

## DAFTAR PUSTAKA

- Agus, B. M. 1992. *Kambing Sebagai Ternak Potong dan Perah*. Kanisius, Yogyakarta.
- Akers R.M dan Michael D. 2008. *Anatomy dan Physiology of Domestic Animals*. Blackwell Publishing. Philadelphia. Hal : 142
- Anonim. 1981. *Nutrient Requirements of Goats : Angora, Dairy, and Meat Goats in Temperat and Tropical Countries*. Washington, D.C. : National Academy Press. Hal : 26, 49
- Anwar HM and Piliang WG. 1992. *Biokimia dan Fisiologi Gizi*. Institut Pertanian Bogor. Pusat Antar Universitas Ilmu Hayat. Direktorat Jenderal Pendidikan Tinggi, Departemen Pendidikan dan Kebudayaan.
- Arora S. P. 1995. *Pencernaan Mikroba pada Ruminansia*. Gadjah Mada University Press, Yogyakarta. Hal : 25.
- Baumgartner W and A. Pernthaner. 1993. Influence of Age, Season and Pregnancy Upon Bloodparameters in Austrian Karakul Sheep. *Jurnal Small Ruminant Research. Volume 13, issue 2, march 1994*. Viena Austria. Hal : 147-151.
- Becker N, Kienzle E, Dobenecker B. 2012. Calcium deficiency - a problem in growing and adult dogs. Two case reports. *Jurnal Tierarztl Prax Ausg K Kleintiere Heimtiere*. 24:40 (2). Jerman. Hal : 135
- Boyd J.W. 1984. The Interpretation of Serum Biochemistry Test Results in Domestic Animals dalam *Veterinary Clinical Pathology*, Veterinary Practise Publishing Co, 13 (2). *Merk Veterinary Manual*. 2011.
- Brody T. 1999. *Nutritional Biochemistry*. Second edition. Academic Press. Amsterdam. Hal : 767 - 777
- Brown E.M and Harald J. 2006 Parathyroid Hormone; Synthesis, Secretion and Action. *Jurnal American Asociety for Bone and Mineral Research*. Boston. Hal : 90-96
- Bostrom MP. 2000. *Form and Function of Bone. Orthopaedic Basic Science : Biology and Biomechanics of the Musculoskeletal System*, 2nd edition. The American Academy of Orthopaedic Surgeons, Hal : 324-331, 355.
- Bush R.M. 1991. *Calcium Interpretation of Laboratory Results for Small Animal Clinicians*. Blackwell Scientific Publication. Australia.

- Daramola J O, Adeloye A A, Fatoba T A and Soladoye A O 2005: Haematological and biochemical parameters of West African Dwarf goats. *Jurnal Livestock Research for Rural Development*. Volume 17, Art. #95. Retrieved June 2, 2012, diakses dari <http://www.lrrd.org/lrrd17/8/dara17095.htm>
- Darmono. 1989. Status mineral pada domba di Cirebon dan hubungannya dengan penyakit defisiensi. *Bull. FKH UGM* 9(2): Hal : 16-18.
- Derek, S., Sonny J.R.K., Sunny W. 2007. Kerja Osteoklas pada Perombakan Tulang. *Jurnal BIK Biomed* Vol 3 No 3. Hal : 97- 107 diakses dari <http://isjd.pdii.lipi.go.id/admin/jurnal/330797107.pdf>
- Ensminger M.E. 2002. *Sheep and Goat Science*. Edisi ke enam. Interstate Publishers, Inc. Denville, Illions. Hal : 107-117
- Favus M. J, David A. B and Jacob L.J. 2006. Regulation of Calcium, Magnesium and Phosphate Metabolisme. *Jurnal American Society for Bone and Mineral Research*. New York. Hal : 76 – 83
- Forbes J.M. 2007. *Voluntary food intake And diet selection in Farm animals* Second edition. London : CABI North American Office
- Ganong W.F. editor Widjajakusumah D.H.M., 2005. *Buku Ajar Fisiologi Kedokteran.*, edisi Bahasa Indonesia. EGC: Jakarta
- Guyton A. C and John E Hall. 2006. *Textbook of Medical Physiology*. Eleventh edition. Elsevier Saunders. Hal : 371, 979 – 992
- Haenlein GFW. 1980. Mineral Nutrition of Goats. *Jurnal Dairy Sci* 63:1729-1745.
- Hazewinkel H.A.W, Walter E.V.D.B, Arie TH. V. T. K. G and Ank V. W. 1991. Calcium Metabolism in Great Dane Dogs Fed Diets with Various Calcium and Phosphorus Levels. *Jurnal Nutrition*. Netherland. Hal : 899 diakses dari [jn.nutrition.org](http://jn.nutrition.org)
- Heriyadi D. 2004. *Standardisasi Mutu Bibit Kambing PE*. Kerjasama antara Dinas Peternakan Prov. Jabar dengan Fak. Unpad, Bandung.
- Hoenderop JG. 2005. Calcium absorption across epithelia. *Jurnal Physiol Rev* 85. Hal : 373-422.

- Holick M.F and Michele G. 2006. Vitamin D: Photobiology, Metabolism, Mechanism of Action, and Clinical Applications. *Jurnal American Society for Bone and Mineral Research*. Boston. Hal 106
- Horst R.L. 1986. Regulation of Calcium and Phosphorus Homeostasis in The diary cow. *Jurnal Dairy Science*. 69. Hal : 604-614
- Huang Z, Cheng SL, Slatopolsky E. 2001. Sustained activation of the extracellular signal-regulated kinase pathway is required for extracellular calcium stimulation of human osteoblast proliferation. *Jurnal Biol.Chem*, 10 (abstract).
- Hubert, M.F., Philippe L, Jean P G and Kevin P K. 2000. The Effects of Diet, *ad Libitum* Feeding, and Moderate and Severe Dietary Restriction on Body Weight, Survival, Clinical Pathology Parameters, and Cause of Death in Control Sprague-Dawley Rats. *Oxford Journals Toxicol Sci (2000) 58 (1) : 195-207*. doi:10.1093/toxsci/58/1/195. Department of Safety Assessment, Merck Research Laboratories. Prancis. diakses dari <http://toxsci.oxfordjournals.org/content/58/1/195.full>
- Indah, B. 2009. *Kajian Kualitas Ransum Kambing Peranakan Ettawa di Balai Pembibitan dan Budidaya Ternak Ruminansia Kendal*. Laporan Praktek Kerja Lapangan. Semarang.
- Isbandi, Muchji M, Bambang S and Achmad S. 2001. *Studi Ketersediaan Pakan Kambing pada Agro-Ekosistem yang Berbeda*. Seminar Nasional Teknologi Peternakan dan Veteriner. Balai Penelitian Ternak. Bogor. Hal : 156.
- James G.F *et al*. 2002. *Laboratory Animal Medicine*, second edition. Academic Press. USA. Hal : 528
- Kalu, D. N., Herbert, D. C., Hardin, R. R., Yu, B. P., Kaplan, G., and Jacobs J. W. 1988a. Mechanism of dietary modulation of calcitonin levels in Fischer rats. *J. Gerontol*. 43. Hal : 125–131
- Kalu, D. N., Masoro, E. J., Yu, B. P., Hardin, R. R., and Hollis, B. W. 1988b. Modulation of age-related hyperparathyroidism and senile bone loss in Fischer rats by soy protein and food restriction. *Endocrinology* 122. Hal : 1847–1854
- Kaneko J.J., W. Harvey and M. Bruss. 2008. *Clinical Biochemistry of Domestic Animal*. Edisi ke 6. Academic Press, New York. Hal : 63.
- Kearl, L.C. 1982. *Nutrient Requirements of Ruminants in Developing Countries*. International feedstuffs Institute Utah Agricultural Experiment Station Utah State University. Logan Utah USA.

- Khan, Z. I., Muhammad A., Kafeel A., Ehsan E. V. dan R. Mcdowell. 2009. Mineral Status of Forage and its Relationship with That of Plasma of Farm Animals in Southern Punjab Pakistan. *Department of Biological Sciences, University of Sargodha, Sargodha, Pakistan*. Pak. J. Bot., 41(1). Hal : 67-72
- Kustantinah and Adiwimarta. 2006. *Beternak Kambing*. Penerbit Citra Ajiparama.
- Kusumaningrum B.I. 2009. *Kajian Kualitas Ransum Kambing Peranakan Ettawa Di Balai Pembibitan Dan Budidaya Ternak Ruminansia Kendal*. Laporan Praktek Kerja Lapangan. Universitas Diponegoro. Semarang.
- Lesson ST, Paparo A. 1995. *Buku Ajar Histology*, edisi 5. Alih Bahasa : Jan Tambajong dkk. Jakarta : EGC, Hal : 138-55
- Long D.E., Ullrey., E.R. Miller, B.H. Vincent and C.L. 1965. Phosphorus, Magnesium, Sodium and Potassium Sheep Hematology from Birth to Maturity III. Serum Calcium. *Jurnal Anim SCI*, 24. Hal : 145-150. Diakses dari <http://jas.fass.org/content/24/1/145>
- Manolagas SC. 2000. Brith and Death of Cells: Basic regulatory Mechanism and Implications for the Patogenesis and treatment of Osteoporosis. *Jurnal Endocrine Reviews* 21(2); Hal : 118, 121, 123, 127.
- Marlina N. dan Surayah A. 2004. Komposisi Kimia Beberapa Limbah Pertanian dan Industri Pengolahan Hasil Pertanian. *Jurnal Pusat Penelitian dan Pengembangan Peternakan. Balai Penelitian Ternak Bogor*. Hal : 99 – 103
- McKenzie, JC and Klein EM. 2000. *Basic Concepts in Cell Biology and Histology*. New York : McGraw-Hill. Hal : 174-179, 189
- Mulyono, S. dan B. Sarwono. 2010. *Penggemukan Kambing Potong*. Penebar Swadaya, Jakarta.
- Munawaroh, I F. 2006. *Studi Komparatif Metabolisme Kalsium (Ca) dan Fosfor (P) antara Kambing dan Domba Lokal*. Thesis. Fakultas Peternakan, Institut Pertanian Bogor. Bogor.
- Murtidjo, B.A. 1993. *Kambing sebagai Ternak Potong dan Perah*. Kanisius, Yogyakarta.
- Murray, R.K, Daryl K.G, Peter A.M and Victor W.R. 2003. *Biokimia Harper*. Alih bahasa oleh Andry H. Penerbit Buku Kedokteran EGC. Jakarta. Hal : 539

- National Research Council, 1981. *Nutrient Requirements Of Sheep And Goats*. Diakses dari [www.aces.edu](http://www.aces.edu)
- Nagano, N. 2005. Pharmacological and clinical properties of calcimimetics: Calcium receptor activators that afford an innovative approach to controlling hyperparathyroidism. editor M. Endoh. *Jurnal Pharmacology and Therapeutics*. Volume 109, Issue 3, March 2006. Hal : 339–365. Japan.
- Neto, S.G., L.R. Bezzera, A.N. Meideiros, M.A. Ferreira. E.C. Pimenta Filho, E.P. Candido dan R.L. Oliveira. 2011. Feed Restriction and Compensatory Growth in Guzera Females. *Journal of Animal Science*. Vol 24, No 6. Brazil. Hal : 791-799.
- Nordin, B.E.C.A., Robert P E. 1990. Calcium Supplementation of the Diet Justified by Present Evidence. *British Medical Journal Volume 300*. Hal : 1056-1060
- Parakkasi, A. 1999. *Ilmu Nutrisi dan Makanan ternak Ruminan*. Jakarta: Universitas Indonesia .
- Payne, J.M. and Sansom B.F. 1966. Calcium Metabolism in Normal dan Thyro-Parathyroidectomized Goats. *Jurnal Phy8iol. Britain. (1966), 184*, Hal : 433-443
- Persson, P, Rebecca G. P. and Rolf H. 1992. The effect of high or low dietary calcium on bone and calcium homeostasis in young male rats. *Jurnal Calcified Tissue International. Vulume 52, nomor 6. Sweden*. Hal : 460-464
- Piliang, W.G. dan S. Djojosoebagio.1990. *Fisiologi Nutrisi. Vol 2*. Departemen Pendidikan dan kebudayaan. Direktorat jendral pendidikan tinggi. Pusat Pertanian. Bogor.
- Prabowo, A. 2010. *Budidaya ternak kambing*. Balai Pengkajian Teknologi Pertanian: Sumatera Selatan
- Purnomo, A., Hartatik, Khusnan, S.I.O. Salasia and Soegiyono. 2006. Isolasi dan Karakterisasi *Staphylococcus aureus* Asal Susu Kambing Perah Peranakan Etawa. *Jurnal Media Kedokteran Hewan*. Hal : 22:142.
- Putra, S. and A. W. Puger. 1995. *Manipulasi Mikroba dalam Fermentasi Rumen Salah Satu Alternatif untuk Meningkatkan Efisiensi Penggunaan Zat-zat Makanan*. Fapet, Unud, Denpasar.
- Robinson, D. W. 1977. Livestock in Indonesia, Research Report No. 1. Centre for Animal Research and Development, Bogor.

- Samardzija, M., Tpmislay D. Marija L., Iyica H., Nikica P., Juraj G, Gordana G.G., Vesna Dobranics, Berislay R. dan Drazen D. 2011. Comparison of Blood Serum Macromineral Concentrations in Meat and Dairy Goats During Puerperium. Croatia. *Veterinarski Arhiv* 81. Hal : 1
- Sarwono, B. 2008. *Beternak Kambing Unggul*. Penebar Swadaya. Jakarta.
- Setiawan, T. 2003. *Beternak Kambing Perah PE*. Penebar Swadaya, Jakarta.
- Setiawan, T and Arsa, T. 2005. *Beternak Kambing Perah Peranakan Ettawa*. Penebar Swadaya, Jakarta.
- Sihombing, M.Sc., Ph.D. 2006. *Ilmu Ternak Babi*. Gadjah Mada University Press: Yogyakarta
- Siregar, S.B. 1995. *Sapi Perah, Jenis, Teknik Pemeliharaan dan Analisis Usaha*. Penebar Swadaya, Jakarta.
- Sitepu, R. A. 2008. *Prospek Pengembangan Usaha Ternak Kambing di Kabupaten Karo*. Skripsi. Fakultas Pertanian, Universitas Sumatera Utara. USU Repository ©2009 : 54
- Smith, M.C. and Sherman D.M. 2009 *Goat Medicine*,. Wiley-Blackwell. Philadelphia. Hal : 88–90
- Stelletta, C., M. Gienasella and M. Morgante. 2008. Metabolic and Nutritional Disease. Dalam : Dairy Goats Feeding and Nutrition. Penerjemah : Cannas A. dan G. Pulina, judul buku asli *L'alimentazione delle capre de latte*. CAB International. USA. Hal : 269-271
- Tillman, A.D., H. Hartadi, S. Reksohadiprodjo, S. Prawirokusumo, and S. Lebdosukojo. 1998. *Ilmu Makanan Ternak Dasar*. Edisi IV. Gadjah Mada University Press. Yogyakarta.
- Tompson. C.S, D.P. Mikhailidis., D.S. Gill, J.Y. Jeremy., J.L. Bell dan P. Dandonai. 1989. Effect of Starvation and Sampling time on Plasma Alkaline Phosphatase Activity and Calcium Homeostasis in The Rat. *Jurnal Laboratory Animals Nomor* 23. London. Hal : 53 – 58
- Trinchieri. A. 2005. Bone Mineral in Calcium Renal Stone Formers. *Jurnal Urol Res. No. 33*. Italy. Hal: 247
- Vigorita VJ, Ghelman B. 1999. *Orthopaedic Pathology*. Philadelphia: Lippicott Williams & Wilkins. Hal : 1-19, 23, 29.
- Yafizham. 2006. *Gambaran Kalsium Darah pada Periode Kebuntingan dan Kandungan Kalsium Dalam Susu pada Kambing Peranakan Etawah*. Skripsi. Institut Pertanian Bogor. Hal : 25