

RINGKASAN

RINA NOOR SYABANIYAH. “Hubungan Bobot Potong dengan Bobot *Non* Karkas Luar Kambing Jawarandu di Rumah Potong Hewan Sokaraja”. Penelitian dilaksanakan di Rumah Potong Hewan Sokaraja Kabupaten Banyumas. Tujuan Penelitian adalah untuk mengetahui hubungan antara bobot potong dengan bobot *non* karkas luar kambing Jawarandu dan mengkaji perbandingan antara bobot potong dengan bobot *non* karkas luar kambing Jawarandu jantan dan betina. Materi penelitian yang digunakan adalah kambing Jawarandu jantan dan betina masing - masing 25 ekor. Peubah yang diamati adalah bobot kepala, bobot kaki bagian bawah, bobot kulit dan bobot potong. Penelitian dilakukan dengan metode survei. Hasil penelitian menunjukkan bahwa rata-ran bobot kepala, bobot kaki bagian bawah, bobot kulit dan bobot potong masing - masing sebesar $1,94 \pm 0,53$ kg, $0,95 \pm 0,19$ kg, $2,13 \pm 0,58$ kg dan $28,72 \pm 6,25$ kg. Hubungan antara bobot potong (Y) dengan bobot *non* karkas luar (X) mengikuti persamaan $Y = 2,641 + 4,645 X_1 + 9,111 X_2 + 3,812 X_3$, sedangkan hubungan antara bobot potong (Y) dengan bobot kepala (X_1), bobot kaki bagian bawah (X_2), dan bobot kulit (X_3) mengikuti persamaan regresi masing - masing $Y = 12,672 + 8,243 X_1$; $Y = 15,153 + 13,891 X_2$; dan $Y = 11,170 + 8,225 X_3$.

Kata Kunci : Kambing Jawarandu, Bobot potong, Bobot *Non* Karkas Luar

SUMMARY

RINA NOOR SYABANIYAH. "Relationship between Slaughter Weight with External Non Carcass Weight of Jawarandu Goat at the Sokaraja Abassoar". The research was conducted at the Slaughter House, Sokaraja, Banyumas. The objective was to determine the relationship between the slaughter weight to External non carcass weight of Jawarandu goats and to examine the ratio between the slaughter weight to External non carcass weight of male and female Jawarandu goats. The research materials used were male and female Jawarandu goats, as many as 25 animals. The variables measured were the weight of the head, the weight of the lower leg, the weight of the skin and the slaughter weight. The research was conducted by survey method. The results showed that the average weight of the head, the average weight of the lower leg, skin weight and slaughter weight were $1,94 \pm 0.53$ kg, $0.95 \text{ kg} \pm 0.19$, 2.13 ± 0.58 kg and $28,72 \pm 6.25$ kg. The relationship between slaughter weight (Y) with external non-carcass weight (X) followed equation $Y = 2.641 + 4.645 X_1 + 9.111 X_2 + 3.812 X_3$. The relationship between slaughter weight (Y) with the weight of the head (X_1), the weight of the lower leg (X_2) and the weight of the skin (X_3) followed a regression equation of $Y = 12.672 + 8.243 X_1$; $Y = 15.153 + 13.891 X_2$; dan $Y = 11.170 + 8,225 X_3$.

Keywords: Jawarandu Goat, slaughter weight, non carcass weights