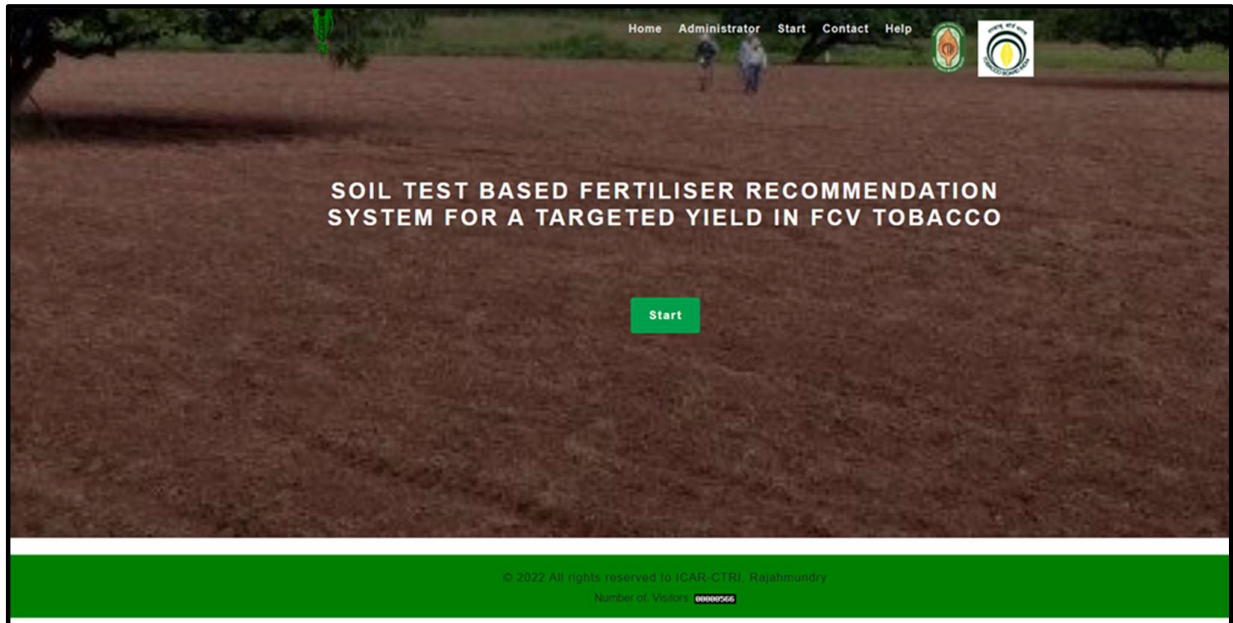


## USER GUIDE

# STCR based Fertiliser Recommendation System (STCR-FRS)

### STEP: 1: PRESS **START** BUTTON



### STEP: 2: ENTER FARMER DETAILS, SOIL TEST DATA & SELECT YIELD TARGET

The screenshot displays the registration form on the STCR-FRS website. The form is divided into two main sections: "FARMER DETAILS" and "SOIL TEST DATA".

**FARMER DETAILS:**

- Name of the Farmer:** A text input field with the placeholder "Name of the Farmer".
- Name of the Village:** A text input field with the placeholder "Name of the Village".
- Auction Platform Name:** A dropdown menu.
- TBGR Number:** A text input field with the placeholder "Enter TBGR Number".
- FCV Production Zone:** A dropdown menu with the placeholder "----- Select -----".

**SOIL TEST DATA:**

- Organic Carbon (%):** A text input field with the placeholder "Organic Carbon".
- Yield Target (Quintals/ha):** A dropdown menu.
- Available Soil Nitrogen (kg/ha):** A text input field with the placeholder "Available N".
- Available Soil Phosphorous (kg/ha):** A text input field with the placeholder "Available P".
- Available Soil Potassium (kg/ha):** A text input field with the placeholder "Available K".

At the bottom center of the form is a green "Submit" button.

**Note:** \* fields are mandatory/compulsory

STEP: 3: PRESS THE “SUBMIT” BUTTON FOR THE REPORT

### Fertiliser Recommendation Report

ICAR - CENTRAL TOBACCO RESEARCH INSTITUTE, RAJAHMUNDRY  
Soil Test Crop Response Based Fertilizer Recommendation for FCV Tobacco  
Northern Light Soils

**Farmer Details**  
Name: \_\_\_\_\_  
TBGR Number: 235  
Village: \_\_\_\_\_

**Soil Test Data**  
Organic Carbon (%): 0.30 Available Phosphorus (kg/ha): 22  
Available Nitrogen (kg/ha): 103 Available Potassium (kg/ha): 314

**Nutrient Recommendation (kg/ha)**  
N: 125 P<sub>2</sub>O<sub>5</sub>: 47 K<sub>2</sub>O: 119 Yield Target(q/ha): 27

**Fertilizer Recommendation**

| Basal / Split        | Kg Nutrient/Hectre                            | Fertiliser Source      | Kg Fertiliser Dose/Hectre |
|----------------------|---|------------------------|---------------------------|
| Basal                | Nitrogen (N) :                                | Ammonium Sulphate      | 62                        |
|                      | Phosphorous(P <sub>2</sub> O <sub>5</sub> ) : | Di- Ammonium Phosphate | 102                       |
|                      | Potassium (K <sub>2</sub> O) :                | Potassium Sulphate     | 60                        |
| 2 <sup>nd</sup> Dose | Nitrogen (N) :                                | Ammonium Sulphate      | 298                       |
|                      | Potassium (K <sub>2</sub> O) :                | Potassium Sulphate     | 119                       |
| 3 <sup>rd</sup> Dose | Nitrogen (N) :                                | Urea                   | 68                        |
|                      | Potassium (K <sub>2</sub> O) :                | Potassium Sulphate     | 60                        |

**Note** : Dolomite @ 200 kg/ha is recommended for the supply of calcium to FCV tobacco .

**Other Recommendations**  
Organic Manures & Amendments  
Organic manures: 2.5 t/ha or green manure

Print Edit Finish

- ✓ Report can be stored/printed as PDF with **PRINT** button
- ✓ Data can be edited by going back to previous screen with **EDIT** button
- ✓ Go to HOME screen by pressing **FINISH** button

From the “Contact” menu you can reach us for any clarifications.

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