

ABSTRAK

ESTIMASI OUTPUT KAMBING PERANAKAN ETAWA (PE) DI DESA SUNGAI LANGKA KECAMATAN GEDONG TATAAN KABUPATEN PESAWARAN

Oleh

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Penelitian ini bertujuan untuk mengetahui nilai *Natural Increase* (NI), *Net Replacement Rate* (NRR), dan Estimasi *Output* Kambing Peranakan Etawa (PE) di Desa Sungai Langka, Kecamatan Gedong Tataan, Kabupaten Pesawaran. Materi penelitian yang digunakan berupa 21 orang peternak dan 85 ekor kambing PE. Penelitian ini dilakukan pada Mei sampai dengan Juni 2022 dengan metode survey dan pengambilan data secara *purposive sampling*. Peubah yang diamati adalah identitas peternak, jumlah ternak kambing PE melahirkan selama setahun, jumlah kelahiran cempes jantan dan betina, jumlah ternak kambing PE mati selama setahun, manajemen pemeliharaan, dan lama penggunaan ternak dalam populasi. Hasil penelitian menunjukkan bahwa nilai NI kambing PE di Desa Sungai Langka sebesar 25,88%, nilai NRR kambing PE jantan 167,04% dan kambing PE betina 136,32%, nilai *output* kambing PE di Desa Sungai Langka sebesar 23,52%. Simpulan yang didapatkan adalah estimasi *output* Kambing PE di Desa Sungai Langka termasuk dalam kategori tinggi, sehingga perlu dipertahankan. Desa Sungai Langka berpotensi untuk dijadikan sumber pembibitan kambing PE di wilayah Kabupaten Pesawaran.

Kata kunci : *Natural Increase*, *Net Replacement Rate*, *Output* Kambing PE

ABSTRACT

ESTIMATION OF OUTPUT ON PERANAKAN ETAWA (PE) GOAT IN SUNGAI LANGKA VILLAGE GEDONG TATAAN DISTRICT PESAWARAN REGENCY

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This study aimed to determine the value of Natural Increase (NI), Net Replacement Rate (NRR), and Peranakan Etawa (PE) Goat output in Sungai Langka Village, Gedong Tataan District, Pesawaran Regency. The research observed used were 21 farmers and 85 PE goats. This research was conducted from May until June 2022 with a survey method and data collection by purposive sampling. The observed variables were farmer identity, a number of goats giving birth for a year, the number of lambs male and female births, the number of PE goat dying for a year, maintenance management, and length of use of livestock in the population. The result of this research showed that the NI value of PE goat in Sungai Langka Village was 25,88%, NRR value of male PE goat 167,04% and female PE goat 136,32%, output value PE goat in Sungai Langka village was 23,52%. The conclusion of this research was that estimation output PE goat in Sungai Langka village included in the high category, so it needs to be maintained. Sungai Langka Village has the potential to be used as a source of PE goat breeding in the Pesawaran Regency area.

Key words: Natural Increase, Net Replacement Rate, Output PE goat