

DAFTAR PUSTAKA

- Akin, D.E. and L.L. Rasby. 1987. Mixed Fungal Population and Lignocellulolytic Tissue Degradation in The Bovine Rumen. *Appl. Microbiol.* 53; 1987-1995.
- Anonymus, 1996. *From Feed to Milk; Understanding Rumen Function*. Pens State Cooperative Extension, Pennsylvania State University.
- Arora, S. P. 1989. *Pencernaan Mikrobial Pada Ruminansia*. Gadjah Mada University Press, Yogyakarta.
- Astuti, J. M. 1981. *Rancangan Percobaan dan Analisa Statistik I*. Fakultas Peternakan Universitas Gadjah Mada, Yogyakarta.
- Bachrudin, Z. 1992. Aplikasi Enzim Dalam Bioteknologi Pertanian. *Buletin Peternakan Edisi Khusus*, 221 – 232. Fakultas Peternakan, Universitas Gadjah Mada, Yogyakarta.
- Bachrudin, Z. Widyantoro, L. M. Yusiati, R. Utomo dan W. Asmara, 1996. Manipulasi Mikrobial Rumen Kerbau dan Aplikasinya Pada Peningkatan Kualitas dan Kuantitas Produksi Temak Ruminansia Dalam Pemanfaatan Pakan Serat. *Laporan Penelitian Hibah Bersaing II/3 Perguruan Tinggi*.
- Bisaria, V. S. dan T. K. Ghose. 1981. Biodegradation of Cellulolytic Materials, Substrates Microorganismes, Enzymes and Product Enzymes, In; *Microbial Technology*, 3:40-104.
- Church, D. C. and Pond, W. G. 1982. *Basic Animal Nutrition and Feeding*. 2nd ed. Jhon Willey and Sons. New York.
- Church, D. C. 1988. *The Ruminant Digestive Physiology and Nutrition*. Prentice Hall Englewood Cliffs. New Jersey.
- Enary, T. M. 1983. *Microbial Cellulose*. In *Microbial Enzymatic and Biotechnology*. W.M. Fogarty (ed), Applied Science.
- Gil, L. A, R. L. Shinley and J. E. Moore. 1975. Effect of Nutrition Hydroxy Analog On Bacterial Protein Synthesis from Urea and Glucose, Starch Or Cellulose by Rumen Microbes, *In Vitro. J. Anim. Sci.*, 37:159-163.
- Hebraud, E. and J. M. Fevre. 1990. Purification and Characterization of the Specific Glikosidase Hidrolase from the Anaerobic Ruminal Fungus *Neocalimastic Frontalis*. *App.Env.Microbiol.* 56(10) : 3164-3169.
- Hegemeister, H. W. Luppig and W. Koofman. 1981. *Microbial Protein Synthesis and Digestive in the High Yielding Dairy Cow*. In; *Recent Development*

- and Ruminant Nutrition. W. Heresign and D. J. A. Cole (ed), Butterwurths, London.
- Hungate, R. E. 1966. The Rumen and Its Microbes. United Kingdom Edition. Published by Academy Press, London.
- Kuswandi, 1993. Kegiatan Mikrobial Dalam Rumen dan Manipulasinya untuk Menaikkan Efisiensi Temak. Buletin Peternakan, Fakultas Peternakan, Universitas Gadjah Mada. Yogyakarta. 17:72-75.
- Leng, R. A. 1973. Sillen Feature of Digestion of Pasture by Ruminant and Other Herbivores. In : Chemistry and Biochemistry of Herbage. Academy Press, London and New York.
- Lowe, S. E. 1986. The Physiology of Cytology of Anaerobic Rumen Fungus. Master Thesis. Department of Botani, University of Manchester.
- Me Donald, P., R.A. Edword and J.F.D. Greenhalgh. 1982. Animal Nutrition 2nd ed longman. London.
- Orpin, C. G., G. Phazlewpd and S. P. Mann. 1988. Possibilities of Use of Recombinant DNA Techniques With Rumen Microorganism. Anim. Feed Sci. Technology. 21:161.
- Owens, F.N. and W.B. Berger. 1988. Nitrogen Metabolism of Ruminant Animal Historical Porspective Current and Future Implication. J. Anim. Sci. 57; 448-513.
- Owens, R. N. and A. L. Goetsh, 1988. Ruminal Fermentation, In : Church (ed). 1988. The Ruminant Animal Digestive Physiology and Nutrition. Prentice Hall, New Jersey. 145-171.
- Owens, R. N. and R. Zimm. 1988. Protein Metabolism of Ruminant Animals. In : The Ruminant Animal Digestive Physiology and Nutrition. D.C. Church (ed). Reston Book Prentice Hall Englewood Cliffs. New Jersey.
- Parakkasi, A. 1995. Ilmu Nutrisi dan Makanan Temak Ruminansia. Penerbit Universitas Indonesia Press. Jakarta.
- Perry, T. W. 1984. Apml Life Cycle and Nutrition. Academy Press Inc. Orlando, San Diego, San Fransisco, New York, London.
- Plummer, D. T. 1971. An Introduction to Practical Biochemistry. Me Graw Hill Publishing, Co, Ltd. Bombay, New Delhi.
- Schuller, M. L. 1980. Utilization and Recycle Agricultural Waste and Residue. CRC Press Inc. Bocca Rotan, Florida.

- Sudomo Reksohadiprodjo. 1984. Pengantar Ilmu Peternakan Tropik. Edisi IBPFE, Yogyakarta.
- Sutardi, T. 1978. Intensitas Pencernaan Pada Kerbau. Seminar Ruminansia. 24-25 juli 1978. Fakultas Peternakan IPB, Bogor.
- Suttie. J.W. 1977. Introduction of Biochemistry. 2nd. Rinerhart and Winston. New York.
- Suyono, M. 1992. Aplikasi Teknologi di Bidang Pakan dan Nutrisi Temak. Buletin Peternakan. Edisi Khusus. Desember 1992; 57-68.
- Tillman, A. D., H. Hartadi, Soedomo - Reksohadiprodjo, S. Prawirokusumo dan S. Lebdoekotjo. 1991. Ilmu Makanan Temak Dasar. Gadjah Mada University Press, Yogyakarta.
- Van Soest, P. J. 1982. Nutrition Ecology of the Ruminant. Comstock Publish Associated. Cornell University Press, London.
- Wallace, R. J. 1991. Rumen Proteolysis and Its Control. In : Rumen Microbial and Ruminant Digestion. J. P. Joury ed. Inistitute de la Recherche Agronomique. Paris.
- Winugraha, M., Y. Widiawati, P. Pinurbawa, I. Hermawan, L. Budi MS., A. Tholib dan M. Sabrani. 1993. Peningkatan Aktivitas Fermentasi Mikrobial Rumen dan Perbaikan Bobot Badan Domba Melalui Pengontrolan Populasi Protozoa dengan Klerak (Sapindus rorak). Balai Penelitian Ternak, Ciawi, Bogor.
- Widyantoro, R. Utomo, M. Soeyono. 1987. Studi Penggunaan Kertas Sumber Glukosa untuk Sintesis Protein Mikrobial In Vitro. Dalam: M. Soeyono, A. Musorie, M. Utomo, N. K. Wardani and J. B. Schiere (ed) Preceding Limbah Pertanian Sebagai Pakan dan Manfaat Lainnya.
- Yokoyama, M. Y. and K. A. Johnson, 1988. Microbiology of the Rumen and Intestinum. In. Church (ed). 1988. The Ruminant Animal Digestive Physiology and Nutrition. Prentice Hall, New Jersey, 135-144.