



HOW SIMPLE BIOSECURITY MEASURES CAN CHANGE A FARMER'S LIFE

FAO Viet Nam's Emergency Centre for Transboundary Animal Diseases (ECTAD) and the Department of Livestock Production (DLP) of Ministry of Agriculture and Rural development (MARD) developed basic biosecurity standards for small and medium scale parent flock farms and hatcheries under the project funded by the United States Agency for International Development (USAID). By implementing these simple measures at twelve pilot farms in Quang Tri and Can Tho Provinces, farmers experienced an impressive change in their businesses and working environment while protecting their flocks against diseases including Avian Influenza.



Parent Flock Farm Owner

Name: Mr. Son
Number of Parent flock: 850 laying ducks
Project period: 5 months

Hatchery Owner

Name: Ms. Bich
Hatchery Capacity: 75 000 fertile eggs/month
Project Period: 3 months



Applied Measures

- Separate flocks from the farmer's living area
- Introduce new feeders and optimize feeding
- Provide clean drinking water
- Keep the floor and litter dry
- Build new nests with good quality straw

Gained Benefits

- 2 034 US\$** of extra income
- Egg productivity increased by 10%** (7500 extra eggs)
- Cracked and dirty eggs reduced by 5%**, resulting in increased hatchability
- Quality of day old ducklings increased**
- Daily work hours reduced** through the use of improved practices
- Better working conditions with **less smell** and **cleaner environment**

Applied Measures

- Separate owner living area and the hatchery
- One way movement:** Separate incubation, hatching and bird delivery areas
- Change slippers and wash hands before entering and after leaving the hatchery
- Properly clean incubators, hatching and bird delivery areas
- Fumigate eggs before setting into incubators

Gained Benefits

- 1 457 US\$** of extra income
- Hatchability increased by 3.4%**
- Survival rate** of ducklings increased during the first week after hatching
- Greater customer satisfaction with products = **better hatchery reputation and business**
- Simple and efficient work routine** from **one way movement**
- Better working conditions from **less smell** and **cleaner environment**