

Secondary & Micro Nutrients Recommendations

#	Parameter	Through Soil	Through Spray
1	Sulphur (S)	S @ 20-40 kg/ha (Gypsum 140-280 kg/ha) OR Zinc sulphate (15 -25 kg/ha) Borax (5-10 kg/ha) Ferrous sulphate (25-50 kg/ha) (Soil application is preferred)	-
2	Zinc (Zn)		0.5% Zinc sulphate +0.25% lime
3	Boron (B)		0.25 % borax
4	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	7.20		Moderately alkaline	7, Neutral
2	EC	0.10	dS/m		
3	Organic Carbon (OC)	0.30	%	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)	200.00	kg/ha	Medium	145 - 337 kg/ha
7	Available Sulphur (S)	10.00	ppm	Deficient	> 10 ppm
8	Available Zinc (Zn)	0.22	ppm	Deficient	> 0.6 ppm
9	Available Boron (B)	0.40	ppm	Deficient	> 0.5 ppm
10	Available Iron (Fe)	4.20	ppm	Deficient	> 4.5 ppm
11	Available Manganese (Mn)	2.26	ppm	Sufficient	> 2.0 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/2016-17/10877543/1

Validity - From: To:

Farmer's Details





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

Soil Sample Details





Date of Sample Collection	19-08-2016
Survey No., Khasra No./ Dag No.	106/11,-
Farm Size	Rainfed
Geo Position (GPS)	Latitude 80.780835°N Longitude 14.239168°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/2016-17/10877543/1)

Option 1					
Sr.No .	Crop Variety	Fertilizer Combination-1 (kg/ha)			Organic Fertilizer & Quantity
1		Urea		435 kg/ha	FYM 12.00t/ha Azospirillum 5.0 kg/h
	Paddy (Dhaan)	Single Superphosphate		313 kg/ha	
		Muriate of Potash		83 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	FYM 12.00 t/ha	Azospirillum 5.0 kg/h
Paddy (Dhaan)	Single Superphosphate		0 kg/ha		
	Muriate of Potash		83 kg/ha		

4 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