PRODUCTIVITY, EGG WEIGHT, EGG YOLK COLOR, AND HATCHABILITY OF EGG FROM CROSSBRED MOJOSARI DUCK AND ALABIO DUCK

Abstrak:

ABSTRACT
The aims of Science and technology for society (IbM) on duck farms UMKM is to solve the problems in many farmers that still maintain the local breed which produce only 100-120 eggs/year, still unfamiliar duck "MA", egg hatchability 50-65%, the size of duck eggs is 45-55 grams/egg and egg yolks colored pale causing low sale value, and still lack of knowledge in management maintenance and duck diseases. IBM program involving undergraduate students as the reason of imbalance between a number of high bachelor degree with self-quality causing not ready graduates, these will increase unemployment bachelor and feared as "Nyrimpeti" farm development. Students are expected to become new entrepreneurs with competence and new innovative employment.

The main objectives from IbM programme on UMKM duck farms are: 1) crossbreed between males and females ducks Mojosari alabio 2) increased production of "MA" duck eggs 3) Improving egg hatchability 4) Mixed feed using shrimp shells to produce redish yolk 5) reduce the mortality and 6) egg product diversification.

The results indicated that the crossbreed outcome from Mojosari duck with Alabio duck is "MA" ducks with specification (1) 250-320 egg production of egg/tail/year and 1.3 to 1.5 kg duck body weight and eggs weighing 68-80 grams/egg (2) egg hatchability 90.67% (3) shrimp shells scalp causes redish egg yolk (4) mortality <1%.

It is suggested that IbM should be held continuously to improve duck population by involving undergraduate students and government institute.

Keyword:
crossbreeding, "MA" duck, shrimp shells scalp, hatchery machine, product diversification

Daftar Pustaka: