

Crop Recommendation Report

Farmer: pathum (ID: 4)
Date: 8/28/2025

Soil & Location Information

Soil Type: Red Yellow Podzolic

Soil pH: 6

Nitrogen: 24 ppm

Phosphorus: 23 ppm

Potassium: 143 ppm

District: Kegalle

Agro-ecological Zone: WM2a

Season: Yala

Land Area: 3 hectares

Weather Conditions

Temperature: 30.7°C

Precipitation: 0.1 mm

Wind Speed: 13.4 m/s

AI Crop Recommendations

Best Match: Potato

Confidence: 49%

Model Accuracy: 88.28%

Alternative Options:

Red Onion - Poor (34.31%)

Maize - Poor (11%)

Fertilizer Recommendations

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

Management Tips

- Potato: Hill up soil around plants
- Potato: Plant during cool months