



CENTRAL TASAR RESEARCH AND TRAINING INSTITUTE,
RANCHI

CENTRAL SILK BOARD

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



SOIL HEALTH CARD

Farmer's Name	:	Departmental Rearing (DR)	Soil Health Card No.	:	05	Irrigation Type	:	Rainfed
Village Address	:	Bastar	Survey No.	:	-	Crop	:	Arjun/Asan
District	:	Bastar	Area (ha)	:	-	Soil Type	:	-

SOIL TEST RESULTS

S.No.	Parameters	Test Value	Unit	Rating
1	pH	5.90		Acidic
2	EC	0.09	dS m ⁻¹	Good
3	Organic Carbon (OC)	0.78	%	High
4	Available Nitrogen (N)	131.81	kg ha ⁻¹	Low
5	Available Phosphorus (P)	1.70	kg ha ⁻¹	Low
6	Available Potassium (K)	145.60	kg ha ⁻¹	Medium
7	Available Sulphur (S)	2.60	ppm	Low
8	Available Zinc (Zn)	0.37	ppm	Low
9	Available Boron (B)	6.47	ppm	Sufficient
10	Available Iron (Fe)	29.00	ppm	Sufficient
11	Available Manganese (Mn)	22.90	ppm	Sufficient
12	Available Copper (Cu)	1.40	ppm	Sufficient

FERTILIZER RECOMMENDATION BASED ON SOIL TEST

Macronutrients

Urea	:	326 kg/ha	(47 g/Tree)
Single Super Phosphate	:	469 kg/ha	(67 g/Tree)
Muriate of Potash	:	83 kg/ha	(12 g/Tree)

Micronutrients (kg/ha)

ZnSO ₄	Borax	FeSO ₄	MnSO ₄	CuSO ₄	S
25	Not Required	Not Required	Not Required	Not Required	15

General Recommendation

Organic Manure	Biofertilizer	Lime/Gypsum
12.5 t/ha	Azotobacter @ 20kg/ha along with 50 kg FYM	Lime @ 1125 kg/ha

Date of Soil Sample Received : 23-11-2017

Date of Soil Test Report : 28-12-2017



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SOIL HEALTH CARD

Farmer's Name	: Sri Kamalu Nishad	Soil Health Card No.	: 06	Irrigation Type	: Rainfed
Village Address	: Masagaon	Survey No.	: -	Crop	: Arjun/Asan
District	: Bastar	Area (ha)	: -	Soil Type	: -

SOIL TEST RESULTS

S.No.	Parameters	Test Value	Unit	Rating
1	pH	5.80		Acidic
2	EC	0.72	dS m ⁻¹	Good
3	Organic Carbon (OC)	0.66	%	Medium
4	Available Nitrogen (N)	100.42	kg ha ⁻¹	Low
5	Available Phosphorus (P)	6.40	kg ha ⁻¹	Low
6	Available Potassium (K)	156.80	kg ha ⁻¹	Medium
7	Available Sulphur (S)	3.30	ppm	Low
8	Available Zinc (Zn)	0.37	ppm	Deficient
9	Available Boron (B)	8.53	ppm	Sufficient
10	Available Iron (Fe)	29.50	ppm	Sufficient
11	Available Manganese (Mn)	15.30	ppm	Sufficient
12	Available Copper (Cu)	0.74	ppm	Sufficient

FERTILIZER RECOMMENDATION BASED ON SOIL TEST

Macronutrients

Urea	:	326 kg/ha	(47 g/Tree)
Single Super Phosphate	:	391 kg/ha	(56 g/Tree)
Muriate of Potash	:	83 kg/ha	(12 g/Tree)

Micronutrients (kg/ha)

ZnSO ₄	Borax	FeSO ₄	MnSO ₄	CuSO ₄	S
25	Not Required	Not Required	Not Required	Not Required	15

General Recommendation

Organic Manure	Biofertilizer	Lime/Gypsum
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SOIL HEALTH CARD

Farmer's Name	: Sri Ramnath Sori	Soil Health Card No.	: 07	Irrigation Type	: Rainfed
Village Address	: Baniagaon	Survey No.	: -	Crop	: Arjun/Asan
District	: Bastar	Area (ha)	: -	Soil Type	: -

SOIL TEST RESULTS

S.No.	Parameters	Test Value	Unit	Rating
1	pH	5.95		Acidic
2	EC	0.10	dS m ⁻¹	Good
3	Organic Carbon (OC)	0.60	%	Medium
4	Available Nitrogen (N)	125.53	kg ha ⁻¹	Low
5	Available Phosphorus (P)	5.40	kg ha ⁻¹	Low
6	Available Potassium (K)	134.40	kg ha ⁻¹	Medium
7	Available Sulphur (S)	1.63	ppm	Low
8	Available Zinc (Zn)	0.37	ppm	Low
9	Available Boron (B)	0.60	ppm	Sufficient
10	Available Iron (Fe)	23.60	ppm	Sufficient
11	Available Manganese (Mn)	13.50	ppm	Sufficient
12	Available Copper (Cu)	2.05	ppm	Sufficient

FERTILIZER RECOMMENDATION BASED ON SOIL TEST

Macronutrients

Urea	:	326 kg/ha	(47 g/Tree)
Single Super Phosphate	:	391 kg/ha	(56 g/Tree)
Muriate of Potash	:	83 kg/ha	(12 g/Tree)

Micronutrients (kg/ha)

ZnSO ₄	Borax	FeSO ₄	MnSO ₄	CuSO ₄	S
25	Not Required	Not Required	Not Required	Not Required	15

General Recommendation

Organic Manure	Biofertilizer	Lime/Gypsum
12.5 t/ha	Azotobacter @ 20kg/ha along with 50 kg FYM	Lime @ 1125 kg/ha

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SOIL HEALTH CARD

Farmer's Name	: Sri Tandi	Soil Health Card No.	: 08	Irrigation Type	: Rainfed
Village Address	: Madhota	Survey No.	: -	Crop	: Arjun/Asan
District	: Bastar	Area (ha)	: -	Soil Type	: -

SOIL TEST RESULTS

S.No.	Parameters	Test Value	Unit	Rating
1	pH	5.87		Acidic
2	EC	0.14	dS m ⁻¹	Good
3	Organic Carbon (OC)	0.39	%	Low
4	Available Nitrogen (N)	143.10	kg ha ⁻¹	Low
5	Available Phosphorus (P)	4.30	kg ha ⁻¹	Low
6	Available Potassium (K)	168.00	kg ha ⁻¹	Medium
7	Available Sulphur (S)	5.88	ppm	Low
8	Available Zinc (Zn)	0.74	ppm	Sufficient
9	Available Boron (B)	1.09	ppm	Sufficient
10	Available Iron (Fe)	22.30	ppm	Sufficient
11	Available Manganese (Mn)	8.10	ppm	Sufficient
12	Available Copper (Cu)	2.05	ppm	Sufficient

FERTILIZER RECOMMENDATION BASED ON SOIL TEST

Macronutrients

Urea	:	272 kg/ha	(39 g/Tree)
Single Super Phosphate	:	469 kg/ha	(67 g/Tree)
Muriate of Potash	:	83 kg/ha	(12 g/Tree)

Micronutrients (kg/ha)

ZnSO ₄	Borax	FeSO ₄	MnSO ₄	CuSO ₄	S
Not Required	Not Required	Not Required	Not Required	Not Required	15

General Recommendation

Organic Manure	Biofertilizer	Lime/Gypsum
12.5 t/ha	Azotobacter @ 20kg/ha along with 50 kg FYM	Lime @ 1125 kg/ha

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