

HOW SIMPLE BIOSECURITY MEASURES CAN CHANGE A FARMER'S LIFE

FACTSHEET

ECTAD Emergency Centre for Transboundary Animal Diseases

Viet Nam

The Emergency Centre for Transboundary Animal Diseases (ECTAD) of FAO Viet Nam 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 OSRO/RAS/604/ USA project funded by 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.



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Food and Agriculture Organization of the United Nations



Parent Flock Farm Owner

Name: Mr. Hoang Xuan Son
Number of Parent flock: 1000 laying ducks
Project period: 5 months

Hatchery Owner

Name: Mrs. Doan Thi Ngoc Bich
Hatchery Capacity: 25000 fertile eggs/month
Project Period: 3 months



Applied Measures

Separate flocks from the farmer's living area

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Introduce new feeders and optimize feeding

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Provide clean drinking water

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Keep the floor and litter dry

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Build new nests with good quality straw

Gained Benefits

\$2750 USD 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

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One way movement:
Separate incubation, hatching and bird delivery areas

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Change slippers and wash hands before entering and after leaving the hatchery

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Properly clean incubations, hatching and bird delivery areas

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Fumigate eggs before setting into incubations

Gained Benefits

\$1457 USD 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**