

REPUBLIC OF RWANDA



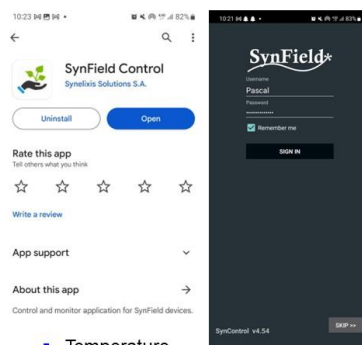
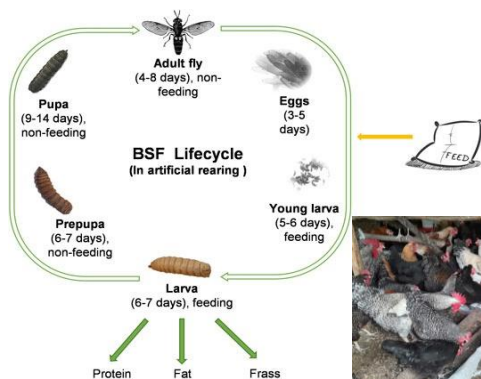
RWANDA AGRICULTURE AND ANIMAL
RESOURCES DEVELOPMENT BOARD



Demonstration of Livestock Farming Studies with BSF Larvae Protein and Associated IoT Devices

Promotion of One Health sustainability partnership between EU-Africa through demonstration

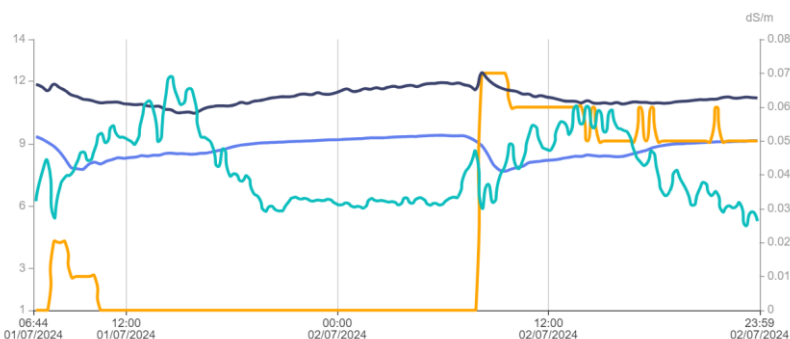
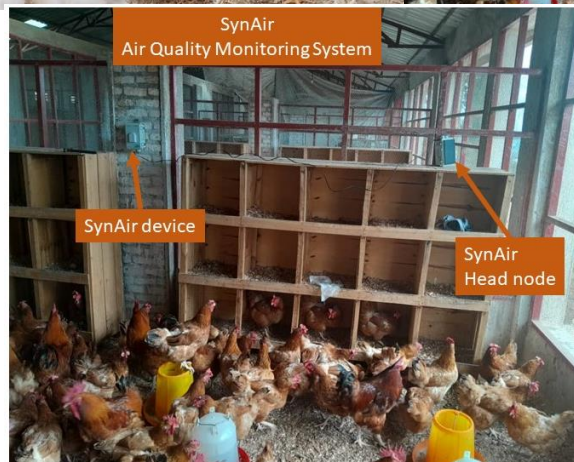
Demonstration trial (Layer, Broiler, and Duo-purpose chicken) - Muhanga RAB station



- Temperature
- Relative humidity
- Ammonia (NH4)
- Suspended particles (PM1.0, PM2.5, PM4, PM10)
- CO2

SYSTEM INFORMATION	
Serial number	763501100035953
Firmware version	9.87
CONNECTOR 8d: synAir: 6 I2C, with fan (press for initial pre-I	
Value	co2 = 248.0
Value	temp = 32.42
Value	rh = 45.41
Value	pm1 = 21.0
Value	pm2 = 23.0
Value	pm4 = 23.0
Value	pm10 = 23.0
Value	nh3 = 1.0
Value	
Value	
INTERNAL SENSORS	
Battery	3.88 V
Temperature	30.3 C
Current	0.0 mA
Multi-line	0.0 V

- HN-035842 (Connector 8d) - pH ● HN-035842 (Connector 8d) - Electrical conductivity (dS/m)
- HN-035842 (Connector 8d) - Oxidation reduction potential (ORP) (mV) ● HN-035842 (Connector 8d) - Dissolved oxygen (DO) (mg/L)



Duration
October 2022 — September 2025

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