

DAFTAR PUSTAKA

- Afifa, L. H., Andayani, S., & Rahmawati, A. (2024). *Pengaruh Penggunaan Bacillus amyloliquefaciens dan Tepung Bambu pada Histologi Usus Udang Vaname (Litopenaeus vannamei) dalam Mencegah Infeksi Bakteri Vibrio parahaemolyticus*. Universitas Brawijaya.
- Ahmat, M., Cheng, J., Abbas, Z., Cheng, Q., Fan, Z., Ahmad, B., Hou, M., Osman, G., Guo, H., Wang, J. and Zhang, R. (2021). Effects of Bacillus amyloliquefaciens LFB112 on growth performance, carcass traits, immune, and serum biochemical response in broiler chickens. *Antibiotics*, 10(11), 1427.
- Amrullah, D. T., Widodo, N., Khasanah, H., & Jadmiko, M. W. (2024). Analisis Performa Produksi Ayam Broiler Strain Cobb 500 dan Cobb 700 Pada Fase Starter di Kandang Closed House PT DMC Malang. *Jurnal Peternakan Lingkungan Tropis*, 7(2), 7-13.
- Ardiansyah, F., Tantalo, S., & Nova, K. (2013). Perbandingan performa dua strain ayam jantan tipe medium yang diberi ransum komersial broiler. *Jurnal Ilmiah Peternakan Terpadu*, 1(2).
- Arsène, M. M., Davares, A. K., Andreevna, S. L., Vladimirovich, E. A., Carime, B. Z., Marouf, R., & Khelifi, I. (2021). The use of probiotics in animal feeding for safe production and as potential alternatives to antibiotics. *Veterinary world*, 14(2), 319.
- Astuti, F. K., Busono, W., & Sjoifjan, O. (2015). Pengaruh penambahan probiotik cair dalam pakan terhadap penampilan produksi pada ayam pedaging. *Indonesian Journal of Environment and Sustainable Development*, 6(2).
- Campbell, T. W. (2022). *Hematology of Birds*. In Mary Anna Thrall, Glade Weiser, Robin W. Allison and Terry W. Campbell. *Veterinary Hematology, Clinical Chemistry, and Cytology, Third Edition* (254-291). John Wiley & Sons, Inc.
- Campbell, T. W. Ellis C. (2007). *Avian and exotic animal hematology and cytology 3rd ed*. Iowa: Blackwell Publishing Professional.
- Clark, D., Youngblood, C., Taplin, M., Brown, E., Williams, B. S., Phillips, C., & Garner, B. (2014). Impact of iron availability on Bacillus amyloliquefaciens growth. *Advances in Microbiology*, 4(13), 962-967.
- Cobb-Vantress Inc. (2023). *Cobb Broiler Performance & Nutrition Supplement*. Diakses pada 21 April 2025 dari: <https://www.cobb-vantress.com>
- De Montijo-Prieto, S., Moreno, E., Bergillos-Meca, T., Lasserrot, A., Ruiz-López, M. D., Ruiz-Bravo, A., & Jiménez-Valera, M. (2015). A Lactobacillus

plantarum strain isolated from kefir protects against intestinal infection with *Yersinia enterocolitica* O9 and modulates immunity in mice. *Research in Microbiology*, 166(8), 626-632.

De Oliveira, M. J. K., Sakomura, N. K., de Paula Dorigam, J. C., Doranalli, K., Soares, L., & da Silva Viana, G. (2019). *Bacillus amyloliquefaciens* CECT 5940 alone or in combination with antibiotic growth promoters improves performance in broilers under enteric pathogen challenge. *Poultry Science*, 98(10), 4391-4400.

Edeh, I. E., Gworgwor, Z. A., Yusuf, H. B., & Soji, W. M. (2023). Hematology and Serum biochemistry of Broiler Chickens Fed Red Sorghum (*Sorghum bicolor* (L.) Moench) Based Diets supplemented with Complex Enzyme (Kingzyme®) in Girei, Adamawa State, Nigeria. *British Journal of Multidisciplinary and Advanced Studies*, 4(4), 77-87.

FAO. 2001. *The State of Food and Agriculture*. No. 33. Food & Agriculture Org.

Farhat-Khemakhem, A., Blibech, M., Boukhris, I., Makni, M., & Chouayekh, H. (2018). Assessment of the potential of the multi-enzyme producer *Bacillus amyloliquefaciens* US573 as alternative feed additive. *Journal of the Science of Food and Agriculture*, 98(3), 1208-1215. Farnell, M. B., Donoghue, A. M., De Los Santos, F. S., Blore, P. J., Hargis, B. M., Tellez, G., & Donoghue, D. J. (2006). Upregulation of oxidative burst and degranulation in chicken heterophils stimulated with probiotic bacteria. *Poultry science*, 85(11), 1900-1906.

Fink-Gremmels, J. (2012) *Animal Feed Contamination: Effects on Livestock and food Safety*. Woodhead Publishing, Sawston.

Gharib-Naseri, K., Dorigam, J. C., Doranalli, K., Morgan, N., Swick, R. A., Choct, M., & Wu, S. B. (2021). *Bacillus amyloliquefaciens* CECT 5940 improves performance and gut function in broilers fed different levels of protein and/or under necrotic enteritis challenge. *Animal Nutrition*, 7(1), 185-197.

Guyton, A.C., Hall, J.E. (2011) *Textbook of Medical Physiology 12th Edition*. Philadelphia: Elsevier.

Harrison, G. J., Lightfoot, T. L. 2006. *Clinical Avian Medicine Volume 1 & 2*. Florida: Spix Publishing, Inc.

Indonesia, B. P. S. (2024). *Produksi Daging Ayam Ras Pedaging menurut Provinsi - Tabel Statistik*. Badan Pusat Statistik Indonesia. Diakses pada 9 Januari 2025 dari <https://www.bps.go.id/id/statistics-table/2/NDg4IzI=/produksi-daging-ayam-ras-pedaging-menurut-provinsi.html>.

- Jackson, M. L. (2007). *Veterinary Clinical Pathology: An Introduction*. Iowa: Blackwell Publishing
- Li, S., Chen, P., Li, Q., Wang, X., Peng, J., Xu, P., Ding, H., Zhou, Z., Shi, D. and Xiao, Y. (2024). *Bacillus amyloliquefaciens* TL promotes gut health of broilers by the contribution of bacterial extracellular polysaccharides through its anti-inflammatory potential. *Frontiers in Immunology*, 15, 1455996.
- Muhsin, S. N., Abass, A. A., Al-Shareefi, A. L. M. (2022). Review about Probiotics, What are they, Mode of action and Health Benefits. *Azerbaijan Medical Journal*. 62 (10): 6029-6038.
- Peng, M., Salaheen, S., & Biswas, D. (2014). Animal health: global antibiotic issues. *Encyclopedia of agriculture and food systems*, 346.
- Ranjha, M. M. A. N., Shafique, B., Batool, M., Kowalczewski, P. L., Shehzad, Q., Usman, M., ... & Aadil, R. M. (2021). Nutritional and health potential of probiotics: a review. *Applied Sciences*, 11(23), 11204.
- Resvianto, F. 2016. *Pengaruh Luas Kandang dan Pemberian Beberapa Level Protein terhadap Jumlah Eritrosit, Kadar Hemoglobin dan Nilai Hematokrit Itik Kamang Betina Fase Starter*. Skripsi. Fakultas Peternakan. Universitas Andalas. Padang
- Richad, R., Pangestiningih, T. W., & Wibowo, M. H. (2022). The effects of *Bacillus amyloliquefaciens* CECT 5940 supplementation on the health performance and gut morphology of broiler chickens. *Global Journal of Veterinary Research*, 4(3), 74-82.
- Safitri, E., Plumerastuti, H. (2023). *Ayam Broiler: Aspek Fisiologi Reproduksi & Patologinya*. Surabaya: Airlangga University Press.
- Salasia, S. I. O., dan Hariono, B. (2016). *Patologi Klinik Veteriner*. Yogyakarta: Penerbit Samudra Biru.
- Sembulingam, K., Sembulingam P. (2012). *Essentials of Medical Physiology 6th Edition*. New Delhi: Jaypee Brothers Medical Publishers.
- Shini, S., Zhang, D., Aland, R.C., Li, X., Dart, P.J., Callaghan, M.J., Speight, R.E., Bryden, W.L. (2020). Probiotic *Bacillus amyloliquefaciens* H57 ameliorates subclinical necrotic enteritis in broiler chicks by maintaining intestinal mucosal integrity and improving feed efficiency. *Poultry Science*, 99(9), 4278-4293.
- Silbergeld, E. K., Graham, J., & Price, L. B. (2008). Industrial food animal production, antimicrobial resistance, and human health. *Annual review of public health*, 29, 151–169.

- Sun, Y., Zhang, Y., Liu, M., Li, J., Lai, W., Geng, S., Yuan, T., Liu, Y., Di, Y., Zhang, W., Zhang, L. (2022). Effects of dietary *Bacillus amyloliquefaciens* CECT 5940 supplementation on growth performance, antioxidant status, immunity, and digestive enzyme activity of broilers fed corn-wheat-soybean meal diets. *Poultry science*, *101*(2), 101585.
- Tangendjaja, B. (2018). *Strategi Cara Budidaya Unggas Tanpa AGP untuk Menghasilkan Performa yang Optimal*. Bogor: IRIAP Ciawi.
- Thantsha, M. S., Mamvura, C. I., & Booyens, J. (2012). Probiotics—what they are, their benefits and challenges. *New advances in the basic and clinical gastroenterology*, 21.
- Tomczyk, G., Niczyporuk, J. S., Kozdrún, W., Sawicka-Durkalec, A., Bocian, Ł., Barabasz, M., & Michalski, M. (2024). Probiotic supplementation as an alternative to antibiotics in broiler chickens. *Journal of Veterinary Research*, *68*(1), 147.
- Weiss, D. J., dan Wardrop, K. J. (2011). *Schalm's Veterinary Hematology*. USA: Wiley-Blackwell.
- Zhang, Z. F., & Kim, I. H. (2014). Effects of multistrain probiotics on growth performance, apparent ileal nutrient digestibility, blood characteristics, cecal microbial shedding, and excreta odor contents in broilers. *Poultry science*, *93*(2), 364-370