

FEDERAL UNIVERSITY OF AGRICULTURE, ABEOKUTA.

BIOTECHNOLOGY CENTRE/CENTRAL LABORATORY, FUNAAB



SERVICES AT BIOTECHNOLOGY CENTRE, FUNAAB.



PLANT BIOTECHNOLOGY LABORATORY

1. DNA/RNA EXTRACTION FROM PLANT MATERIALS (LEAF, SEED, etc.)
2. POLYMERASE CHAIN REACTION (PCR) AMPLIFICATION USING RAPD AND SSR PRIMERS
3. GEL SCORING AND ANALYSIS
4. SOLUBLE PROTEIN ANALYSIS FROM ANIMAL SAMPLES

EQUIPMENT IN PLANT BIOTECHNOLOGY LABORATORY



Incubator Oven with Shaker



Hot Air Oven



MICROCENTRIFUGE



GEL DOCUMENTATION SYSTEM



Protein Electrophoresis Unit



DNA/RNA Electrophoresis Unit



Autoclave



PCR Work Station



Cell Colony Counter



Microscopes



Micro-Centrifuge



PCR Thermal Cycler



PCR Machines



Digital PCR Machine