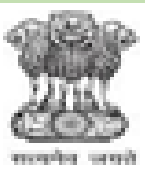


Secondary & Micro Nutrients Recommendations

#	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/2016-17/10432244/3
 Validity - From: To:

Farmer's Details




Farmer Name	thamilarasan
Father's/Husband Name	
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.	41/1a1,-
Farm Size	Irrigated(Well)
Geo Position (GPS)	Latitude 18.401113°N Longitude 123.930011°E

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/2016-17/10432244/3)

Option 1					
Sr.No .	Crop Variety	Fertilizer Combination-1 (kg/ha)			Organic Fertilizer & Quantity
1		Urea		54 kg/ha	Green Manure Rhizobium 12.00t/ha 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
	DAP(16:44:0)		114 kg/ha	Green Manure 12.00 t/ha	Rhizobium 2.0 kg/h
Green Grams (Moon g)	Single Superphosphate		0 kg/ha		
	Muriate of Potash		42 kg/ha		

1 q/a

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