

Crop Recommendation Report

Farmer: Disnaka (ID: 3)
Date: 9/5/2025

Soil & Location Information

Soil Type: Red Yellow Podzolic

Soil pH: 6

Nitrogen: 120 ppm

Phosphorus: 80 ppm

Potassium: 100 ppm

District: Badulla

Agro-ecological Zone: IU3d

Season: Maha

Land Area: 3 hectares

Avg Humidity (user): 75%

Avg Rainfall (user): 1250 mm

Temperature (user): 20°C

Weather Conditions

Wind Speed: 8 m/s

AI Crop Recommendations

Best Match: Carrot

Confidence: 85%

Model Accuracy: 91.54842689697718%

Alternative Options:

Potato - Poor (15%)

Tomato - Poor (0%)

Fertilizer Recommendations

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

Management Tips

- Carrot: Deep, well-drained soil
- Carrot: Avoid fresh manure