

เอกสารอ้างอิง

- กั้ววาน ธรรมแสง. (2546). การประเมินคุณค่าทางอาหารของหญ้าอาหารสัตว์เขตร้อนบางชนิด เพื่อทำนายผลผลิตของโคนม. วิทยานิพนธ์วิทยาศาสตรดุษฎีบัณฑิต. สาขาวิชาเทคโนโลยีการผลิตสัตว์. มหาวิทยาลัยเทคโนโลยีสุรนารี.
- ฉล่อง สนิทวงศ์ ณ อยุธยา เฉลิมพล บุญเชื้อ และ อุดมศรี อินทร โชติ. (2541) การใช้กากเนื้อในเมล็ดปาล์มเป็นอาหารเสริมสำหรับโคนม. (ออนไลน์). ได้จาก http://www.dld.go.th/nutrition/exhibisition/RESEARCH/research_full/2543/R4311.doc
- ชวนิศนคาร วรวรรณ, ม.ร.ว. (2534). การเลี้ยงโคนม. จำนวน 3000 เล่ม. พิมพ์ครั้งที่ 4. สำนักพิมพ์ไทยวัฒนาพานิช: กรุงเทพฯ.
- พวงน้อย โลหะขจรพันธ์. (2521). การศึกษาฤทธิ์การฆ่าเชื้อแบคทีเรียและเชื้อราของสมุนไพรบางชนิด. วิทยานิพนธ์. เกษศาสตรมหาบัณฑิต. จุฬาลงกรณ์มหาวิทยาลัย. เมธา วรณพัฒน์. (2533). โภชนศาสตร์สัตว์เคี้ยวเอื้อง. ภาควิชาสัตวศาสตร์. คณะเกษตรศาสตร์. มหาวิทยาลัยขอนแก่น. กรุงเทพฯ: ห้างหุ้นส่วนจำกัดฟีนี่พับบลิชซิ่ง.
- วิทย์เที่ยงบูรณธรรม. (2531). พจนานุกรมสมุนไพรไทย. โอ เอส พรินติ้ง เฮ้าส์. กรุงเทพมหานคร.
- วิโรจน์ ภัทรจินดา. (2546). โคนม. ภาควิชาสัตวศาสตร์. คณะเกษตรศาสตร์ มหาวิทยาลัยขอนแก่น.
- Aldrich, J.M., L. D. Muller, G. Varga and L.C. Griel. (1993). Nonstructural carbohydrate and protein effects on rumen fermentation, nutrient flow, and performance of dairy cows. J. Dairy Sci. 76: 1091-1102.
- Association of Official Analytical Chemists. (1990). Official Method of Analysis. Washington D. C. 1298p.
- Association of Official Analytical Chemists. (1998). Official Method of Analysis. Washington D. C. 1298p.
- Benchaar, C., H. V. Petit, R. Berthiaume, T. D. Whyte and P. Y. Chouinard. 2006. Effects of addition of essential oils and monensin premix on digestion, ruminal fermentation, milk production, and milk composition in dairy cows. J. Dairy Sci. 89(11): 4352-4364
- Broudiscou, L. P., Y. Papon and A.F. Broudiscou. 2000. Effect of dry plant extracts on fermentation and methanogenesis in continuous culture of rumen microbes, Anim. Feed Sci. Technol. 87 (2000), pp. 263-277.
- Broudiscou, L. P., Y. Papon and A. F. Broudiscou. 2002. Effects of dry plant extracts on feed degradation and production of rumen microbial biomass in a dual out flow fermenter, Anim. Feed Sci. Technol. 101: 183-189.

- Busquet, M., S. Calsamiglia, A. Ferret and C. Kamel. 2006. Plant extracts affect *in vitro* rumen microbial fermentation. *J. Dairy Sci.* 89:761–771.
- Cardozo, P.W., S. Calsamiglia, A. Ferret, and C. Kamel. 2006. Effects of alfalfa extract, anise, capsicum, and a mixture of cinnamaldehyde and eugenol on ruminal fermentation and protein degradation in beef heifers fed a high-concentrate diet *J. Anim. Sci.* 84 (10): 2801-2808
- Claypool, H. R., W. P. Weiss, W. O. Odwongo and W. L. Shockey. (1980). Estimating net energy lactation from components of cell solubles and cell walls. *J. Dairy Sci.* 67: 427-437.
- Dhar, M.L., M. M. Dhar, B. N. Dhawan, B. N. Mehrotra and C. Ray. (1968). Screening of Indian plants for biological activity. *Indian J. Exp. Biol.* 6:232-247.
- Egan, A. R. and R. J. Moir. (1965). Nutritional status and intake regulation in sheep. I. Effects of duodenally infused single dose of casein, urea and propionate upon voluntary intake of low protein roughage by sheep. *Aust. J. Agr. Res.* 16: 437-449.
- Firkins, J. L., Z. Yu and M. Morrison. 2007. Ruminant Nitrogen Metabolism: Perspectives for Integration of Microbiology and Nutrition for Dairy. *J Dairy Sci* 2007 90: E1-16E.
- Forbes, J. M. (1986). *The voluntary food intake of farm animal.* Butterworths. London.
- Gaynor, P. J., D. R. Waldo, A. V. Capuca, R. A. Erdman and L. W. Douglass. (1995). Effects of prepubertal growth rate and diet on lipid metabolism in lactating hostein cows. *J. Dairy Sci.* 78: 1534-1543.
- Grant, R. (2000). Evaluating the feeding value of fibrous feed for dairy cattle. (Online). Available: <http://www.ianr.unl.edu/pubs/Dairy/g91-1034.htm>.
- George, M. and K. M. Pandalai. (1979). Investigations on plant antibiotics. IV. Further search for antibiotic substances in Indian medical plants. *Indian J. Med. Res.* 37:169-181.
- Goering, H. K. and P. J. Van Soest. (1970). *Forage Fibre Analysis.* A RS./USDA Agric. Handbook, Washington.
- Gupta, S. C. and R. S. Bilgrami. (1970). Inhibitory effect of some plant decoctions on the production and activity of cellulolytic (GX) enzyme of the pathogenic fungi. *Proc. Nat. Acad. Sci. India Sert. B.* 40(1):6-8.
- Hayes, P. M., D. Prehn, H. Vivar, T. Blake, A. Comeau, I. Henry, M. Tohnston, B. Jones, and B. Steffenson. (1996). Multiple disease resistance loci and their relationship to agronomic and quality loci in a spring population. *J. Quant. Trait Loci* [online]. [http:// probe. Nalusda. Gov. 8000/ otherdocs/ jgtl/ idex. htm](http://probe.Nalusda.Gov.8000/otherdocs/jgtl/index.htm).

- Henderson, C., C. S. Stewart and F. V. Nakrep. (1981). The effect of monensin on pure and mixed culture of rumen bacteria. *J. Appl. Bacteriol.* 15: 159.
- Hui, W. H. and M. L. Sung. (1968). An examination of the Euphorbiaceae of Hong Kong. II. The occurrence of epitaraxerol and other triterpenoids. *Aust. J. Chem.* 21:2137.
- Jain, S. P. and H. S. Puri. (1984). Ethnomedical plants of Jaunsar-Bawar hills, Uttar Pradesh, India. *Journal of Ethnopharmacology.* 12(2):213-222.
- Kamra, D.N., R. Singh, N. Agarwal and N.N. Pathak. 2000. Soapnut (*Rcetha*) as natural defaunating agent – its effect on rumen fermentation and in sacco degradability of jowar hay in buffaloes. *Buffalo J.* 16: 99–104.
- Kennelly, Z., K. C. Chon and K. C. Nah. (2000). Cassava, a total substitute for cereals in livestock and poultry rations. *Ruminant Nutrition: selected articles from World Animal Review, FAO.* 155-160.
- Khanna, P. and R. Bansal. (1975). Phyllantidine and phyllantine from *Emblca officinalis* leaves, fruits and in vitro tissue cultures. *Indian J. Exp. Biol.* 13:82-83.
- Khanna, P., R. Taparia and S. C. Jain. (1982). Flavonoids from *Emblca officinalis* Gaertn tissue cultures. *Indian J. Bot.* 5(1):43-44.
- Koenig, K. M., C. J. Newbold, F. M. McIntosh, and L. M. Rode. 2000. Effects of protozoa on bacterial nitrogen recycling in the rumen. *J. Anim. Sci.* 78:2431–2445.
- Lila, Z. A., N. Mohammed, S. Kanda, T. Kamada and H. Itabashi. 2003. Effect of sarsaponin on rumen fermentation with particular reference to methane production in vitro, *J. Dairy Sci.* 86: 3330–3336.
- Lovett, D. K., L. Stack, S. Lovell, J. Callan, B. Flynn, M. Hawkins, and F. P. O'Mara. 2006. Effect of feeding *Yucca schidigera* extract on performance of lactating dairy cows and ruminal fermentation parameters in steers *Livest. Sci.* 102 (1-2): 23-32
- Nag, T. N. and P. Khanna. 1973. Effect of phenylalanine and glucose on growth and phyllembin production in *Emblca off icinalis* tissue culture. *Indain J. Pharmacy.* 35(1):23-25
- Nakanishi, K., S. I. Sasaki and A. K. Kiang. (1965). Phytochemical survey of Malaysian plants. Preliminary chemical and pharmacological screening. *Chem. Pharm. Bull.* 13:882-890.
- National Research Council. (1988). *Nutrient Requirements of Dairy Cattle.* 4Ed. National academy press. Washington D.C.
- National Research Council. (2001). *Nutrient Requirements of Dairy Cattle.* 7 th Ed. National academy press. Washington D.C. 340 p.

- ørskov, E. R., F. N. Deb Hovell, and F. Mould. (1980). The use nylon bag technique for the evaluation of feedstuffs. *Tropical Animal Production*. 5 : 195-213.
- ørskov, E. R. and I. McDonald. (1979). The estimation of protein degradability in the rumen from incubation measurements weighted according to rate of passage. *Journal of Agricultural Science*. 92 : 499-503.
- Patra, A. K., D. N. Kamra and N. Agarwal. 2006. Effect of plant extracts on *in vitro* methanogenesis, enzyme activities and fermentation of feed in rumen liquor of buffalo. *Anim. Feed Sci. Technol.*, 128(3-4): 276-291.
- Poos, M. I., T. L. Hanson and T. J. Hopfenstein. (1979). Monensin effects on diets digestibility. Preston, T.R. and R. A. Leng. (1987). Matching Ruminant Production Systems with Available Resources in the Tropics and Sub-tropics. Penambul Books, Armidale, Australia. 245.
- Preston, T. R. and R. A.Leng. 1987. Matching Ruminant Production Systems with Available Resources in the Tropics and Sub-tropics. Penambul Books, Armidale, Australia 245p.
- Ram, S. and R. T. Raja. (1978). Studies on the naturally occurring gibberellins in aonla (*Emblica officinalis* Gaertn.) fruit. *New Phytol.* 81(3):513-517.
- Ray, P.G. and S. K. Majumdar. (1976). Antimicrobial activity of some Indian plants. *Econ. Bot.* 30:317-320.
- Schelling, G. T. (1984). Monensin mode of action in the rumen, *J. Anim. Sci.* 58-1518.
- Sliwinski, B. J., C. R. Soliva, A. Machmüller and M. Kreuzer. 2002. Efficacy of plant extracts rich in secondary constituents to modify rumen fermentation, *Anim. Feed Sci. Technol.* 101: 101–114.
- Spears, J. W. (1990). Ionophores and nutrient digestion and absorption in ruminants. *J. Nutr.* 120: 632-638.
- Spike, T.E. (1996). Extracting more nutrients from poor forage diets with rumensin. Elanco Animal Health, Greenfield, Indiana, USA. (A lecture note)
- Statistical Analysis System. (1988). SAS User' Guide: Statistics. NC: SAS Institute.
- SAS/STAT User's Guide, 1996. 4th ed. SAS Inst. Inc., Cary, NC.
- Subramanian, S.S., S. Nagarajan and N. Sulochana. (1971). Flavonoids of some Euphorbiaceous plants. *Phytochemistry*. 10:2548-2549.
- Suksombat, W. and D. Sra-ngarm. (1998). Effect of intraruminal monensin capsule on dairy cow performances in early lactation. *Thai J. Agric.Sci.* 31(3): 402-410.

- Thakara, R.P. (1980). Studies on the antibacterial activity of some plant extracts. *Indian Drugs*. 17:148.
- Van Soest, P. J., J. B. Robertson and B. A. Lewis. 1991. Methods for dietary fiber, neutral detergent fiber and nonstarch polysaccharides in relation to animal production. *J. Dairy Sci.* 74, 3583-3597.
- Yang, W.Z., C. Benchaar, B. N. Ametaj, A. V. Chaves, M. L. He, and T. A. McAllister. 2007. Effects of Garlic and Juniper Berry Essential Oils on Ruminal Fermentation and on the Site and Extent of Digestion in Lactating Cows. *J. Dairy Sci.* 90:5671–5681.