

P R O J E C T 2

Subject : **Livestock Production Economic, English Class**
Venue : Friday, 24 March 2017
Type : Take Home
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Suppose “Springer” farming produced periodically 2000 birds with 1.5Kg of broiler Live Body Weight (LBW), and IDR .20,000 per Kg LBW. The expenses data includes:

- a. Concentrate Feed Cost : IDR. 39.600.000,-
- b. Variable costs (**excluded** Concentrate feed cost) : IDR 20,400,000,-
- c. Fixed Cost : IDR 3,000,000,-

Questions:

1. If Variable Cost (VC) is **Feed Concentrate only**, calculate the following Break Even Point (BEP) value:

A.1. How much IDR are **minimal Revenue per farm (TR BEP)**? Explain it!!

a.2. How many broilers are **minimally produced** to cover per farm production costs?

a.3. How much Rupiah are **minimal Revenue per bird** to meet its production cost?

a.4. How much Rupiah are **minimal Revenue per Kg broiler LBW** to fulfil its production cost? Explain it!!

b. This farming expected to obtain **IDR 10,000,000 of profit**, please calculate:

b.1. How much Rupiah is minimal Revenue per farm to cover its production cost? Explain it!

b.2. How many broilers are **minimally produced** to meet per farm production costs?

c. Compute MOS **per bird revenue** (both in IDR and percentage)? Explain it!!

2. If the farm used the **whole Variable Costs (VC)**, calculate BEP value below:

a.1. How much IDR are **minimal Revenue per farm (TR BEP)**? Explain it!!

a.2. How many broilers are **minimally produced** to cover per farm production costs?

a.3. How much Rupiah are **minimal Revenue per bird** to meet its production cost?

a.4. How much Rupiah are **minimal Revenue per Kg broiler LBW** to fulfil its production cost? Explain it!!

b. This farming expected to obtain **IDR 10,000,000 of profit**, please calculate:

b.1. How much Rupiah are **minimal Revenue per farm** to cover its production cost?
Explain it!

b.2. How many broilers are **minimally produced** to meet per farm production costs?

c. Compute MOS **per bird revenue** (both in IDR and percentage)? Explain it!!