

## VI. DAFTAR PUSTAKA

- Agea, J.G., M. J. Kimondo., A. D. Woiso., B. B. Obaa., P. Isubikal., L. B. J. Okullo., J. Obua., J. Hall., and Z. Teklehaimanot. 2014. Nutritionally essential macro and micro minerals contents of fifteen selected leafy wild and semi-wild fod plants from bunyoro kitara kingdom. Uganda. 4 (4):35-42
- Akah P. A., A. C. Ezike., S. V. Nwafor., C. O. Okoli., and Enwerem, N. M. 2003. Evaluation of the anti-asthmatic property of *Asystasia gangetica* leaf extracts. Journal of Ethnopharmacology, 89(1):25-36.
- Almatsier, S. 2004. Prinsip Dasar Ilmu Gizi. Jakarta: PT Gramedia Pustaka Utama.
- Anggorodi. 1994. Ilmu Makanan Ternak Umum. Gramedia Pustaka Utama. Jakarta.
- Annekov, B. N. 1974. Mineral Feeding of Sheep in Mineral Nutrition of Animal Studies in the Agric. and Food Sci. Butterworths, London - Toronto. p. 321-354.
- Arora, S. P. 1989. Pencernaan Mikroba Pada Ruminansia. Cetakan Kedua. Gajah Mada University Press, Yogyakarta.
- Badan Pusat Statistik.2015. Lima Puluh Kota dalam Angka. Badan Pusat Statistik.Kabupaten Lima Puluh Kota.
- Brown, K.H., J. M. Peerson., J. Rivera., and L. H. Allen. 2002. Effect of supplemental zinc on the growth and serum zinc concentrations of prepubertal children: a meta-analysis of randomized controlled trials. Am. J. Clin.Nutr. 75: 1.062–1.071
- Budiasa, 2005. Hijauan Makanan Ternak. Institut Pertanian Bogor, Bogor
- Danthanawanit, Chetiya, Supattra Poeaim and Anurug Poeaim. 2015. Evidence of molecular marker for genetic relationship of *Asystasia gangetia* (Linn) T. Anderson. Journal of Agricultural Technology Vol. 11(2): 287-296
- Data statistik Peternakan Kota Payakumbuh. 2014. Dinas Peternakan dan Kesehatan Hewan. Payakumbuh.
- Dinas Peternakan dan Kesehatan Hewan Provinsi Sumatera Barat. 2009.
- Endresari, S. 2003. *Asystasia Blume*. In: Lemmens, F.H.M.J. andN. Bunyapraphatar. Plant Resources of South-East Asia No. 12 (3). Medicinal and poisonous plants 3. Backhuys Publishers, Leiden, Netherlands. Pp. 86 – 88.

- Fasuyi, A.O., F. A. S. Dairo.,and A. O. Adeniji. 2005. Tropical vegetable (*Amaranthus Cruentus*) leaf meal as alternative protein supplement in broiler starter diets: Bionutritional evaluation. *Journal of Central European Agriculture*. 9 (1): 23-34.
- Foroughbakhch, P. R., A. C. Parra.,A. R. Estrada.,M. A. A.Vazquez., andM. L. C. Avila. 2012. Nutrient content and *in vitro* dry matter digestibility of *Gliricidia sepium* (Jacq.) walp. and *leucaena leucocephala* (Lam. De Wit.). Mexico. *Jurnal of Animal and Veterinary Advances* 11 (10): 1708-1712, 2012.
- Frape, D. 2010. *Equine nutrition and feeding*, 4th ed. Wiley-Blackwell, Chichester, West Sussex, U.K.; Ames, Iowa, pp. 37-68 (Chapter 3).
- Gruben, G. J. H., and O. A. Denton. 2004. *Vegetables wageningen : PROTA (Plant Resources of Tropical Africa) Foundation*.
- Haenlein, G. F. W. 2006. *Goat Healt And Husbandry*. Mineral suplements Cooperative Extension Dairy Specialist University of Delaware. <http://ag.udel.edu/>.
- [http://payakumbuhkota.go.id/wp-content/uploads/2014/03/Peta-1-2\\_Administrasi-Kota-Payakumbuh1.jpg](http://payakumbuhkota.go.id/wp-content/uploads/2014/03/Peta-1-2_Administrasi-Kota-Payakumbuh1.jpg)
- Iheukwumere, F. C., E. C.Ndubuisi.,E. A. Mazi., and M. U. Onyekwere. 2008. Performance, nutrient utilization and organ characterstics of broilers fed cassava leaf meal (*Manihot esculenta Crantz*). *Pakistan Journal of Nutrition*. 7(1): 13- 16.
- Inoue, Y., T. Osawa., Y. Matsui., Y. Asai., T. Murakami.and Yano.2002. Changes of serum minerals concentration in horses during exercise. *Asian Aust. J. Anim. Sci.* 15 (4): 531- 536.
- Juknevičius, S.and Sabienė, N. 2007. The content of mineral elements in some grasses and legumes. Vol. 53. No. 1. P. 44–52
- Kanchanapoom, T. and S. Ruchirwat.2007.Megastigmane glucoside from *Asystasia gangetica* (L.). *Journal of Natural Medicines*. 61: 430-433.
- Khalil., M. N. Lestari., P. Sardilla. and Hermon. 2015. The use of local mineral formulas as a feed block supplement for beef cattle fed on wild forages. *Media Peternakan*, April 2015, 38(1):34-41
- Lee, S. A. andC. P. Chen. 1992. *Asystasia gangetica* (L.) In: ‘t Mannelje, L. and Jones, R. M. (Editors). *Plant Resources of South – East Asia* No. 4 Forage. Pudoc scientific Publishers, Wageningen, Netherlands. Pp.51 – 53.
- Lloyd, L. E., B. E. McDonald. and E. W. Crampton. 1978. *Fundamentals of Nutrition* 2nd Ed. W. H. Freeman & Co. San Fransisco.

- Maynard, L. A., J. K. Loosly.,H. F. Hintz. andR. G. Warner. 2000. Animal Nutrition. 7 edition. Mc Graw-Hill Book Co. Inc., New York.
- McDonald, P. 1981. The Biochemistry of Silage. John Wiley dan Sons Ltd., London  
 McIlroy, R. J. 1976. Pengantar Budidaya Padang Rumput Tropika. Pradya Paramita, Jakarta (Diterjemahkan oleh TIM IPB).
- McDonald, P.and E. W. Crampton. 1978. Fundamentals of Nutrition 2nd Ed. W. H. Freeman & Co. San Fransisco.
- McDowell L. R. 1996 Feeding minerals to cattle on pasture. Animal Feed Science and Technology 60: 247-271.
- McDowell, L. R. 1983. Minerals in Animals and Livestock Nutrition. Academic press Inc., San Diego, California, USA.
- McDowell, L. R. 1992. The Biochemistry of Silage. John Wiley and Sons Ltd., London
- Mello J. P. F., T. Acamovic ., A. J. Walker., R. A. Agric., O. A. Sobayo., O. G. Adeyemi., O. S.O Sodipe., A.O. Fafiolu., I.M. Ogunade., O. S. Iyasere, L.A. Omoniyig. 1987. Evaluation of leucaena leaf meal for broiler growth and pigmentation. Tropical Agriculture (Trinidad), 64:34 – 35.
- Mepba H.D.,L. Eboh.,D. E. Banigo. 2007. Effects of processing treatments on the nutritive composition and consumer acceptance of some Nigerian edible leafy vegetables. African Journal of Food, Agriculture, Nutrition and Development.12(1) :53-59 57
- Minson, D. J. 1990 (Editor) Forage in ruminants. Academic Press Inc., San Diego, California, USA.
- Mokemiabeka.S., J. Dhellot., S. C. Kobawila., P. Diakabana., R. N. Ntietie Loukombo., A. G. N. Koumou and D. Louembe. 2011. Softening and mineral content of cassava (Manihot utilissima) leaves during the fermentation to produce ntoba mbodi.Congo. Adv Journal Sci and Tech, Vol 3, No 6, 2011, Hal 418-423
- Muhtarudin, L. dan Y. Widodo. 2003. Penggunaan seng Organik dan Polyunsaturated Fatty Acid dalam upaya meningkatkan ketersediaan Seng, pertumbuhan, serta kualitas daging kambing. Laporan Penelitian Hibah Bersaing Perguruan Tinggi.
- Myer, B. G., Chellia., N. Wilkinson. and A. C. Blount Mackowiak. 2003. Mineral Concentration in Grazed Cool-Season Annual Grass pastures in North Florida. North Florida.
- National Reasearch Council. 1985. Nutrient Requerment of Goats. Washington, DC. National Academi Press.

- National Research Council. 2007. Nutrient Requirements of Goats, 6th rev. ed. National Academy Press, Washington, DC, USA, pp. 69-108.
- Nugroho, C. P. 2008. Agribisnis Ternak Ruminansia Jilid 1 untuk SMK. Jakarta : Direktorat Pembinaan Sekolah Menengah Kejuruan, Direktorat Jenderal Manajemen Pendidikan Dasar dan Menengah, Departemen Pendidikan Nasional.
- Pandit, M.K., H. T. W. Tan. and M. S. Bisht. (2006). Polyploidy in invasive plant species of Singapore. *Botanical Journal of the Linnean Society*. 151(3): 395-403.
- Parakkasi, A. 1995. Ilmu Nutrisi dan Makanan Ternak Ruminansia. Jakarta: Penerbit Universitas Indonesia.
- Piliang, W. G. 2004. Nutrisi Mineral. Edisi 7. Institut Pertanian Bogor, Bogor.
- Reddy, N. V. L., S. J. Anarthe., and N. M. Raghavendra. 2010. *In Vitro* antioxidant and antidiabetic activity of *Asystasia gangetica* (Chinese Violet) Linn. (Acanthaceae). *International Journal of Research in Pharmaceutical and Biomedical Sciences* 1(2): 72-75.
- Rojas, M. A., I. A. Dyer. and W. A. Assat. 1965. Manganese deficiency in bovine. *J. Anim. Sci.* 24:664-667.
- Rotruck, J.T., A. L. Pope., H. E. Ganther., A. B. Swanson., D. G. Hafeman. and W. G. Hoekstra. 1973. Selenium: biochemical role as a component of glutathione peroxidase. *Science* 179, 588-590.
- Rubanza, C. D. K., M. N. Shem., S. S. Bakengesa., T. Ichinohe. and T. Fujihara, . 2005. Content of macro and micro minerals of deferred forages in silvo-pastoral traditional fodder banks (Ngitiri) of Meatu district of central north-western Tanzania. *Livestock Research for Rural Development* 17 (12) 2005.
- Rukmana, H. R. 2005. Rumput Unggul : Hijauan Makanan Ternak. Yogyakarta.
- Soetan K. O., C. O. Olaiya. and O. E. Oyewole. 2010. The importance of mineral elements for humans, domestic animals and plants. *Nigeria*. Vol. 4(5) pp. 200-222.
- Tillo S. K., V. B Pande., T. M. Rasala., V. V. Kale. 2012. *Asystasia gangetica*; review on multipotential application. *IRJP*, Vol 3. No 4, 2012. HaL 963
- Ugborogho, R. E. and O. A. Adetula. 1988. The biology of the *Asystasia gangetica* complex (Acanthaceae) in Lagos state, Nigeria. *Feddes Repertorium* 99(11-12): 507-517.
- Underwood, E. J., 1977. Trace Elements in Human and Animal Nutrition. Academic Press, New York. Fourth Edition 1977. *Biochem. Educ.* 10, 36-36.

Walzi, P. K. 2011. Forage herbs improve mineral composition of grassland herbage. *The Journal of the British Grassland Society*. Vol 66, 415–423.

Yeoh, H. H., P. F. M. Wong. 1993. Food value of lesser utilised tropical plants. *Food Chemistry* 46 (1993) 239-241.

