Biosecurity for Disease Prevention

Safeguarding Poultry Health

The "Biosecurity for Disease Prevention" technology involves practices and strategies in poultry farming to prevent disease spread. It focuses on three main elements: isolation, traffic control, and sanitation, along with training for farmers and workers. This technology emphasizes early disease detection and diligent surveillance to minimize impact. Biosecurity is crucial througho…

Key elements of biosecurity on a poultry farm

This technology is TAAT1 validated.

8•7 Scaling readiness: idea maturity 8/9; level of use 7/9

Gender assessment 4

Climate impact 7

Problem

- High risk of disease introduction and transmission due to large, concentrated bird populations.
- Diseases can cause mass culling and significant economic losses.
- Effective strategies are needed to prevent disease transmission.
- Certain diseases, like Salmonella and Avian Influenza, also threaten human health.

Solution

Biosecurity for Disease Prevention offers a comprehensive solution:

- It includes preventative measures like isolation, traffic control, and sanitation.
- Emphasizes diligent surveillance for early disease detection to reduce impact and spread.
- Promotes training for poultry farmers and workers to highlight the importance of biosecurity for health and profitability.
- Applies biosecurity measures at all stages of the poultry value chain, from breeding to processing.
- Protects against various poultry pathogens, addressing threats to both poultry and human health.

ROI: $$$ **50 %**

Veterinary costs reduced

0.036—0.076 USD

Materials per birds

ILRI
INTERNATIONAL LIVESTOCK RESEARCH INSTITUTE

International Livestock Research Institute (ILRI)
Adeniyi Adediran

Technology originally documented by

ProPAS

Commodities

Poultry

Sustainable Development Goals

3 GOOD HEALTH AND WELL-BEING
5 GENDER EQUALITY
8 DECENT WORK AND ECONOMIC GROWTH
12 RESPONSIBLE CONSUMPTION AND PRODUCTION

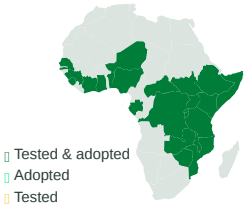
Categories

Production, Practices, Pest management

Best used with

- Universal Vaccination against Newcastle Diseases ›
- Value Addition to Poultry Manure ›

Tested/adopted in



Where it can be used

This technology can be used in the colored agro-ecological zones.