

Secondary & Micro Nutrients Recommendations

| # | Parameter | Through Soil | Through Spray |
|---|----------------|--|---|
| 1 | Sulphur (S) | S @ 20-40 kg/ha (Gypsum 140-280 kg/ha) | - |
| 2 | Boron (B) | Borax (5-10 kg/ha) | 0.25 % borax |
| 3 | Iron (Fe) | Ferrous sulphate (25-50 kg/ha) (Soil application is preferred) | 1% Ferrous sulphate (Spray thrice)+ 0.5 % lime |
| 4 | Manganese (Mn) | Manganese sulphate (10 -25 kg/ha) | 1 % Manganese sulphate + 0.25% lime or 0.5% Manganese sulphate (three sprays) |

OR

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 | 7.30 | | Moderately alkaline | 7, Neutral |
| 2 | EC | 0.20 | dS/m | | |
| 3 | Organic Carbon (OC) | 0.18 | % | Very Low | 0.51 - 0.75% |
| 4 | Available Nitrogen (N) | 182.00 | kg/ha | Low | 280 - 560 kg/ha |
| 5 | Available Phosphorus (P) | 42.00 | kg/ha | Medium | 23 - 57 kg/ha |
| 6 | Available Potassium (K) | 220.00 | kg/ha | Medium | 145 - 337 kg/ha |
| 7 | Available Sulphur (S) | 5.00 | ppm | Deficient | > 10 ppm |
| 8 | Available Zinc (Zn) | 0.70 | ppm | Sufficient | > 0.6 ppm |
| 9 | Available Boron (B) | 0.40 | ppm | Deficient | > 0.5 ppm |
| 10 | Available Iron (Fe) | 4.02 | ppm | Deficient | > 4.5 ppm |
| 11 | Available Manganese (Mn) | 1.74 | ppm | Deficient | > 2.0 ppm |
| 12 | Available Copper (Cu) | 0.26 | 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/2017-18/65292753/3

Validity - From: To:

Farmer's Details


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

Soil Sample Details


| | |
|---------------------------------|----------------------------|
| Date of Sample Collection | 08-05-2017 |
| Survey No., Khasra No./ Dag No. | 23/4A,- |
| Farm Size | 0.00 Hectares Rainfed |
| 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/2017-18/65292753/3)

| Option 1 | | | | | |
|----------|--|----------------------------------|--|-------|--|
| Sr.No | Crop Variety | Fertilizer Combination-1 (kg/ha) | | | Organic Fertilizer & Quantity |
| 1 |  Maize | | | kg/ha | FYM 12.00t/ha Azospirillum 2.5 kg/h |
| | | | | kg/ha | |
| | | | | kg/ha | |
| 2 | Red Grams | | | kg/ha | FYM 12.00t/ha Rhizobium 2.5 kg/h |
| | | | | kg/ha | |
| | | | | kg/ha | |
| 3 | Groundnut | | | kg/ha | FYM 12.00t/ha Rhizobium 2.5 kg/h |
| | | | | kg/ha | |
| | | | | kg/ha | |
| 4 | Bajra (Pearl Millet) | | | kg/ha | FYM 12.00t/ha Azospirillum 2.5 kg/h |
| | | | | kg/ha | |
| | | | | kg/ha | |

OR

| Option 2 | | | | | |
|---|----------------------------------|--|-------|-------------------------------|---------------------------|
| Crop Variety | Fertilizer Combination-2 (kg/ha) | | | Organic Fertilizer & Quantity | Bio Fertilizer & Quantity |
|  Maize | | | kg/ha | FYM 12.00t/ha | Azospirillum 2.5 kg/h |
| | | | kg/ha | | |
| | | | kg/ha | | |
| Red Grams | | | kg/ha | FYM 12.00t/ha | Rhizobium 2.5 kg/h |
| | | | kg/ha | | |
| | | | kg/ha | | |
| Groundnut | | | kg/ha | FYM 12.00t/ha | Rhizobium 2.5 kg/h |
| | | | kg/ha | | |
| | | | kg/ha | | |
| Bajra (Pearl Millet) | | | kg/ha | FYM 12.00t/ha | Azospirillum 2.5 kg/h |
| | | | kg/ha | | |
| | | | 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 fertilizers
for the whole crop cycle, not at a time