

**ESTXMASX NATURAL INCREASE KAMBING KACANG
DI KABUPATEN MALUKU TENGGAJRA**

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INTISARI

Penelitian ini bertujuan untuk mengetahui pertambahan secara alami atau *natural increase* ternak kambing Kacang di wilayah Kabupaten Maluku Tenggara. Data diperoleh melalui wawancara langsung dengan 100 responden petani peternak yang terbagi dalam empat kecamatan yakni Elat, Weduar, Kur dan Kei Kecil. Variabel yang diamati meliputi: jumlah betina dewasa, jumlah betina melahirkan, jumlah anak sekelahiran, jarak antara dua kelahiran, angka kelahiran dan kematian ternak kambing. Data ditabulasikan untuk dihitung rata-rata dan standard deviasi. Hasil penelitian diperoleh data sebagai berikut: Umur pertama kali kawin pada jantan $12,87 \pm 1,29$ bulan dan betina $10,78 \pm 1,08$ bulan, lama digunakan dalam *breeding* pada jantan $4,43 \pm 0,44$ tahun dan betina $4,46 \pm 0,45$ tahun. Rata-rata anak sekelahiran $1,57 \pm 1,16$ ekor. Perkawinan kembali setelah melahirkan $3,35 \pm 0,33$ bulan dan S/C $1,72 \pm 0,17$ kali. Jarak antara kelahiran $10,07 \pm 1,01$ bulan. Jumlah betina melahirkan sebanyak 438 ekor. Jumlah betina dewasa sebanyak 586 ekor dan sampel populasi 1958 ekor dengan persentase kelahiran terhadap betina dewasa dan sampel populasi selama setahun sebesar 117,41% dan 41,83%. Persentase tingkat kematian ternak terhadap populasi sebesar 15,09% dan nilai *Natural Increase* sebesar 26,74% per tahun.

(Kata Kunci : *Natural increase*, Kambing Kacang)

**NATURAL INCREASE ESTIMATION OF KACANG GOATS
IN SOUTH-EAST MOLUCCAS REGION**

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ABSTRACT

The goal of this observation was to calculate the natural increase of *Kacang* goats in South-east Moluccas Region. Data were obtained by direct interview with 100 respondent of farmers in four Subdistricts : Elat, Weduar, Kur, and Kei Kecil. The variables to be observed were total number of goats, kidding rate and mortality rate. The result was that age of first mating for doe was $12.87 \pm 1,29$ months and for buck was $10.78 \pm 1,08$ months. Buck was used for breeding for $4.43 \pm 0,44$ years, while doe for $4.46 \pm 0,45$ years. The average of litter size was $1.57 \pm 1,16$ kids. The duration of post partum mating was $3.35 \pm 0,33$ months and S/C $1.72 \pm 0,17$. The kidding interval was $10.07 \pm 1,01$ months. The total number of doe giving birth were 438. The total number of adult females was 586 and the total number of samples was 1958 animals with 117,41% for doe population and 41,83% for population sample in a year. Mortality of population was 15,09% and natural increase of goats 26,74% in a year.

(Key Words: Natural Increase, *Kacang* Goat)