

#### DAFTAR PUSTAKA

- Allison, M.J. 1993. Microbiology of the Rumen and Small an Large Intestine. dalam : Duke's physiology of Domestic Animals. Eleventh edition. Cornel University Press. Ithaca. London. p. 426.
- Anggorodi, R., 1980. Ilmu Makanan Ternak Umum. PT Gramedia. Jakarta. pp. 185-186.
- Arora, S.P. 1995. Pencernaan Mikrobial Pada Ruminansia. Gadjah Mada University. Yogyakarta. pp. 24-25.
- Astuti, M. 1980. Rancangan Percobaan dan Analisis Statistik. Fakultas Peternakan, Universitas Gadjah Mada Yogyakarta. pp. 38-40.
- Bogdan, A.V. 1977. Tropical Pasture and Fodder Plants. Published in The United State of America, by Longman Inc., New York. pp. 16-17.
- Bondi, A.A. 1987. Animal Nutrition. First Published. Magnes Press The Hebrew. English edition by John Wiley and Sons Ltd. pp. 156-158.
- Cahyono, E.W. 1994. Pengaruh Pakan Berserat dari Jerami Terhadap Karakteristik Biokimia Cairan Rumen Ternak Ruminansia. Tesis S-2. Program Pascasarjana. Universitas Gadjah Mada. Yogyakarta. Pp. 156-158.
- Church, D.C. 1988. Carbohydrate nutrition of ruminants. In: Ruminant Digestive Physiology and Nutrition, Prentice Hall. Englewood Cliffs. New Jersey. pp. 276-277.
- Chuzaimi, S. 1994. Potensi Jerami Padi sebagai Pakan Ternak Ditinjau dari Kinetika Degradasi dan Retensi Jerami di dalam Rumen. Disertasi S-3. Universitas Gadjah Mada. Yogyakarta. pp. 26-28.
- Crowder, L.V. and Chheda. 1982. Tropical Grassland Husbandry, 1<sup>st</sup> Published. USA. Longman Inc. New York. pp. 360-361.

- Harris, L.E. 1970. Nutrition Researches Techniques for Domestic and Wild Animal. Volume 1. Animal Science. Departement Utah State University, Logan Utah.
- Hartadi, H., S. Reksohadiprodjo dan A.D. Tillman. 1997. Tabel Komposisi Pakan untuk Indonesia, Cetakan Ke-4. Gadjah Mada University Press, Yogyakarta.
- Hume, I.D. 1982. Digestion and protein metabolism. In: H.L. Davies (ed), A Course Manual In Nutrition and Growth. Australian Universities International Development Program (AUIDP), Melbourne, p. 31, 42
- Hungate, R.E. 1966. The Rumen and its Microbes. Academic Press. New York. pp. 300-302.
- Irrianta, E. 1997. Pengaruh Penambahan Konsentrat pada Pakan Basal Jerami Padi terhadap pH, aktivitas hemiselulolitik & protein mikrobial pada Kerbau dan Domba. Skripsi S-1. Fakultas Peternakan UGM. Yogyakarta.
- Kabirun, S. 1990. Biodegradasi Limbah Berselulosa. Kumpulan Bahan Kuliah Kursus Singkat Ekologi Mikrobial. PAU. Bioteknologi. Universitas Gadjah Mada. Yogyakarta.
- Kamal, M. 1994. Nutrisi Ternak 1. Fakultas Peternakan Universitas Gadjah Mada. Yogyakarta. p. 149.
- Komar, A. 1984. Teknologi Pengolahan Jerami sebagai Makanan Ternak. Yayasan Dian Grahita Indonesia. Bandung, pp. 16-25.
- Lubis, D.A. 1992. Ilmu Makanan Ternak. PT. Pembangunan. Jakarta, p. 89.
- Martoharsono, S. 1986. Biokimia Jilid 1. Gadjah Mada University Press, p. 81.
- McDonald, P., R.A. Edwards, J.F.D. Greenhalgh, C.A. Morgan. 2002. Animal Nutrition. 6<sup>th</sup> Ed. Longman. London, pp. 163, 188-189, 464.

- McDougall, E.I. 1948. Studies of Ruminant Saliva 1. The Composition and Output of Sheep Saliva. *Biochemistry Journal* 43: 99-109.
- Merchen, N.R. 1979. Digestion, absorbtion, and excretion in ruminant. In: *Ruminant Animal Digestive Physiology and Nutrition*. Prentice Hall. New Jersey, pp. 172-199.
- Minson, D.J. and M.N. McLeod. 1978. The accuracy of the pepsin cellulose techniques estimating the Dry matter digestibility in vivo of grasses and legumes. *Animal Feed Sci. Technologi* 3:725-729.
- Moat, A.G. and J.W. Foster. 1988. *Microbial Physiology*. 2<sup>nd</sup> Edition. John Wiley and Sons Inc. New York
- Muller, Z.O. 1974. *Livestock Nutrition in Indonesia*. United Nation Development Program. Food and Agriculture Organization of United Nation, Rome.
- Murtidjo, B.A. 1992. *Memelihara Kerbau*. Kanisius. Yogyakarta. pp.17-18.
- NRC. 1988. *Nutrient Requirement of Dairy Cattle*. 6<sup>th</sup>. Revised Edition National Academy of Science. Washington D.C. pp. 89-107.
- Omed, H.M., D.K. Looft, and R.F.E. Axford. 2000. Faeces as a source of microbial enzymes for estimating digestibility. In: *Forage Evaluation In Ruminant Nutrition*. C.A.B.I. Publishing. New York. pp. 135-150.
- Orskov, E.R. 1992. *Protein Nutrition in Ruminants*. Second Edition. Academic Press. London, pp. 21-25.
- Owens, F. N. and A. L. Goetsch. 1988. Ruminant Fermentation, In: D.C. Church (ed) *The Ruminant Animal Digestive, Physiology and Nutrition*. A Reston Book, Prentice Hall, Englewood Cliffs, New Jersey.
- Owens, F.N. and R. Zinn. 1988. Protein metabolism of ruminat animals. In: D.C. Church (ed), *The*

Ruminant Animal Digestive, Physiology, and Nutrition. A Reston Book, Prentice Hall, Englewood Cliffs, New Jersey. pp. 227-268.

Palliwal, V.K. and V. Sagar. 1990. Effect of Dietary Fibre on Rumen Microbial Fermentation in Cattle and Buffalo. J.Anim. Sci. 60:66-70.

Poedjiadi, A. 1994. Dasar-dasar Biokimia. Universitas Indonesia. Jakarta.

Ranjhan, S.K. 1981. Animal Nutrition and Feeding Practice In India. Vikas Publishing House PVT Ltd., New Delhi. pp. 43-48.

Schneider, B.H. and W.P. Flatt. 1975. The Evaluation of Feeds Through Digestibility Experiment. The University of Georgia Press, Athens.

Shuller, M.C. 1980. Utilization and Recycle of Agricultural Waste and Residues. Crc Press. Inc Boca Raton. Florida

Soedomo-Reksohadiprodjo. 1985. Produksi Tanaman Hijauan Makanan Ternak Tropik. Edisi Revisi. Cetakan Ke-2. BPFE, Yogyakarta. pp.121-122.

Soejono, M., E.S. Soetarto, R. Utomo, P. Basuki dan Harsoyo. 1989. Amoniasi Urea Jerami Padi Terhadap Kotoran Sapi Untuk Produksi Gas Methan. Laporan Penelitian PAU Bioteknologi, Universitas Gadjah Mada, Yogyakarta.

/ Suharsono, 1990. Enzimologi. PAU Pangan dan Gizi. Universitas Gadjah Mada. Yogyakarta. p. 52.

Sutardi, T. 1980. Peningkatan mutu hasil limbah pertanian lignoselulosa sebagai makanan ternak. Jurusan Ilmu Nutrisi dan Makanan Ternak. Fakultas Peternakan. IPB.

Tillman, A.D., H. Hartadi, S. Reksohadiprodjo, S. Prawirokusumo, S. Lebosoekojo. 1991. Ilmu Makanan Ternak Dasar Cetakan ke-5. Gadjah Mada University Press, Yogyakarta. pp. 180-181.

- Van Soest, P.J. 1994. Nutritional Ecology of The Ruminant, 2<sup>nd</sup> Edition. Cornell University Press, Ithaca and London. pp. 11-12.
- Volk, W.A. and M.F. Wheeler. 1988. Mikrobiologi Dasar edisi ke-5. Editor S. Adi Soemarto. Penerbit Erlangga. Jakarta. p. 69.
- Widyobroto, B.P., S. Padmowijoto dan R. Utomo. 1995. Degradasi Bahan Organik dan Protein Secara *In Sacco* Lima Rumpuk Tropik. Buletin Peternakan. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta. 19:45-55.
- Williamson, A.G. and W.J.A. Payne. 1978. An Introduction to Animal Husbandry in the Tropics. 3<sup>rd</sup> ed. Longman. Group Limited. London. pp. 419-420.