

DAFTAR PUSTAKA

- Afriza, Dwiki. 2018. Pengaruh penggunaan *microbubble generator* dan probiotik terhadap pertumbuhan nila merah (*Oreochromis sp.*) nilasa pada pendederan IV. Skripsi. Fakultas Pertanian Universitas Gadjah Mada.
- Agustin, R., Ade D. S., dan Yulisman. 2014. Konversi pakan, laju pertumbuhan, kelangsungan hidup dan populasi bakteri benih ikan gabus (*Channa striata*) yang diberi pakan dengan penambahan probiotik. *Jurnal Akuakultur Rawa Indonesia* 2 (1): 55-66.
- Ambara, I Putu Sattwika. 2017. Pengaruh *microbubble generator* terhadap kualitas air dan pertumbuhan lele (*Clarias sp*) yang dipelihara pada kedalaman yang berbeda. Skripsi. Fakultas Pertanian Universitas Gadjah Mada
- Amri, K. dan Khairuman. 2005. Budidaya Ikan Nila secara Intensif. PT Agromedia Pustaka. Jakarta.
- Atlas, M. R dan B. Richard. 1993. *Microbial Ecology. Fundamental and Application*. 3rd ed. The Benjamin Cummings Publishing Company, Lnc.
- Atitus, I. N. 2018. Isolasi dan Identifikasi Bakteri Selulolitik dari Beberapa Jenis Ikan Laut. Fakultas Pertanian. Universitas Gadjah Mada. Skripsi.
- Austin, B., dan Austin D.A. 1993. *Bacterial fish Pathogens*. In *Disease in Farmed and wild fish*. Ellis Horwood Ltd, Publisher, Chichester, England.
- Ayuningrum, S.B. 2018. Pengaruh berat tebar dan pakan berprobiotik terhadap tingkat stres dan pertumbuhan nila merah nilasa (*Oreochromis sp.*) pada tahap pembesaran. Fakultas Pertanian. Universitas Gadjah Mada. Skripsi.
- Boyd C E. 1998. Pond water aeration systems. *Aquacult Eng*, 18(1): 9–40
- Brown AC, Valiere A. 2004. Probiotics and medical nutrition therapy. *Nutrition in Clinical Care* 7(2):56-68
- Buruina, C.T., Profir, dan Vizireanu. 2014. Effects of probiotic *Bacillus* species in aquaculture – an overview. *The Annals of the University Dunarea de Jos of Galati Fascicle VI-Food Technology* 38 (2) :9-17
- Budhijanto, W., Deendarlianto, Y.S. Pradana & M. Hartono. 2017. Application of *micro bubble generator* as low cost and high efficient aerator for sustainable fresh water fish farming. *AIP Conference Proceedings* 1840 : 110008-1 – 110008-8. American Institute of Physics
- Champman, F.A. 2006. *Culture of hybrid tilapia*. Institute of food and agriculture science. University of Florida, United States.

- Deendarlianto, Wiratni, A.E. Tontowi, Indarto dan A.G.W. Iriawan. 2015. The Implementation of a Developed *Microbubble Generator* on the Aerobic Wastewater Treatment. *International Journal of Technology*. 6 : 924-930.
- Dhanalakshmi G., Reniprabha A., dan Chandarakala A. 2015. Studies on the effect of commercial probiotic application in the growth of the fish *Cyprinus carpio*. *International Journal of Advanced Research* 3(8):708-712.
- El Adab, S., I. Essid and M. Hassouna. 2014. Effect of starter cultures on microbial and physicochemical parameters of a dry fermented poultry meat sausage. *Afr. J. Biotechnol.* 13 : 4155–4164
- Fuller, R. 1987. A review, probiotics in man and animals. *Journal of Applied Bacteriology*, 66: 365-378
- Gil-Turnes, C., Conceição, F.R., Gil De Los Santos, J.R., 2007. *Bacillus cereus* var. *toyoi* improves feed efficiency and health in animals. *Int. J. Probiotics Prebiotics* 2 : 21–28.
- Glencross B D. 2009. Reduced water oxygen levels affect maximal feed intake, but not protein or energy utilization efficiency of rainbow trout (*Oncorhynchus mykiss*). *Aquac Nutr*, 15(1): 1–8.
- Guo, J.J., K.F. Liu, S.H. Cheng, C. Chang, J.J. Lay, Y.O. Hsu, J. Y. Yang and T.Y. Chen. 2009. Selection of probiotic bacteria for use In shrimp larviculture. *Aquaculture Research*. Blackwell Publishing. 40 : 609-618.
- Hastuti, S.D. dan Karoror, R.J. 2007. Pengaruh Pemberian LPS (Lipopolisakarida) terhadap Aktivitas Fagositosis dan Jumlah Eritrosit Darah Ikan Nila (*Oreochromis sp.*). *Jurnal Protein* 15 (1): 10-5
- Khairuman, dan K. Amri. 2002. *Budidaya Lele Dumbo Secara Intensif*. Agro Media Pustaka. Jakarta.
- Kharisma, A., dan A. Manan. 2012. Kelimpahan bakteri *Vibrio sp.* pada air pembesaran udang *Vannamei* (*Litopenaeus vannamei*) sebagai deteksi dini serangan penyakit vibriosis. *Jurnal Ilmiah Perikanan dan Kelautan*, 4 (2) : 129-134
- Khusro, A., C. Aarti, A. Dusthacker and P. Agastian. 2018. Anti-tubercular and probiotic properties of coagulase-negative staphylococci isolated from Koozh, a traditional fermented food of South India. *Microbial Pathogenesis* 114 : 239-250.
- Li, P and D.M. Gatlin III. 2006. Nucleotide nutrition in fish: Current knowledge and future application. *Aquaculture* 251 : 141 – 152
- Liu H Y, Qu K M, Miao S S. 2005. Survey of both the variation and the absorption and consumption budget of dissolved oxygen in culture ponds. *Mar Fish Res*, 26(2): 79–85.
- Madenjian C P. 1990. Patterns of oxygen production and consumption in intensively managed marine shrimp ponds. *Aquac Res*, 21(4): 407–417.

- Mansyur, A. dan A.M. Tangko. 2008. Probiotik pemamfaatan untuk makanan ikan berkualitas rendah. *Akuakultur* 2 (2): 145-149.
- Opiyo, M.A., ^{ab}JamesJumbe^aCharles C.Ngugi^cHarrisonCharo-Karisa^d.2019. Different levels of probiotics affect growth, survival and body composition of Nile tilapia (*Oreochromis niloticus*) cultured in low input ponds. *Scientific African* Volume 4. e00103.<https://doi.org/10.1016/j.sciaf.2019.e00103>
- Perdana, M.A., Nurhasan F., Alfin H., M. Agam D., Deendarlianto, Wiratni dan Akmal I.M. 2016. Pengujian Kapabilitas dan Konsumsi energi micro-bubble *generator* pada Proses Pengolahan Air Limbah Lindi di TPST Piyungan, Bantul, Yogyakarta. *Proceeding National Symposium on Thermofluids VIII*.
- Pieters,N., J. Brunt, B. Austin and A.R. Lyndon. 2008. Efficacy of in-feed probiotics against *Aeromonas bestiarum* and *Ichthyophthirius multifiliis* skin infections in rainbow trout (*Oncorhynchus mykiss*, Walbaum) *Journal of Applied Microbiology* 105 : 723-732.
- Roissart, De H. & F.M. Luquet. 1994. *Bactéries lactiques: Aspects fondamentaux et technologiques* 2: 169-182.
- Sadatomi, M., Akimaro K., Fuminori M., and Takanao K. 2007. An advanced *microbubble* and its advantages to a newly developed bubble-jet-type air-lift pump. 19 (4): 323-342.
- SIDATIK. 2018. Satu Data Produksi Kelautan dan Perikanan Tahun 2017. Pusat Data, Statistik, dan Informasi Kementerian Kelautan dan Perikanan (Pusdatin-KKP). <http://sidatik.kkp.go.id/>. Diakses pada 16 Juni 2019.
- Secombes, C.J. and T.C. Fletcher. 1992. The role of phagocytes in the protective mechanisms of fish. *Annual Rev. of Fish Diseases* pp. 53-71. Pergamon Press Ltd.
- Sulistya, H.E. 2018. Pengaruh Dosis Kandidat Probiotik BALSS pada Pakan Terhadap Pertumbuhan Nila Merah (*Oreochromis sp.*). Fakultas Pertanian. Universitas Gadjah Mada. Skripsi.
- Suyanto. 2003. *Pembenihan dengan Pembesaran Nila*. Penebar Swadaya. Jakarta.
- Tsutsumi, H. & Takase, I. 2015. *Microbubble-generating apparatus*.
- Van Hai, Ngo. 2015. Research findings from the use of probiotics in tilapia aquaculture: A review. *Fish & Shellfish Immunology*, 45 : 592-597
- Wardika, S.A., Suminto, dan Agung Sudaryono. 2014. Pengaruh bakteri probiotik pada pakan dengan dosis berbeda terhadap efisiensi pemanfaatan pakan, pertumbuhan dan kelulushidupan lele dumbo (*Clarias gariepinus*). *Journal of Aquaculture Management and Technology* 3 (4) : 9 – 17.