

Crop Recommendation Report

Date: 8/27/2025

Soil & Location Information

Soil Type: Red-Yellow Latosols

Soil pH: 6

Nitrogen: 23 ppm

Phosphorus: 23 ppm

Potassium: 87 ppm

District: Vavuniya

Agro-ecological Zone: DL2b

Season: Maha

Land Area: 4 hectares

Weather Conditions

Temperature: 27.1°C

Precipitation: 0 mm

Wind Speed: 18.3 m/s

AI Crop Recommendations

Best Match: Maize

Confidence: 39%

Model Accuracy: 88.28%

Alternative Options:

Tomato - Poor (32%)

Red Onion - Poor (15.61%)

Fertilizer Recommendations

- Apply potassium fertilizer (MOP) - 30-60 kg/ha

Management Tips

- Maize: Plant at proper spacing for optimal yield
- Maize: Apply nitrogen fertilizer in split doses