



DAFTAR PUSTAKA

- Abdollahi, M. R., V. Ravindran dan B. Shivus. 2013. Pelleting of broiler diets: an overview with emphasis on pellet quality and nutritional value. *Animal Feed Science and Technology*. 179: 1-23
- Adane, T., A. Shimelis, R. Negussie, B. Tilahun dan G. D. Haki. 2013. Effect of processing method on the proximate composition, mineral content and antinutritional factors of taro (*Colocasia esculenta*, L.) grown in ethiopia. *Ajfund*. 13: 7383-7398
- Agus, A. 2008. *Panduan Bahan Pakan Ternak Ruminansia*. Ardana Media, Yogyakarta
- Alamri, M. S., A. M. Abdellatif dan S. Hussain. 2013. High-fiber date pits pudding: formulation, processing, and textural properties. *Eur Food Res Technol*. 239: 755–763
- Alcantara, R. M., W. A. Hurtada. dan E. I. Dizon. 2013. The nutritional value and phytochemical components of taro (*Colocasia esculenta*, L. *schott*) powder and its selected processed foods. *J Nutr Food Sci* 207: 1-7
- Alcazar-alay, S. C. dan M. A. A. Meireles. 2015. Physicochemical properties, modifications and applications of starches from different botanical sources. *Food Sci. Technol, Campinas*. 35(2): 215-236
- Amrullah, I. K. 2003. *Nutrisi Ayam Petelur*. Lembaga Satu Gunungbudi, Bogor
- Anonim. 2012. *Road Map Diversifikasi Pangan 2011 Sampai 2015*. Kementerian Pertanian, Jakarta
- Anonim. 2013. *Kajian Ubi Jalar dengan Pendekatan Rantai Nilai dan Iklim Usaha di Kabupaten Jayawijaya*. Available at http://www.ilo.org/jakarta/info/public/nl/WCMS_342931/lang-en/index.htm Accession date 18th Mar 2017, 10.017 WIB
- Aprianita, A. 2010. *Assessment of Underutilized Starchy Roots and Tubers for Their Applications in The Food Industry*. Thesis. Degree of Master Science, Victoria University, Australia



- Apriliawaty, N. 2003. Respon Kelinci Jantan Lokal Lepas Sapih yang Diberi Umbi-umbian sebagai Sumber Energi Alternatif dalam Ransum Bentuk Pellet. Skripsi. Program Sarjana, Institut Pertanian Bogor, Bogor
- Asgar, A., S. T. Rahayu, M. Kusmana dan E. Sofiari. 2011. Uji kualitas umbi beberapa klon kentang untuk keripik. *J. Hort.* 21(1): 51-59
- Astuti, M. 1981. Rancangan Percobaan dan Analisis Statistik. Bagian. Fakultas Peternakan. Universitas Gadjah Mada. Yogyakarta
- Avula, R. Y. dan R. K. Singh. 2008. Functional properties of potato flour and its role in product development-review. *Food 3. Special Issue 2:* 105-112
- Bao, J. dan C. J. Bergman. 2004. The functionality of rice starch. In: *Starch in Food Structure, Function, and Applications*. E. Ann-Charlotte. E-book, Woodhead Publishing Limited, England
- Behnke, K. C. 2001. Factors influencing pellet quality. *Feed Tech.* 5(4): 19-22
- Blennow, A. 2004. Starch bioengineering. In: *Starch in Food Structure, Function, and Applications*. E. Ann-Charlotte (ed). E-book, Woodhead Publishing Limited, England
- Briggs, J. L., D. E. Maier, B. A. Watkins, dan K.C. Behnke. 1999. Effect of ingredients and processing parameters on pellet quality. *Poultry Science.* 78:1464-1471
- Chaplin, M. 2001. Water Structure and science. Available at <http://www1.lsbu.ac.uk/water/starch.html>. Accession date 8nd jan 2016, 14.00 WIB
- Cheeke, P. R. 2005. *Applied animal Nutrition Feeds and Feeding*. 3th ed. Pearson, United States of America
- Cruz, P. S. 1996. Feed quality problems and management strategies. *Proceedings of the national seminar-Workshop on Fish Nutrition and Feeds*. pp: 64-73
- Kim, E dan H. Kim. 2014. Influence of pectinase treatment on the physicochemical properties of potato flours. *Food Chemistry.* 167: 425-432



- Fahrenholz, A. C. 2012. Evaluating Factors Affecting Pellet Durability and Energy Consumption in a Pilot Feed Mill and Comparing Methods for Evaluating Pellet Durability. Dissertation. Submitted in Partial Fulfillment of the Requirements for the Degree Doctor of Philosophy, Kansas State University, Kansas
- Febbyancha, B. 2014 .Pengaruh Taraf Kombinasi Rumput Gadjahdan Limbah Tauge Sebagai Alternatif Sumber Serat Terhadap Kualitas Fisik Pellet Kelinci Selama Penyimpanan. Skripsi. Program Sarjana, Institut Pertanian Bogor, Bogor
- Hartadi, H., S. Reksohadiprodjo dan A. D. Tillman. 2005. Tabel Komposisi Pakan untuk Indonesia. 2th ed. Gadjah Mada University Press, Yogyakarta
- Jurgens, H. M., K. Bregendahl, J. A. Coverdale, dan S. L. Hansen. 2012. Animal Feeding and Nutrition. Kendall Hunt Publishing Company, USA
- Kannadhasan, S., K. Muthukumarappan, dan K. A. Rosentrater. 2008. Effect of starch sources and protein content on extruded aquaculture feed containing DDGS. Food and Bioprocess Technology. 4 (2): 282–294
- Kaushal, P. V. Kumar. dan H. K. Sharma. 2011. Comparative study of physicochemical, functional, antinutritional and pasting properties of taro (*Colocasia esculenta*), rice (*Oryza sativa*) flour, pigeonpea (*Cajanus cajan*) flour and their blends. Food Science and Technology. 48: 59-68
- Kellems, R. O. dan D.C. Church. 2010. Livestock Feeds and Feeding. Pearson, United States of America
- Kolasa, K.M. 1993. The potato and human nutrition. J. Am. Potato. 70(5): 375-383
- Koswara, S. 2013. Teknologi Pengolahan Umbi-umbian. Modul Tropical Plant Curriculum (TPC) Project. SEAFast Center, Bogor Agricultural University
- Kusdiby dan A. A. Asandhi. 2004. Waktu panen dan penyimpanan pasca panen untuk mempertahankan mutu umbi kentang olahan. Ilmu Pertanian. 11(1): 51 – 62



- Kulkarni K. D., N. Govinden, dan D. Kulkarni. 1996. Production and use of raw potato flour in Mauritian traditional foods. *Food and Nutrition Bulletin*. 17(2): 162-168
- Langdon, J. M. II. 2015. The Genetics of Pig Feeding Behavior. Thesis. Degree of Master of Science, North Carolina State University, North Carolina
- Loar II, R.E. dan A. Corzo. 2010. Effects of feed formulation on feed manufacturing and pellet quality characteristics of poultry diets. *J. World's Poultry Science*. 67:19-28
- Mahmudatussa'adah, A. 2013. Komposisi kimia ubi jalar (*Ipomoea batatas*, L.) Cilembu pada berbagai waktu simpan sebagai bahan baku gula cair. *Pangan*. 23 (1): 53 – 64
- Martens, L. 2010. Feeding system for intensive production. In: *Nutrition of The Rabbit*/ Edited by Carlos de Blas and Julian Wiseman, 2nd Ed. C. de Blas dan J. Wiseman (eds.). CAB International 2010, CPI Antony Rowe Ltd, UK
- Michaels B. N. 1987. Feed and Feeding of Fish and Shrimp. United Nations Development Programme Food and Agriculture Organization of The United Nations, Rome
- Misra, A dan K. Kulshrestha. 2003. Effect of storage on nutritional value of potato flour made from three potato varieties. *Plants Foods for Human Nutrition*. 58: 1-10
- Mora, L. M., A. S. M. T. Moura., C. Scapinello., S. J. Bicudo., I.G. Araujo., F. Curcelli. dan T. F. M. Barros. 2013. Digestible energy of unpeeled cassava root meal and its effect on growth performance and carcass traits in rabbits. *World Rabbit Sci*. 22: 105-111
- Mudjiman, A. 1985. Makanan Ikan. PT. Penebar Swadaya, Jakarta
- Mukodiningsih, S., I. Sutrisno, B. Sulistyanto dan B. W. E. Hadi. 2014. Pengendalian Mutu Pakan. Buku Ajar. UPT UNDIP Press Semarang, Semarang
- Muthia, D., H. Nurul dan L. Noryati. 2010. The effects of tapioca, potato, wheat, sago, and potato flour on the physicochemical and sensory properties of duck sausage. *International Food Journal*. 17: 877-884



- Nilasari. 2012. Pengaruh Penggunaan Tepung Ubi Jalar, Garut dan Onggok Terhadap Sifat Fisik dan Lama Penyimpanan Ayam Broiler Bentuk Pellet. Skripsi. Fakultas Peternakan, Institut Pertanian Bogor, Bogor
- Paramita, O. dan A. Mulwinda. 2012. Pembuatan database fisikokimia tepung umbi-umbian di Indonesia sebagai rujukan diversifikasi pangan. *Sainteknologi*. 10 (1): 64-75
- Pond, W. G., D. C. Church dan K. R. Pond. 1995. *Basic Animal Nutrition and Feeding Fourth Edition*. John Willey & Sons, New York
- Prasetia, H. A. 2009. Perbaikan Mutu Beras Ubi dengan Penggunaan Pati Ubi Jalar (*Ipomoea batatas L.*) Termodifikasi dengan Heat Moisture Treatment (hmt). Skripsi. Program Sarjana, Institut Pertanian Bogor, Bogor
- Rapetti, L dan L. Bava. 2008. Feeding management of dairy goats in intensive system. In: *Dairy Goats Feeding and Nutrition*. A. Cannas dan G. Pulina (eds). Biddles King's Lynn, London
- Rocha, T. de S., P. de A. C. Ana, dan C. M. L. Franco. 2008. Effect of enzymatic hydrolysis on some physicochemical properties of root and tuber granular starches. *Ciênc. Tecnol. Aliment. Campinas*. 30(2): 544-551
- Sari, F.K., Nurhayati dan Djumarti. 2013. Ekstraksi pati resisten dari tiga varietas kentang lokal yang berpotensi sebagai kandidat prebiotik. *Berkala Ilmiah Pertanian*. 1(2): 38-42
- Sakib, M. N. 2013. Effects of Potato (*Solanum tuberosum*) Meal on Broiler Production. Thesis. Program Master of Science, Bangladesh Agricultural University, Mymeningsih
- Senanayake, S. A., K. K. D. S. Ranaweera, A. Gunaratne dan A. Bamunuarachchi. 2013. Comparative analysis of nutritional quality of five different cultivars of sweet potatoes (*Ipomea batatas, I. lam*) in Sri Lanka. *Food Science & Nutrition*. 1(4): 284–291
- Siregar, R. J. H. 2011. Pengaruh Perbandingan Tepung Terigu dengan Tepung Talas dan Karboksimetil Selulosa (CMC) Terhadap Mutu Roti Tawar. Skripsi. Program Sarjana, Universitas Sumatera Utara, Medan

- Siswani, D. M. dan H. Maryanto. 2014. Uji Fisik dan Kimiawi Pakan Ikan yang Menggunakan Bahan Perekat Alami. Prosiding Seminar Hasil Penelitian LPPM UMP. 2014: 25 - 33
- Sit, N., S. Misra dan S. C. Deka. 2013. Characterization of physicochemical, functional, textural and color properties of starches from two different varieties of taro and their comparison to potato and rice starches. *Food Science and Technology Research*. 20 (2): 357-365
- Sitaula, Y. 2011. Effect of Starch Source, Screw Configuration and Steam Injection on Physical Quality and Color Development of Extruded Fish Feed. Thesis. Program Master, Norwegian University of Life Sciences, Norwegia
- Sultana, F., Khatun H. dan M. A. Ali. 2016. Use of potato as carbohydrate source in poultry ration. *Chem. Biol. Technol. Agric.* 3 (30): 2-7
- Svihus, B., K.H. Kløvstad, V. Perez, O. Zimonja, S. Sahlstrom, R. B. Schuller, W. K. Jeksrud dan E. Prestløkken. 2004. Physical and nutritional effects of pelleting of broiler chicken diets made from wheat ground to different coarsenesses by the use of roller mill and hammer mill. *Anim. Feed Sci. Technol.* 117: 281–293
- Syamsu, J. S. 2007. Karakteristik fisik pakan itik bentuk pellet yang diberi bahan perekat berbeda dan lama penyimpanan yang berbeda. *Jurnal Ilmu Ternak.* (7) (2): 128–134
- Sørensen, M., G. Nguyen, T. Storebakken dan M. Øvreland. 2010. Starch source, screw configuration and injection of steam into the barrel affect the physical quality of extruded fish feed. *Aquaculture Research*. 41: 419-432
- Thomas, M. dan A. F. B. van der Poel. 1996. Physical quality of animal feed, criteria for pellet quality. In: *Physical Quality of Pelleted Feed, a Feed Model Study*. M. Thomas (ed). Janny Schokker, Arnhem
- Thomas, M., D. J. van Zuilichem, dan A. F. B. van der Poel. 1997. Physical quality of animal feed, contribution of processes and its conditions. In: *Physical Quality of Pelleted Feed, a Feed Model Study*. M. Thomas (ed). Janny Schokker, Arnhem
- Thomas, M., T. van Vliet dan A. F. B. van der Poel. 1998. Physical quality of animal feed, contribution of feedstuff components. In: *Physical Quality of Pelleted Feed, a Feed Model Study*. M. Thomas (ed). Janny Schokker, Arnhem.



- Whistler, R. L., J. N. Bemiller dan E. F. Paschall. Starch Chemistry and technology. 2nd ed. Available at <https://books.google.co.id/books?id=pvAzqk2pAlsC&pg=PA583&lpg=PA583&dq=%22pregelatinization+of+starch+is%22&source=bl&ots=jn00jyANqw&sig=Pq2PNQS89YoEmKiDH5-SabnGj-U&hl=en&sa=X&ved=0ahUKEwjv-tuZxYzTAhXKMI8KHU1MDZoQ6AEIHDAB#v=onepage&q=%22pregelatinization%20of%20starch%20is%22&f=false> Acession date 5th April 2017, 12.39 WIB
- Winarno, F. G. 1991. Kimia Pangan dan Gizi. Gramedia Pustaka Utama Jaya, Jakarta
- Wood, J. F. 1987. The functional properties of feed raw materials and their effect on the production and quality of feed pellets. *Animal Feed Science and Technology*. 18: 1-17
- Yuliatmoko, W. dan I. Sutyatama. 2012. Pemanfaatan umbi talas sebagai bahan substitusi tepung terigu dalam pembuatan cookies yang disuplementasi dengan kacang hijau. *J. Matematika, Sains, dan Teknologi*, 13 (2): 94-106