



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.	:	59	Irrigation Type	:	Rainfed
Village Address	:	Rampachodavaram	Survey No.	:	-	Crop	:	Arjun/Asan
District	:	West Godavari (AP)	Area (ha)	:	-	Soil Type	:	-

**SOIL TEST RESULTS**

S.No.	Parameters	Test Value	Unit	Rating
1	pH	6.76		Neutral
2	EC	0.20	dS m <sup>-1</sup>	Good
3	Organic Carbon (OC)	0.36	%	Low
4	Available Nitrogen (N)	123.02	kg ha <sup>-1</sup>	Low
5	Available Phosphorus (P)	9.70	kg ha <sup>-1</sup>	Low
6	Available Potassium (K)	212.80	kg ha <sup>-1</sup>	Medium
7	Available Sulphur (S)	8.18	ppm	Low
8	Available Zinc (Zn)	1.21	ppm	Sufficient
9	Available Boron (B)	2.04	ppm	Sufficient
10	Available Iron (Fe)	6.15	ppm	Sufficient
11	Available Manganese (Mn)	7.20	ppm	Sufficient
12	Available Copper (Cu)	0.93	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 <sub>4</sub>	Borax	FeSO <sub>4</sub>	MnSO <sub>4</sub>	CuSO <sub>4</sub>	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	Not Required

Date of Soil Sample Received : 21-11-2017

Date of Soil Test Report : 28-12-2017



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**SOIL HEALTH CARD**

Farmer's Name	:	Departmental Rearing (DR)	Soil Health Card No.	:	60	Irrigation Type	:	Rainfed
Village Address	:	Rampachodavaram	Survey No.	:	-	Crop	:	Arjun/Asan
District	:	West Godavari (AP)	Area (ha)	:	-	Soil Type	:	-

**SOIL TEST RESULTS**

S.No.	Parameters	Test Value	Unit	Rating
1	pH	7.00		Neutral
2	EC	0.16	dS m <sup>-1</sup>	Good
3	Organic Carbon (OC)	0.42	%	Low
4	Available Nitrogen (N)	134.32	kg ha <sup>-1</sup>	Low
5	Available Phosphorus (P)	6.70	kg ha <sup>-1</sup>	Low
6	Available Potassium (K)	212.80	kg ha <sup>-1</sup>	Medium
7	Available Sulphur (S)	5.23	ppm	Low
8	Available Zinc (Zn)	2.59	ppm	Sufficient
9	Available Boron (B)	2.52	ppm	Sufficient
10	Available Iron (Fe)	5.15	ppm	Sufficient
11	Available Manganese (Mn)	5.40	ppm	Sufficient
12	Available Copper (Cu)	0.46	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 <sub>4</sub>	Borax	FeSO <sub>4</sub>	MnSO <sub>4</sub>	CuSO <sub>4</sub>	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	Not Required

Date of Soil Sample Received : 21-11-2017

Date of Soil Test Report : 28-12-2017



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**SOIL HEALTH CARD**

Farmer's Name	:	Adopted Rearing (AR)	Soil Health Card No.	:	61	Irrigation Type	:	Rainfed
Village Address	:	Chintoor, RC Varam	Survey No.	:	-	Crop	:	Arjun/Asan
District	:	West Godavari (AP)	Area (ha)	:	-	Soil Type	:	-

**SOIL TEST RESULTS**

S.No.	Parameters	Test Value	Unit	Rating
1	pH	6.45		Acidic
2	EC	0.11	dS m <sup>-1</sup>	Good
3	Organic Carbon (OC)	0.36	%	Low
4	Available Nitrogen (N)	151.89	kg ha <sup>-1</sup>	Low
5	Available Phosphorus (P)	4.50	kg ha <sup>-1</sup>	Low
6	Available Potassium (K)	113.12	kg ha <sup>-1</sup>	Medium
7	Available Sulphur (S)	13.33	ppm	Medium
8	Available Zinc (Zn)	0.18	ppm	Deficient
9	Available Boron (B)	1.23	ppm	Sufficient
10	Available Iron (Fe)	10.60	ppm	Sufficient
11	Available Manganese (Mn)	14.80	ppm	Sufficient
12	Available Copper (Cu)	1.12	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 <sub>4</sub>	Borax	FeSO <sub>4</sub>	MnSO <sub>4</sub>	CuSO <sub>4</sub>	S
25	Not Required	Not Required	Not Required	Not Required	Not Required

**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 : 21-11-2017

Date of Soil Test Report :



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**SOIL HEALTH CARD**

Farmer's Name	:	Adopted Rearing (AR)	Soil Health Card No.	:	62	Irrigation Type	:	Rainfed
Village Address	:	Chintoor, RC Varam	Survey No.	:	-	Crop	:	Arjun/Asan
District	:	West Godavari (AP)	Area (ha)	:	-	Soil Type	:	-

**SOIL TEST RESULTS**

S.No.	Parameters	Test Value	Unit	Rating
1	pH	6.24		Acidic
2	EC	0.12	dS m <sup>-1</sup>	Good
3	Organic Carbon (OC)	0.51	%	Medium
4	Available Nitrogen (N)	143.10	kg ha <sup>-1</sup>	Low
5	Available Phosphorus (P)	10.70	kg ha <sup>-1</sup>	Medium
6	Available Potassium (K)	212.80	kg ha <sup>-1</sup>	Medium
7	Available Sulphur (S)	20.05	ppm	High
8	Available Zinc (Zn)	0.55	ppm	Deficient
9	Available Boron (B)	8.56	ppm	Sufficient
10	Available Iron (Fe)	9.96	ppm	Sufficient
11	Available Manganese (Mn)	14.80	ppm	Sufficient
12	Available Copper (Cu)	1.40	ppm	Sufficient

**FERTILIZER RECOMMENDATION BASED ON SOIL TEST**

**Macronutrients**

Urea	:	272 kg/ha	(39 g/Tree)
Single Super Phosphate	:	312 kg/ha	(45 g/Tree)
Muriate of Potash	:	83 kg/ha	(12 g/Tree)

**Micronutrients (kg/ha)**

ZnSO <sub>4</sub>	Borax	FeSO <sub>4</sub>	MnSO <sub>4</sub>	CuSO <sub>4</sub>	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 : 21-11-2017

Date of Soil Test Report : 28-12-2017

**Nutrient Concentration of Leaf Sample, BSM&TC, Rampachodavaram**

<b>S. No.</b>	<b>Farmer's Details</b>	<b>Nitrogen (%)</b>	<b>Phosphorus (%)</b>	<b>Potassium (%)</b>
1.	Departmental Rearing Field	1.34	0.131	0.62
2.	Adopted Rearing Field	1.47	0.089	0.41