

DAFTAR PUSTAKA

- Adi. 2008. Tanaman Obat Dan Jus. Agromedia Pustaka, Jakarta.
- Ahmed, M. F., A. S. Rao., S. R. Ahmad and M. Ibrahim. 2012. Phytochemical Studies and Antioxidant Activity of *Melia azedarach Linn* Leaves by dpph Scavenging Essay. International Journal of Pharmaceutical Applications. 3(1): 271-276.
- Ahmed, Toufik. 2019. Effects of using neem leaf (*Azadirachta indica*) in broiler ration as an alternative to antibiotic for production of safe meat. dhaka: Department of Poultry Science Sher-E-Bangla Agricultural University.
- Amrullah, I. K. 2003. Nutrisi Ayam Petelur. Cetakan 1. Lembaga Satu Gunung Budi, Bogor.
- Amrullah, I. K. 2004. Nutrisi Ayam Broiler. Lembaga Satu Gunung Budi, Bogor.
- Anggorodi, R. 1985. Ilmu Makanan Ternak Umum. Gramedia Pustaka Utama, Jakarta.
- Balfas, R. 1994. Pengaruh ekstrak air dan etanol biji mimba terhadap mortalitas dan pertumbuhan ulat pemakan daun handeuleum, *Doleschalia polibete*. Prosiding Seminar Hasil Penelitian Dalam Rangka Pemanfaatan Pestisida Nabati. Hal : 203-207.
- Barton, M. D. and W. S. Hart. 2001. Public Health Risks: Antibiotic Resistance are Review. Asian-Aust. J. Anim. Sci. 14: 414-422.
- Biswas, K., Chattopadhyay, I., Banerjee, R. K dan Bandyopadhyay, U. 2002. Biological activities and medicinal properties of neem (*Azadirachta indica*). Current Science, 82(11), 1336–1345.
- Cahyono, B. 2001. Budi Daya Ikan Di Perairan Umum. Yogyakarta: Kanisius.
- Catry, B., Laevens, H., Devriese, L.A., Opsomer, G. and De Kruif, A. 2003. Antimicrobial resistance in livestock. *J. of Vet. Phar. Therapy*. 26:81-93.
- Cowan, M.M., 1999, Plant Products as Antimicrobial Agents, Clinical Microbiology Reviews Vol. 12, No. 4 : 564–82.
- Chattopadhyay, M.K. 2014. Use of Antibiotics as Feed Additives: A Burning Question Front Microbiol. 5 : p. 334.
- Chiu, S. F. 1985. Recent research finding on Meliaceae and other promising botanical insecticides in China. *Z. Pflkrankh. Pflsch.* 92: 310-319.

- Dewi, I. R. 2007. Prospek insektisida yang berasal dari tumbuhan untuk menanggulangi organisme pengganggu tanaman. Skripsi. Universitas Padjajaran, Bandung.
- Dibner, J.J. and J.D Richards. 2005. Antibiotic Growth Promoter in Agriculture History and Mode of Action. *Poultry Science* 84:634-643.
- Dumonceaux, T.J., Hill, J.E., Hemmingsen, S.M., Van Kessel, A.G. 2006. Characterization of Intestinal Microbiota and Response to Dietary Virginiamycin Supplementation in the Broiler Chicken. *Appl Environ Microbiol*, 72: pp. 2815-2823.
- Ellin Doyle, M. 2001. Alternative to antibiotic use for growth promotion in animal Husbandry.
- Engberg, R. M., M. S. Hedemann, T. D. Leser and B. B. Jensen. 2000. Effect of zinc bacitracin and salinomycin on intestinal micro flora and performance of broilers. *Poult. Sci.* 79:1311–1319.
- Ensminger. M. E., J. E. Oldfield and W. W. Heinemann. 1992. Feeds and Nutrition. 2nd Edition. Ensminger Publishing Company, California, USA.
- Fadilah, R. 2005. Panduan Mengelola Peternakan Ayam Broiler Komersial. Agromedia Pustaka. Jakarta.
- Fardani, C. 2009. Uji efikasi beberapa fungisida nabati untuk mengendalikan hawar daun (*Helminthosporium maydis* Nisik.) pada beberapa varietas jagung (*Zea mays L.*) di Lapangan. Skripsi. Universitas Sumatera Utara, Medan.
- Fitriyani., D. Kusrini dan E. Fachriyah. 2016. Isolasi, identifikasi, dan uji sitotoksik senyawa alkaloid dari daun mindi (*Melia azedarach L.*). *Jurnal Kimia dan Pendidikan Kimia*. 1(2): 33-40.
- Fufa, M.F., Deressa, F., Deyou, T., & Abdisa, N. 2018. Isolation and Characterization of Compounds from the Leaves of *Melia azedarach* and Stem Bark of *Albizia schimperiana* and Evaluation for Antimicrobial Activities. *Med Chem (Los Angeles)*8: 154-165.
- Fung S., Rempel H., Forgetta V., Dewar E. T. K., Diarra M. S. 2013. Ceca microbiome of mature broiler chickens fed with or without salinomycin, in the Gut Microbiome: The Effector/Regulatory Immune Network Conference (B3). Keystone Symposia on Molecular and Cellular Biology.
- Ghimeray A. K., Jin C. W., Ghimire B. K., Cho D. H. 2009. Antioxidant activity and quantitative estimation of azadirachtin and nimbin in *Azadirachta indica* A. Juss grown in foothills of Nepal. *African Journal of Biotechnology*, 8(13):3084–3091.

- Gould, I. M. 2008. The epidemiology of antibiotics resistance. International Journal Antimicrob Agents 32 (Suppl. 1), S2-S9.
- Hariana, A. 2006. Tanaman Obat dan Khasiatnya Seri 2. Penebar Swadaya, Jakarta.
- Heyne, K. 1987. Tumbuhan Berguna Indonesia Jilid I. Terjemahan dari De Nuttige Planten Van Indonesie, oleh Balitbang Kehutanan. Yayasan Sarana Wana Jaya, Jakarta.
- Hossain, M. A. Rahman, S. M. 2011. Total Phenolics, Flavonoids and Antioxidant Activity of Tropical Fruit Pineapple. Food Research International ,44(3), 672–676.
- Hoque M. D., Bari M. L., Inatsu Y., Juneja V. K., Kawamoto S. 2007. Antibacterial activity of guava (*Psidium guajava* L.) and neem (*Azadirachta indica* A. Juss.) extracts against foodborne pathogens and spoilage bacteria. *Foodborne Pathogens and Disease*. 4(4):481–488.
- Hughes, P and Heritage, J. 2002. Antibiotic growth-promoters in food animals. Division of Microbiology, School of Biochemistry and Molecular Biology, University of Leeds, United Kingdom.
- Ichwan, 2003. Membuat Pakan ras Pedaging. Tanggerang: Agro Media Pustaka.
- Ilango K., Maharajan G., Narasimhan S. 2013. Anti-nociceptive and anti-inflammatory activities of Azadirachta indica fruit skin extract and its isolated constituent azadiradione. *Natural Product Research*, 27(16):1463–1467.
- Jaelani, A. 2011. Performans Ayam Pedaging yang diberi Enzim Beta Mannanase dalam Ransum yang Berbasis Bungkil Inti Sawit. Skripsi Peternakan. Jurusan Peternakan. Fakultas Peternakan. Universitas Islam Kalimantan. Kalimantan.
- James, R. G. 2004. Modern Livestock and Poultry Production. 7th Edition. Thomson Delmar Learning Inc., FFA Activities, London.
- Kartasapoetra, A. G. 1987. Hama Hasil Tanaman Dalam Gudang. Edisi Pertama. Rineka Cipta, Jakarta.
- Karyadi, E. 1997. Khasiat Fitokimia Bagi Kesehatan. Harian Kompas, Minggu, 20 juli 1997. Hal: 15, Kol: 1-7, PT. Gramedia Jakarta.
- Kumar, R., R. Singh., P. S. Meera and S. B. Kalidhar. 2003. Chemical components and insecticidal properties of baka (*Melia Azedarach* L.) a review. Agric. Rev. 24(2) : 101-115.

- Lee Wei Har, Intan safinar Ismail. 2012. Antioksidant Activity Total Phenolics and Total flavonoids of *Syzygium polyanthum* (Wight) Walp Leaves. 2(2): 219-288.
- Leeson, S. and J.D. Summers. 1980. Production and carcass characteristics of the broiler chicken. *Poultry. Sci.* 59:786-798.
- Lesson, S. and J. D. Summers. 2001. Nutrition of the chicken, 4th Edition, pp, 331-428 (University Books, P. O. Box 1326, Guelph, Ontario, Canada NIH 6N8).
- Lin, J., Hunkapiller, A.A., Layton, A.C. Y.J., Chang, K.R. 2013. Robbins Response of Intestinal Microbiota to Antibiotic Growth Promoters in Chickens. *Foodborne Pathog Dis*, 10 : pp. 331-337.
- Magdalena, S., G. H. Natadiputri, F. Nailufar dan T. Purwadaria. 2013. Pemanfaatan produk alami sebagai pakan fungsional. *J. Wartazoa*. 23 (1): 31-40.
- Mahady, G.B. 2005. Medical Plants for the Prevention and Treatment of Bacterial Infections. Department of Pharmacy Practice, Department of Medicinal Chemistry and Pharmacognosy, College of Pharmacy, WHO Collaborating Centre for Traditional Medicine, University of Illinois at Chicago, Chicago, II. 60612.
- Martawijaya, A., I. Kartasujana., K. Kadir dan S. A. Prawira. 1989. Atlas Kayu Indonesia Jilid I. Pusat Penelitian dan Pengembangan Hutan, Bogor.
- Medina, A.L., M. E. Lucero, F.O. Holquin, R.E. Estell, J.F Posakony, J. Simon, and M. O'Connell. 2005. Composition and antimicrobial activity of *Anemopsis californica* leaf oil. *J. Agri Food Chem.* 53:8694-8698.
- Medion Bulletin Service. 2006. Manual feed additive and feed supplement management. PT. Medion Indonesia. Jakarta.
- Mordue Luntz J & Nisbet, A.J. 2000. Azadirachtin from the neem tree *Azadirachta indica*: its action against insects. *An. Soc. Entomol. Brasil* 29(4): 615-632.
- Moritz, V, V. 2001. Antibiotic Resistance, With Special Reference to Poultry Production. Department of Veterinary Tropical Disease, Faculty of Veterinary Science, University of Pretoria, South Africa.
- Murwani, R. 2010. Broiler Modern. Widya Karya. Semarang (ID).
- Nunes P. X., Silva S. F., Guedes R. J., Almeida S. 2012. *Phytochemicals as Nutraceuticals—Global Approaches to Their Role in Nutrition and Health.* Biological oxidations and antioxidant activity of natural products.

- Nuraini, A. Djulardi dan M. E. Mahata. 2015. Pakan Non Konvensional Fermentasi untuk Unggas. Suka Bina Press, Padang.
- NRC. 1994. National Research Council. Nutrient Requirement of Poultry. 9th revisited National academy press, Washington D. C., U.S.A.
- Prescott, J.F. and Baggot, J.D. 1993. Antimicrobial Therapy in Veterinary Medicine. 2nd edition, pp 564-565: Iowa State University Press.
- Prihatman, K. 2000. Tentang Budidaya Pertanian: Kedelai. Deputi Menegistek Bidang Pendayagunaan dan Pemasyarakatan Ilmu Pengetahuan dan Teknologi.
- PT Charoen Pokphand. 2004. Manual Manajemen Broiler CP 707, Jakarta
- PT Charoen Pokphand Indonesia. 2006. Manajemen Broiler Modern. Kiat-kiat memperbaiki FCR. Technical service dan Development Departement, Jakarta.
- Rahmani A. H., Aly S. M. 2015. *Nigella sativa* and its active constituents thymoquinone shows pivotal role in the disease prevention and treatment. *Asian Journal of Pharmaceutical and Clinical Research*, 8(1):48–53.
- Rahmawati. Y. N., H. Hartadi dan Kustantinah. 2005. Kajian nilai metabolizable energi (ME) yang diestimasi dari analisis proksimat atau nilai produksi gas secara *in vitro*. Program Studi Ilmu Peternakan. Universitas Gadjah Mada. Yogyakarta.
- Randall, L.P., Ridley, A.M., Coole, S.W., Sharma, M., Sayers, A.R. and Pumbwe, L. 2003. Prevalence of multiple antibiotic resistance in 443 Campylobacter species Isolated from humans and animals. *J. Antimicrob Chemotherapy*. 52: 507-510.
- Rasyaf, M. 2004. Beternak Ayam Pedaging. Penebar Swadaya, Jakarta.
- Rasyaf. 2007. Beternak Ayam Broiler. Penerbit PT Swadaya, Jakarta
- Rasyaf. 2008. Panduan Beternak Ayam Pedaging. Edisi ke-1. Penebar Swadaya, Jakarta.
- Salamah. 2007. Pengaruh penggunaan bahan perekat dalam ransum bentuk crumble terhadap performan ayam broiler. Skripsi. Program Studi Ilmu dan Makanan Ternak. Fakultas Peternakan. Institut Pertanian Bogor, Bogor.
- Sarmiento W. C., Maramba C. C., Gonzales M. L. M. 2011. An in vitro study on the antibacterial effect of neem (*Azadirachta indica*) leaf extracts on methicillin-sensitive and methicillin-resistant *Staphylococcus aureus*. *PIDSP Journal*, 12(1):40–45.

- Selvaraj, M., & Mosses, M. 2011. Efficacy of *Melia azedarach* on the larvae of three mosquito species *Anopheles stephensi*, *Culex quinquefasciatus* and *Aedes aegypti* (Diptera: Culicidae). *European Mosquito Bulletin*. Vol. 29: 116-121.
- Sharma, Deepika and Yash Paul. 2013. Preliminary and Pharmacological Profile of *Melia azedarach* L.: An Overview. *Journal of Applied Pharmaceutical Science* Vol. 3 (12), pp. 133-138.
- Singh S, Pai DR, Yuhhui C .2013. Diabetic foot ulcer-diagnosis and management. *Clinical Research on Foot and Ankle*, 1(3): 120.
- Siregar, A. P., dan M. Sarbaini. 1980. Beternak Ayam Secara Modern. Magie Group, Jakarta.
- Standar Nasional Indonesia. 2006. SNI Ransum Broiler Starter 01-3930-2006. Badan Standar Nasional Indonesia.
- Standar Nasional Indonesia. 2008. Kumpulan SNI Bidang pakan. Direktorat Budidaya Ternak Non Ruminansia, Direktorat Jenderal Peternakan, Departemen Pertanian, Jakarta.
- Steel, R. G. dan J. H. Torrie. 1995. Prinsip dan Prosedur Statistik Suatu Pendekatan Biometrik. Edisi Ke-2, Diterjemahkan oleh Bambang Sumatri. PT. Gramedia Pustaka Utama, Jakarta.
- Sukrasno dan T. Lentera. 2003. Mimba, Tanaman Obat Multifungsi. Agromedia Pustaka, Jakarta.
- Suprijatna, E., U. Atmomarsono dan R. Kartasudjana. 2008. Ilmu Dasar Ternak Unggas. Penebar Swadaya, Jakarta.
- Tiwari, P., Kumar, B., Gurpreet, K., Harleen, K. 2011. Phytochemical Screening and Extraction: A Review, *International Pharmaceutical Science*, 1 (1), 99-106.
- Torok, G.E. Allison, N.J. Percy, K. Ophel-Keller, R.J. 2011. HughesInfluence of Antimicrobial Feed Additives on Broiler Commensal Posthatch Gut Microbiota Development and Performance. *Appl Environ Microbiol*. 77: pp. 3380-3390.
- Utami., Prupti and D. E. Puspaningtyas. 2013. The Miracle of Herb. PT. Agromedia Pustaka, Jakarta
- Uzer, F., N. Iriyanti dan Roesdiyanto. 2013. Penggunaan pakan fungsional dalam ransum terhadap konsumsi pakan dan pertambahan bobot badan ayam broiler. *J. Ilmiah Peternakan*.1 (1): 282-288.

- Van den Bogaard, A.E and Stobberingh, E.E. 2000. Epidemiology of resistance to antibiotics Links between animals and humans. *Int. J. of Anti. Agents* 14: 327–335.
- Wahju. 2004. Ilmu Nutrisi Unggas. Yogyakarta: Universitas Gajah Mada Press.
- Wahju, J. 2006. Ilmu Nutrisi Unggas. Edisi Kelima. Gadjah Mada University Press. Yogyakarta.
- Walton, J.R. 1977. A Mechanism of Growth Promotion: Non-Lethal Feed Antibiotic Induced Cell Wall Lesions in Enteric Bacteria. In: Antibiotics and Antibiosis. M. Woodbine (Ed.). Butterworths, London. pp 259-264.
- Wardani M. 2001. Mindi: Morfologi, Persebaran dan Tempat Tumbuh. Badan Penelitian dan Pengembangan Jakarta. Departemen Kehutanan.
- Wardiyono. 2008. *Glycine max L.* Merrill. Dikutip dari <http://www.proseakehati.com>. Diakses tanggal 23 April 2018.
- WHO, 1997. Dengue Haemorrhagic fever: Diagnostic, Treatment, Prevention and Control, 2nd ed., World Health Organization, Geneva.
- Wirapati, R.D. 2008. Efektivitas pemberian tepung kencur (*Kaempferia galanga linn*) pada ransum ayam broiler, kadar kolestrol, persentase hati dan bursa fabrisius. Skripsi. Institut Pertanian Bogor.