

Secondary & Micro Nutrients Recommendations

#	Parameter	Through Soil	Through Spray
1	Sulphur (S)	S @ 20-40 kg/ha (Gypsum 140-280 kg/ha) OR 1% Ferrous sulphate (Spray thrice)+ 0.5 % lime	-
2	Boron (B)		0.25 % borax
3	Iron (Fe)		1% Ferrous sulphate (Spray thrice)+ 0.5 % lime

General Recommendations

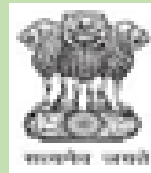
1	Lime / Gypsum	
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Soil Test Results

Soil Testing Laboratory

Soil Type:

Sr.No.	Parameter	Test Value	Unit	Rating	Normal Level
1	pH	7.40		Moderately alkaline	7, Neutral
2	EC	0.30	dS/m		
3	Organic Carbon (OC)	0.30	%	Low	0.51 - 0.75%
4	Available Nitrogen (N)	125.00	kg/ha	Very Low	280 - 560 kg/ha
5	Available Phosphorus (P)	15.00	kg/ha	Low	23 - 57 kg/ha
6	Available Potassium (K)	170.00	kg/ha	Medium	145 - 337 kg/ha
7	Available Sulphur (S)	10.00	ppm	Deficient	> 10 ppm
8	Available Zinc (Zn)	0.82	ppm	Sufficient	> 0.6 ppm
9	Available Boron (B)	0.40	ppm	Deficient	> 0.5 ppm
10	Available Iron (Fe)	4.04	ppm	Deficient	> 4.5 ppm
11	Available Manganese (Mn)	2.08	ppm		
12	Available Copper (Cu)	0.28	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/2016-17/7114162/2

Validity - From: To:

Farmer's Details





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

Soil Sample Details





Date of Sample Collection	26-05-2016
Survey No., Khasra No./ Dag No.	-
Farm Size	Irrigated(Well)
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/2016-17/7114162/2)

Option 1					
Sr.No	Crop Variety	Fertilizer Combination-1 (kg/ha)			Organic Fertilizer & Quantity
1	 Sugarcane	Urea		598 kg/ha	FYM 12.00t/ha Azospirillum 5.0 kg/h
		Single Superphosphate		388 kg/ha	
		Muriate of Potash		188 kg/ha	

OR

Option 2							
Crop Variety	Fertilizer Combination-2 (kg/ha)				Organic Fertilizer & Quantity	Bio Fertilizer & Quantity	Reference Yield
 Sugarcane	DAP(16:44:0)		141 kg/ha	FYM 12.00 t/ha	Azospirillum 5.0 kg/h	41 q/a	
	Single Superphosphate		0 kg/ha				
	Muriate of Potash		188 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