 644

Name of farmer : Muralidhar Naik

Validity : From: 7-7-2017 to 6-7-20

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: 122 kg
2	Zinc (Zn)					SSP: 352 kg	Urea: 197 kg
3	Boron (B)					MOP: 56 kg	MOP: 56 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 11.25 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Draupadi Nayak

Address Manoharpur

Village Manoharpur

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 397930701241

Mobile Number 9938962161

Soil Sample Details

Soil Sample Number 645

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
Latitude: 20° 15'N
Longitude : 85° 50'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	5.52		St. Acid
2	EC	0.055	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.84	%	H
4	Available Nitrogen (N)	113.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	8.4	Kg ha ⁻¹	L
6	Available Potassium (K)	380.8	Kg ha ⁻¹	H
7	Available Sulphur (S)	12.38	ppm	M
8	Available Zinc (Zn)	2.93	ppm	S
9	Available Boron (B)	14.49	ppm	S
10	Available Iron (Fe)	64.10	ppm	S
11	Available Manganese (Mn)	160.31	ppm	S
12	Available Copper (Cu)	1.84	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card



Soil Health Card No.: 645

Name of farmer : Draupadi Naik

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 273 kg
3	Boron (B)					MOP: 63 kg	MOP: 63 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
 Laboratory

Central Tasar Research and Training
 Institute, Ranchi

Farmer's Details

Name Hemanta Nayak

Address Manoharpur

Village Manoharpur

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 794963725053

Mobile Number 7077424071

Soil Sample Details

Soil Sample Number 646

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 1.00 ha

Geo Position (GPS)
 Latitude: 20° 15'N
 Longitude : 85° 50'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Range
1	pH	6.20		St. Acid
2	EC	0.62	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.42	%	L
4	Available Nitrogen (N)	105.4	Kg ha ⁻¹	L
5	Available Phosphorus (P)	9.1	Kg ha ⁻¹	L
6	Available Potassium (K)	495.0	Kg ha ⁻¹	H
7	Available Sulphur (S)	18.33	ppm	M
8	Available Zinc (Zn)	1.61	ppm	S
9	Available Boron (B)	9.67	ppm	S
10	Available Iron (Fe)	41.85	ppm	S
11	Available Manganese (Mn)	101.15	ppm	S
12	Available Copper (Cu)	2.93	ppm	S

Central Tasar Research and Training
 Institute, Ranchi

Soil Health Card



Soil Health Card No.: 646

Name of farmer : Hemanta Nayak

Validity : From: 7-7-2017 to 6-7-20

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: 326 kg	DAP: 136 kg
2	Zinc (Zn)					SSP: 391 kg	Urea: 273 kg
3	Boron (B)					MOP: 43 kg	MOP: 43 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 12.50 t					
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-560 068

SOIL HEALTH CARD

Name of
Laboratory

Central Tasar Research and Training
Institute, Ranchi

Farmer's Details

Name Arjuna Nayak

Address Manoharpur

Village Manoharpur

Sub-District Ghatgaon

District Kendujhar

PIN 758029

Aadhaar Number 834829478567

Mobile Number 8456924464

Soil Sample Details

Soil Sample Number 647

Sample Collected on 07-07-2017

Survey No. -

Khasra No. / Dag No -

Farm Size 0.75 ha

Geo Position (GPS)
Latitude: 20° 15'N
Longitude : 85° 50'E

Irrigated / Rainfed Rainfed

S. No.	Parameter	Test Value	Unit	Rating
1	pH	5.73		Mod. Acid
2	EC	0.573	dS m ⁻¹	Normal
3	Organic Carbon (OC)	0.27	%	L
4	Available Nitrogen (N)	108.0	Kg ha ⁻¹	L
5	Available Phosphorus (P)	18.9	Kg ha ⁻¹	M
6	Available Potassium (K)	295.7	Kg ha ⁻¹	H
7	Available Sulphur (S)	25.13	ppm	H
8	Available Zinc (Zn)	0.81	ppm	S
9	Available Boron (B)	15.09	ppm	S
10	Available Iron (Fe)	50.45	ppm	S
11	Available Manganese (Mn)	151.56	ppm	S
12	Available Copper (Cu)	0.86	ppm	S

Central Tasar Research and Training
Institute, Ranchi

Soil Health Card

Soil Health Card No.: 647

Name of farmer : Arjuna Nayak

Validity : From: 7-7-2017 to 6-7-20

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: 61 kg
2	Zinc (Zn)					SSP: 176 kg	Urea: 221 kg
3	Boron (B)					MOP: 47 kg	MOP: 47 kg
4	Iron (Fe)						
5	Manganese (Mn)						
6	Copper (Cu)						
General Recommendations							
1	Organic Manure	FYM 9.37 t					
2	Biofertiliser						
3	Lime / Gypsum						

International year of soils
2015



Healthy Soils for a Healthy Life

Director, CTR&TI, Ranchi