



Food and Agriculture
Organization of the
United Nations

5th Meeting of the Regional Soil Laboratory Network for Africa (AFRILAB)

15 November 2023

2023 Report of NIGSOLAN (Nigeria Soil Laboratories Network)

*Williams Egbe (National Soil
and Fertilizer Lab, Kaduna)*

And

*Joseph Uponi (IITA-Ibadan,
Member of AFRILAB steering
committee)*

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- Number of labs in the country: We have over 120 laboratories that are involved in the analysis of soil and fertilizers. These include the laboratories in the universities, research institutes and private industries
- NIGSOLAN (Nigeria Soil Laboratories Network) was established in 2020. Our current national Focal Point Leader is Mr William Egbe.
- So far only 42 labs are involved in the national soil laboratory network

- **Main activities of labs in Nigeria**

1. We are mobilizing more of the soil and fertilizer laboratories to register with GLOSOLAN/NIGSOLAN
2. We are planning a free proficiency testing for soil laboratories in the first quarter of year 2024. The soil samples for this test have already been collected and are being processed for distribution to willing laboratories
3. We are planning a training session on the proper use of QC-Charts for quality assurance in soil testing laboratories

- **Main needs of the labs in the country –**

1. We are still trying to harmonize our methodologies by convincing more labs to adopt the GLOSOLAN SOPs
2. We have difficulties with obtaining good quality reagents
3. Maintenance and proper calibration of laboratory equipment is a challenge.



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Thank you

