

BODY WEIGHT ESTIMATION IN GOATS

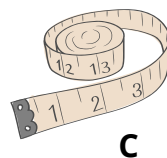
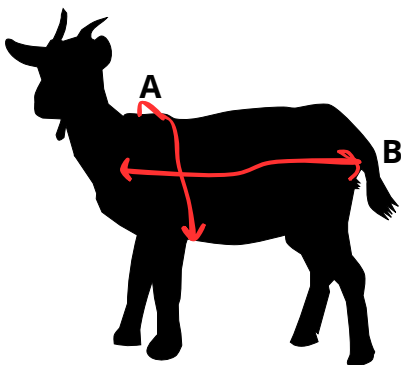
By: Siti Aisyah Sidik

Body Weight Measurement

When the weighing scale does not exist, the estimation of the body weight of the goat can be done using the measuring tape. For example, using measuring tape is quite practical in the paddock without bringing the heavy weighing scale when medication dose info is needed.

The Formula

**Heart girth (inch) x heart girth (inch) x body length (inch) / 300
= Body weight (pound)**



A (Heart girth) : Circumference measurement is located behind the withers (top) and elbow(bottom).

B (Body length): Measure from shoulder to pint bone (flat)

C (Measuring tape): Weight in pounds will be converted into kg.

Purpose

- Dosage of medication
- Balance ration
- Body weight monitoring
- Kid or Capretto selling purpose

Calculation

Example= 25 inch x 25 inch x 22 inch/300
= 45. 83 pound(lb)
Convert to kg = 45.83 lb/ 2.2046
= 20.79 kg