

Secondary & Micro Nutrients Recommendations

#	Parameter	Through Soil	Through Spray
1	Sulphur (S)	S @ 20-40 kg/ha (Gypsum 140-280 kg/ha)	-
2	Boron (B)	Borax (5-10 kg/ha)	0.25 % borax
3	Iron (Fe)	Ferrous sulphate (25-50 kg/ha) (Soil application is preferred)	1% Ferrous sulphate (Spray thrice)+ 0.5 % lime
4	Manganese (Mn)	Manganese sulphate (10 -25 kg/ha)	1 % Manganese sulphate + 0.25% lime or 0.5% Manganese sulphate (three sprays)

OR

General Recommendations

1	Lime / Gypsum	
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Soil Test Results

District Agriculture Office, DHARMAPURI , TAMIL NADU

Soil Type:

Sr.No.	Parameter	Test Value	Unit	Rating	Normal Level
1	pH	7.10		Moderately alkaline	7, Neutral
2	EC	0.30	dS/m		
3	Organic Carbon (OC)	0.19	%	Very Low	0.51 - 0.75%
4	Available Nitrogen (N)	182.00	kg/ha	Low	280 - 560 kg/ha
5	Available Phosphorus (P)	15.00	kg/ha	Low	23 - 57 kg/ha
6	Available Potassium (K)	137.00	kg/ha	Low	145 - 337 kg/ha
7	Available Sulphur (S)	5.00	ppm	Deficient	> 10 ppm
8	Available Zinc (Zn)	0.80	ppm	Sufficient	> 0.6 ppm
9	Available Boron (B)	0.20	ppm	Deficient	> 0.5 ppm
10	Available Iron (Fe)	3.70	ppm	Deficient	> 4.5 ppm
11	Available Manganese (Mn)	1.76	ppm	Deficient	> 2.0 ppm
12	Available Copper (Cu)	0.32	ppm	Sufficient	> 0.2 ppm



Department of Agriculture and Farmers Welfare
Ministry of Agriculture and Farmers Welfare
Government of India
Directorate of Agriculture



Soil Health Card

Soil Health Card Number - TN/2017-18/65292330/3

Validity - From: To:

Farmer's Details


Farmer Name	singaravelan
Father's/Husband Name	
Address	XXXXXX
Mobile No.	-XXXX-XX
Gender	XXXXXX
Category	XXXXXX

Soil Sample Details


Date of Sample Collection	12-05-2017
Survey No., Khasra No./ Dag No.	260/1a,-
Farm Size	0.00 Hectares Rainfed
Geo Position (GPS)	#Error

Excess use of Fertilizer is injurious to soil health and plant growth. Use fertilizer judiciously.
Reclaim Sodic Soil with Gypsum Treat
Treat acidic soil with Lime
Organic Manures improve Soil Health
Use Saline water after mixing with canal water
Use Sodic water after treating with gypsum
Adopt Integrated Nutrient Management for healthy soil & enhancing farm income

Please use option 1 or option 2, not both.(TN/2017-18/65292330/3)

Option 1					
Sr.No	Crop Variety	Fertilizer Combination-1 (kg/ha)			Organic Fertilizer & Quantity
1	 Maize			kg/ha	FYM 12.00t/ha Azospirillum 2.5 kg/h
				kg/ha	
				kg/ha	
2	Red Grams			kg/ha	FYM 12.00t/ha Rhizobium 2.5 kg/h
				kg/ha	
				kg/ha	
3	Black Grams (Urd Beans)			kg/ha	FYM 12.00t/ha Rhizobium 2.5 kg/h
				kg/ha	
				kg/ha	
4	Cowpea (Lobia) (Asparagus)			kg/ha	FYM 12.00t/ha Rhizobium 2.5 kg/h
				kg/ha	
				kg/ha	

OR

Option 2					
Crop Variety	Fertilizer Combination-2 (kg/ha)			Organic Fertilizer & Quantity	Bio Fertilizer & Quantity
 Maize			kg/ha	FYM 12.00t/ha	Azospirillum 2.5 kg/h
			kg/ha		
			kg/ha		
Red Grams			kg/ha	FYM 12.00t/ha	Rhizobium 2.5 kg/h
			kg/ha		
			kg/ha		
Black Grams (Urd Beans)			kg/ha	FYM 12.00t/ha	Rhizobium 2.5 kg/h
			kg/ha		
			kg/ha		
Cowpea (Lobia) (Asparagus)			kg/ha	FYM 12.00t/ha	Rhizobium 2.5 kg/h
			kg/ha		
			kg/ha		

If you have any questions about this card, please call
Kisan Call Center :1800-180-1551
Website : <https://soilhealth.dac.gov.in>

Use the quantity of fertilizers
for the whole crop cycle, not at a time