

ABSTRAK

ESTIMASI *OUTPUT* KAMBING JAWARANDU DI DESA GIHAM SUKAMAJU KECAMATAN SEKINCAU KABUPATEN LAMPUNG BARAT

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Penelitian ini bertujuan untuk mengetahui nilai *Natural Increase* (NI), *Net Replacement Rate* (NRR), dan Estimasi *Output* kambing Jawarandu di Desa Giham Sukamaju, Kecamatan Sekincau, Kabupaten Lampung Barat. Materi penelitian ini menggunakan data 25 orang peternak dan 130 ekor kambing Jawarandu. Penelitian ini telah dilaksanakan pada Februari 2025 dengan metode survei. Peubah yang diamati adalah profil peternak, jumlah kelahiran cewe jantan dan betina, jumlah ternak mati selama setahun, manajemen pemeliharaan, dan lama penggunaan ternak dalam populasi. Hasil penelitian menunjukkan bahwa nilai NI kambing Jawarandu di Desa Giham Sukamaju, Kecamatan Sekincau, Kabupaten Lampung Barat sebesar 28,46%, nilai NRR kambing Jawarandu jantan sebesar 218,80%, nilai NRR kambing Jawarandu betina sebesar 138,40%, dan nilai estimasi *output* sebesar 33,08%. Besarnya nilai *output* kambing Jawarandu ini menjadikan Desa Giham Sukamaju berpotensi menjadi sumber ternak kambing Jawarandu sebagai ternak pedaging dan pembibitan di wilayah Lampung Barat.

Kata kunci: *Natural Increase* (NI), *Net Replacement Rate* (NRR), dan Estimasi *Output* kambing Jawarandu.

ABSTRACT

ESTIMATION OF JAWARANDU GOAT OUTPUT IN GIHAM SUKAMAJU VILLAGE, SEKINCAU DISTRICT, WEST LAMPUNG REGENCY

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This study aims to determine the value of Natural Increase (NI), Net Replacement Rate (NRR), and Estimated Output of Jawarandu goats in Giham Sukamaju Village, Sekincau District, West Lampung Regency. The research material used was data from 25 farmers and 130 Jawarandu goats. This research was conducted in February 2025 using a survey method. The variables observed were farmer profiles, the number of male and female goat births, the number of livestock deaths during a year, maintenance management, and the length of use of livestock in the population. The results showed that the NI value of Jawarandu goats in Giham Sukamaju Village, Sekincau District, West Lampung Regency is 28.46%, the NRR value of male Jawarandu goats is 218.80%, the NRR value of female Jawarandu goats is 138.40%, and the estimated output value is 33.08%. The large output value of Jawarandu goats makes Giham Sukamaju Village a potential source of Jawarandu goats as meat and breeding livestock in the West Lampung region.

Keywords: Natural Increase (NI), Net Replacement Rate (NRR), and Estimation of Jawarandu Goat Output.