

Secondary & Micro Nutrients Recommendations

#	Parameter	Through Soil	OR	Through Spray	
1	Boron (B)	Borax (5-10 kg/ha)		0.25 % borax	
2	Iron (Fe)	Ferrous sulphate (25-50 kg/ha) (Soil application is preferred)		1% Ferrous sulphate (Spray thrice)+ 0.5 % lime	
General Recommendations					
1	Lime / Gypsum				
Soil Test Results					
Soil Testing Laboratory					
Soil Type: Black cotton soil					
Sr.No.	Parameter	Test Value	Unit	Rating	Normal Level
1	pH	7.60		Moderately alkaline	7, Neutral
2	EC	0.30	dS/m	Normal	0 - 2 dS/m
3	Organic Carbon (OC)	0.22	%	Very Low	0.51 - 0.75%
4	Available Nitrogen (N)	165.00	kg/ha	Low	280 - 560 kg/ha
5	Available Phosphorus (P)	25.00	kg/ha	Medium	23 - 57 kg/ha
6	Available Potassium (K)	170.00	kg/ha	Medium	145 - 337 kg/ha
7	Available Sulphur (S)	20.00	ppm	Sufficient	> 10 ppm
8	Available Zinc (Zn)	0.84	ppm	Sufficient	> 0.6 ppm
9	Available Boron (B)	0.40	ppm	Deficient	> 0.5 ppm
10	Available Iron (Fe)	4.18	ppm	Deficient	> 4.5 ppm
11	Available Manganese (Mn)	2.06	ppm		
12	Available Copper (Cu)	0.22	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/2016-17/10432244/1	
Validity - From: To:	
Farmer's Details	
Farmer Name	MARIYAMMAL
Father's/Husband Name	MANIVANNAN
Address	XXXXXX
Mobile No.	-XXXX-XX
Gender	XXXXXX
Category	XXXXXX
Soil Sample Details	
Date of Sample Collection	26-06-2016
Survey No., Khasra No./ Dag No.	25/1A,-
Farm Size	1.00 Acre Irrigated(Well)
Geo Position (GPS)	Latitude 18.401113°N Longitude 123.930011°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 &amp; enhancing farm income</p>	




Please use option 1 or option 2, not both.( TN/2016-17/10432244/1 )

Option 1

Sr.No .	Crop Variety	Fertilizer Combination-1 (kg/ha)			Organic Fertilizer & Quantity	Bio Fertilizer & Quantity
1		Urea		54 kg/ha	FYM 12.00t/ha	Rhizobium 2.0 kg/h
	Green Grams (Moon g)	Single Superphosphate		313 kg/ha		
		Muriate of Potash		42 kg/ha		

OR

Option 2

Crop Variety	Fertilizer Combination-2 (kg/ha)			Organic Fertilizer & Quantity	Bio Fertilizer & Quantity	Reference Yield
	DAP(16:44:0)		114 kg/ha	FYM 12.00 t/ha	Rhizobium 2.0 kg/h	1 q/a
Green Grams (Moon g)	Single Superphosphate		0 kg/ha			
	Muriate of Potash		42 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 fertiliers  
for the whole crop cycle, not at a time