

ABSTRACT

SELECTION OF GRADE 1 AND 2 OF DOE BOER GOAT BASE ON MOST PROBABLE PRODUCING ABILITY VALUE FOR SIX MONTH KID WEIGHT IN SUMBEREJO DISTRICT

Oleh

FITRI YUWANDA

This aim to determine the value of MPPA of G1 and G2 Boerawa Goat base on 6 month from each doe, compare MPPA value of G1 and G2 6 month Boerawa weight, and select a number of does of G2 Boer base on replacement stock value in Sumberejo District, Tanggamus Regency. The research is held by surveying with purposive sampling method. The used matter in the research is records of 30 tail G1 and 30 tail G2 doe Boerawa in Karya Makmur (kelompok tani) I, II, and Pelita Karya III in Wonoharjo Village, Sumberejo District, Tanggamus. The observed variables include wean weight, 6 month weight, and the age of does at the first and second births. Analyzed with *t-student distribution test*.

The average weight of G1 6 month Boerawa is corrected ($20,57 \pm 1,12$ kg), and does not significant difference ($P>0.05$) than G2 Boerawa ($22,70 \pm 1,06$ kg). The ripitabilitas value of G1 Boerawa goat (0,29) and G2 (0,33) is being. The results analyzed with *t-student distribution test* is MPPA value G1 (20,57) and G2 (22,70) Boerawa goat also quite same ($P>0.05$). There are 10 G2 Boerawa have the highest MPPA, they are JJ2 (23,49 kg), DD3 (23,42 kg), LL1 (23,40 kg), JJ1 (23,32 kg), BB3 (23,29 kg), GG1 (23,27 kg), AA1 (23,14 kg), EE2 (23,08 kg), AA2 (23,05 kg), and GG2 (23,05 kg).

Keywords: Grade 1 Boerawa, Grade 2 Boerawa, 6 month weight, and MPPA value.