

Extracted Text:

Soil Analysis Report

Location: Bengaluru, Karnataka, India

Date: October 15, 2025

PARAMETER

VALUE (hg/

INTERPRETATION

(sens)

a

Nitrogen (N)

31.01

Low

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Phosphorus

28.21

Medium

Potash (K)

16.10

Low

4.49

Strongly Acidic

pH Value

Mol/L

Content

19.39

Adequate

Recommendations

1. Apply lime to adjust (pH to 6.5-7.0)

2. Use organic fertilizers to improve
nitrogen levels

3. Monitor phosphorus and potash levels
for crop-specific needs

4. Supplement calcium and magnesium
based on crop type

Parsed Values:

- Nitrogen: 31.01
- Phosphorus: 28.21
- Potash: 16.1
- pH: 4.49
- Moisture: 19.39



Recommended Crops with Market Prices:

- Cotton: ₹6200
- Finger Millet: ₹2100



Warnings:

- No crops match both soil and season. Showing soil-suitable crops only.
- Ragi is not recommended for this soil profile in Rabi season.