PENGARUH DAUN TURI (Sesbania grandiflora) DAN LAMTORO (Leucaena leucocephala) DALAM RANSUM SAPI BERBASIS INDEKS SINKRONISASI PROTEIN - ENERGI TERHADAP SINTESIS PROTEIN MIKROBA RUMEN

Title	PENGARUH DAUN TURI (Sesbania grandiflora) DAN LAMTORO (Leucaena leucocephala) DALAM RANSUM SAPI BERBASIS INDEKS SINKRONISASI PROTEIN - ENERGI TERHADAP SINTESIS PROTEIN MIKROBA RUMEN
Author Order	3 of 3
Accreditation	
Abstract	An experiment was aimed to assess the use of the legume leaf as a source of protein feedstuff and levels of synchronization protein-energy (SPE) index in the diet of cattles on ammonia (N-NH3) and microbial protein synthesis (MPS). In vitro techniques was done. The research was used a completely randomized design (CRD), with factorially pattern (2x3), the first factor was the two species of legume (Sesbania leaves and Leucaena leaves) and the second factor was the three level of the SPE index (0.4, 0.5, and 0.6), there were 6 treatment combinations and each was 4 replicates. The results showed that no interaction between legume with SPE index, but each factor was significantly effect (P<0.05) on N-NH3 of rumen fluid and MPS. The research concluded that Leucaena leaf is a legume that is better than Sesbania leaf in terms of their ability toincrease MPS. SPE index is the best in producing MPS at level 0.6. Key words: Legume, synchronization of protein and energy index, ammonia, microbial protein synthesis
Publisher Name	Udayana University
Publish Date	2019-01-11
Publish Year	2017
Doi	DOI: 10.24843/Pastura.2017.v06.i02.p01
Citation	
Source	Pastura : Jurnal Ilmu Tumbuhan Pakan Ternak
Source Issue	Vol 6 No 2 (2017): Pastura Vol. 6 No. 2 Tahun 2017
Source Page	47 - 52
Url	https://ojs.unud.ac.id/index.php/pastura/article/view/45422/27533
Author	Dr WARDHANA SURYAPRATAMA, M.S