AGROLAB

CERTIFICATE OF ANALYSIS

Level 2 : Intermediate Soil Testing Certification

Certificate No.: STC-2025-1985
Issue Date: March 22, 2025

SAMPLE INFORMATION

Sample ID:	SOIL-2025-1985	**Collection Date:**	January 22, 2025
Sample Type:	Agricultural Soil	**Testing Period:**	2 Months (Jan 22 - Mar 21, 2025)
Sample Location:	Field Block #B23-X		

TEST RESULTS

Parameter	Acceptable Range	Average Result	Status
Soil pH	6.0 - 8.0	7.2	✓ PASS
Soil Moisture	20% - 75%	45%	✓ PASS
Soil Temperature	10°C - 25°C	19°C	✓ PASS
Electrical Conductivity (EC)	1 - 2.2 dS/m	1.8 dS/m	✓ PASS
Nitrogen (N)	15 - 35 mg/kg	28 mg/kg	✓ PASS
Phosphorus (P)	8 - 32 mg/kg	22 mg/kg	✓ PASS
Potassium (K)	90 - 260 mg/kg	185 mg/kg	✓ PASS
Water TDS	90 - 510 ppm	325 ppm	✓ PASS

TESTING METHODOLOGY

Monitoring Protocol: Automated readings at 12-hour intervals for 2 months

Equipment Used:

- Digital pH Analyzer (Model: GPX-3000)
- Moisture Detection System (Model: AGRI-H2O)
- Soil Temperature Logger (Model: STL-250)
- EC Meter Pro (Model: ECM-750)
- NPK Soil Analyzer (Model: NPKA-2500)
- TDS Water Quality Meter (Model: TDS-360)

Standard Reference: ASTM D2974 for Advanced Soil Testing

CERTIFICATION

This is to certify that the soil sample described above has been tested according to Level 2 Intermediate testing protocols and has **PASSED** all required parameters. The sample meets the established criteria for agricultural use as specified in standard ISO-17025.

Dr. Ava Williams	**Dr. Robert Tan**
Senior Soil Scientist	Quality Control Lead
GreenField Labs	GreenField Labs

Testing Facility: GreenField Soil Testing Laboratory | **Accreditation Number:** LAB-2025-4120

This certificate is valid for one year from the issue date. This document can be verified online at soilcert.verify.org using the certificate number.

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