

Secondary & Micro Nutrients Recommendations

#	Parameter	Through Soil		Through Spray	
1	Iron (Fe)	Ferrous sulphate (25-50 kg/ha) (Soil application is preferred)	OR	1% Ferrous sulphate (Spray thrice)+ 0.5 % lime	
General Recommendations					
1	Lime / Gypsum				
Soil Test Results					
District Agriculture Office, DHARMAPURI , TAMIL NADU					
Soil Type:					
Sr.No.	Parameter	Test Value	Unit	Rating	Normal Level
1	pH	8.10		Moderately alkaline	7, Neutral
2	EC	0.20	dS/m		
3	Organic Carbon (OC)	0.16	%	Very Low	0.51 - 0.75%
4	Available Nitrogen (N)	156.00	kg/ha	Low	280 - 560 kg/ha
5	Available Phosphorus (P)	28.00	kg/ha	Medium	23 - 57 kg/ha
6	Available Potassium (K)	295.00	kg/ha	Medium	145 - 337 kg/ha
7	Available Sulphur (S)	15.00	ppm	Sufficient	> 10 ppm
8	Available Zinc (Zn)	0.66	ppm	Sufficient	> 0.6 ppm
9	Available Boron (B)	0.60	ppm	Sufficient	> 0.5 ppm
10	Available Iron (Fe)	3.84	ppm	Deficient	> 4.5 ppm
11	Available Manganese (Mn)	2.46	ppm	Sufficient	> 2.0 ppm
12	Available Copper (Cu)	0.56	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/2017-18/65293164/1	
Validity - From: To:	
Farmer's Details	
Farmer Name	Alagasan
Father's/Husband Name	
Address	XXXXXX
Mobile No.	-XXXX-XX
Gender	XXXXXX
Category	XXXXXX
Soil Sample Details	
Date of Sample Collection	19-04-2017
Survey No., Khasra No./ Dag No.	42750,-
Farm Size	0.00 Hectares Rainfed
Geo Position (GPS)	Latitude 12.084722°N Longitude 78.408611°E
<p>Excess use of Fertilizer is injurious to soil health and plant growth. Use fertilizer judiciously.</p> <p>Reclaim Sodic Soil with Gypsum Treat</p> <p>Treat acidic soil with Lime</p> <p>Organic Manures improve Soil Health</p> <p>Use Saline water after mixing with canal water</p> <p>Use Sodic water after treating with gypsum</p> <p>Adopt Integrated Nutrient Management for healthy soil & enhancing farm income</p>	

Please use option 1 or option 2, not both.(TN/2017-18/65293164/1)

Option 1					
Sr.No .	Crop Variety	Fertilizer Combination-1 (kg/ha)			Organic Fertilizer & Quantity
1	Cotton			kg/ha	FYMAzospirillum 12.00t/ha2.5 kg/h
				kg/ha	
				kg/ha	
2	Jowar (Sorgham)			kg/ha	FYMAzospirillum 12.00t/ha2.5 kg/h
				kg/ha	
				kg/ha	
3	Maize (Fodder)			kg/ha	FYMAzospirillum 12.00t/ha2.5 kg/h
				kg/ha	
				kg/ha	

OR

Option 2					
Crop Variety	Fertilizer Combination-2 (kg/ha)			Organic Fertilizer & Quantity	Bio Fertilizer & Quantity
			kg/ha	FYMAzospirillum	
Cotton			kg/ha	12.00	2.5 kg/h
			kg/ha	t/ha	
			kg/ha	FYMAzospirillum	
Jowar (Sorgham)			kg/ha	12.00	2.5 kg/h
			kg/ha	t/ha	
			kg/ha	FYMAzospirillum	
Maize (Fodder)			kg/ha	12.00	2.5 kg/h
			kg/ha	t/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 fertiliers
for the whole crop cycle, not at a time