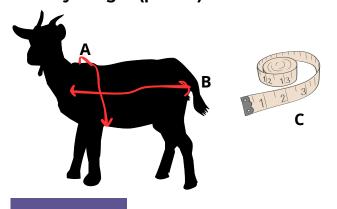
# RL31103 SMALL RUMINANTS PRODUCTION BODY WEIGHT ESTIMATION IN Fakulti Pertanian Lestari By: Siti Aisyah Sidik

# **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

References: Washington State University. Ferry County. Heart Girth and Weight. https://extension.wsu.edu/ferry/heart-girth-and weight/ Acces on 15 September 2020. Verified on 20 October 2020.