

Crop Recommendation Report

Farmer: pathum (ID: 4)
Date: 8/29/2025

Soil & Location Information

Soil Type: Red-Yellow Latosols
Soil pH: 7
Nitrogen: 34 ppm
Phosphorus: 24 ppm
Potassium: 144 ppm
District: NuwaraEliya
Agro-ecological Zone: WU2b
Season: Maha
Land Area: 4 hectares
Avg Humidity (user): 165%
Avg Rainfall (user): 1267 mm

Weather Conditions

Temperature: 20.9°C
Precipitation (live): 0.2 mm
Wind Speed: 12.6 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: Correct spacing matters
- Maize: Split nitrogen doses