

# Crop Recommendation Report

Date: 8/27/2025

## Soil & Location Information

Soil Type: Red Yellow Podzolic

Soil pH: 3.2

Nitrogen: 334 ppm

Phosphorus: 234234 ppm

Potassium: 234 ppm

District: Mullaitivu

Agro-ecological Zone: DL1b

Season: Maha

Land Area: 3 hectares

## Weather Conditions

Temperature: 28.5°C

Precipitation: 0 mm

Wind Speed: 39.3 m/s

## AI Crop Recommendations

Best Match: Maize

Confidence: 39%

Model Accuracy: 88.28%

Alternative Options:

Tomato - Poor (32%)

Red Onion - Poor (15.61%)

## Soil Considerations

- Soil is too acidic - consider liming before planting

## Management Tips

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