

**STUDI PERBANDINGAN KARAKTERISTIK SAPI SONOK DAN SAPI
MADURA BETINA DI KABUPATEN SUMENEP
PROPINSI JAWA TIMUR**

Ahmad Jalaludin
99/126280/PT/03764

INTISARI

Penelitian ini bertujuan untuk mengetahui karakteristik eksterior sapi Sonok dan sapi Madura betina di Kabupaten Sumenep. Penelitian ini dilakukan di tiga kecamatan dengan populasi sapi Sonok dan tiga kecamatan dengan populasi sapi Madura betina. Berdasarkan penelitian ini diperoleh identitas untuk peternak sapi Sonok dan sapi Madura betina yang meliputi: umur rata-rata adalah $47,44 \pm 8,57$ dan $46,69 \pm 10,06$ tahun dengan lama beternak rata-rata $17,57 \pm 9,95$ dan $27,64 \pm 12,23$ tahun. Tingkat pendidikan responden adalah sekolah dasar dan mata pencaharian pokok adalah bertani. Karakteristik antara sapi Sonok dan sapi Madura betina menunjukkan persamaan dalam bentuk badan persegi panjang, kondisi tubuh gemuk, dahi sedang, leher pendek, bahu lebar, gelambir melengkung, kaki depan ukuran sedang, dada lebar, rusuk cembung, pantat luas, paha tebal, kaki belakang ukuran sedang. Disamping itu menunjukkan perbedaan dalam hal, untuk sapi sonok adalah: Mulut sedang, mata kecil, muka sempit, telinga kecil, punggung datar, panggul sedang dan paha atas sedang, untuk sapi Madura betina adalah : Mulut lebar, mata sedang, muka sedang, telinga sedang, punggung melengkung, panggul tinggi dan paha atas tebal. Rata-rata ukuran tubuh yaitu panjang badan, tinggi gumba, lingkaran dada, dalam dada, lebar dada dan indeks kepala untuk sapi Sonok berturut-turut adalah (cm) $120,82 \pm 11,83$; $119,21 \pm 7,12$; $148,69 \pm 11,71$; $58,44 \pm 15,91$; $36,77 \pm 14,90$; dan $0,3871 \pm 0,025$ sedangkan untuk sapi Madura betina berturut-turut adalah (cm) $119,01 \pm 7,68$; $113,98 \pm 16,32$; $142,18 \pm 11,71$; $58,06 \pm 2,90$; $35,46 \pm 13,78$; dan $0,3775 \pm 10,025$. Sapi Sonok dan sapi Madura betina rata-rata berumur $3,28 \pm 1,32$ dan $3,97 \pm 10,86$ tahun.

(Kata kunci : Sapi Sonok, Sapi Madura Betina, Karakteristik)

A COMPARISON STUDY ON THE CHARACTERISTICS OF SONOK COWS
AND FEMALE MADURA COWS
IN SUMENEP EAST JAVA

Ahmad Jalaludin
99/126280/PT/03764

ABSTRACT

This research was conducted to investigate the exterior characteristics of Sonok cows and female Madura cows in Sumenep regency. This research was conducted on population of Sonok cows at three subdistricts and on population of female Madura cows at three subdistrict too. The data collected indicated the average age of the breeders of Sonok cows and female Madura cows were 47,4418,57 and 46,69110,06 years respectively, and the average time of breeding experience were 17,5719,95 and 27,64112,23 years respectively. Their education level was elementary school with farming as their main job. There were some similarities between Sonok cows and female Madura cows. They were rectangular and fat body shape, medium forehead, short neck, wide shoulder, bent brisket, medium forelegs, wide chest, convex rib, wide rump, thick thigh, medium back legs. There were also some differences between them. Sonok cows have medium mouth, small eyes, narrow face, small ears, flat back, medium flank, and medium twist. However, female Madura cows have wide mouth, medium eyes, medium face, medium ears, bent back, high flank and thick twist. The average of body length, height of wither, chest circumference, chest depth, chest width and head indexes of Sonok cows were 120,82111,83; 119,2117,12; 148,69111,71; 58,4415,91; 36,7714,90; and 0,387110,025 respectively, and the average of female Madura cows, were 119,0117,68; 113,9816,32; 142,18111,71; 58,0612,90; 35,4613,78; and 0,377510,025 respectively. The average age of Sonok cows and female Madura cows were 3,2811,32 and 3,9710,86 years respectively.

(Key word : Sonok cows, female Madura cows, characteristics)