

DAFTAR PUSTAKA

- Afrianto, E. and E. Liviawaty. 2005. Pakan Ikan. Kanisius. Yogyakarta.
- Altay, A., H.Bayhan and L. Akca. 1996. Nutrient removal efficiency of the natural treatment system utilizing duckweed. I st Uludag Environmental Engineering Symposium, Bursa.
- Anggraeni, N.M and N. Abdulgani. 2013. Pengaruh Pemberian Pakan Alami dan Pakan Buatan Terhadap Pertumbuhan Ikan Betutu (*Oxyeleotris marmorata*) pada Skala Laboratorium. Jurnal Sains dan Seni Pomits. Vol.2, No. 1: 2337-3520.
- Anshory, H. 2007. Jurnal Ilmiah Farmasi. Formulasi tablet Effervescent dari Ekstrak Ginseng Jawa (*Talinum paniculatum*) dengan Variasi Kadar Pemanis Aspartam. Vol. 4, No. 1.
- AOAC (Association of Official Analytical Chemist). 2005. Official methods of analysis of the association of official analytical chemist 18th edition. Gaithersburg, AOAC International, USA.
- Balogopolan, C., G. Padmaja, S.K. Nanda and S.N. Moorthy. 1988. Cassava in food, feed and industry. Irc Press, florida.
- Behnke, K.C. 2001. Factors Influencing Pellet Quality. Departement of Grain Science and Industry. Kansas State University. Manhattan
- Cahyono, B. 2000. Budidaya Ikan Air Tawar. Kanisius. Yogyakarta.
- Cheng, J., B.A. Bergmann, J.J. Classen, J.W. Howard and Y.T. Yamamoto: Nutrient removal from swine lagoon liquid by *Lemna minor* 8627. Am. Soc. Agri. Eng., 45, 1003-1010 (2002).
- Dani, N. P., A. Budiharjo and S. Listyawati. 2005. Komposisi Pakan Buatan untuk Meningkatkan Pertumbuhan dan Kandungan Protein Ikan Tawe (*Puntius javanicus* Blkr.). BioSmart, 7 (2): 83-90.
- deMan. 1999. Principle of Food Chemistry. Connecticut: The Avi Publishing Co., Inc., Westport.
- Devani, S., and Sri., B. 2015. Optimasi Kandungan Nutrisi Pakan Ikan Buatan dengan Menggunakan Multi Objective (Goal) Programming Model. Jurnal Sains, Teknologi dan Industri. Vol. 2. No.2. pp.255-261
- Djajasewaka, H., J. Subagja, R. Samsudin, A. Widiyati, and Winarlin. 2007. Perbaikan Manajemen Kolam Pendederan Ikan Nilem (*Osteochilus Hasselti*) Dengan Kedalaman 120 cm. Seminar Hasil Penelitian Balai Riset Perikanan Budidaya Air Tawar, Bogor.
- Effiong, B.N., Sanni, A and Sogbesan, O.A. 2009. Comparative Studies on the Binding Potensial and Water Stability of Duckweed meal, Corn Starch and Cassava Starch. New York Science Journal. 2(4): 50-57.
- Falayi B.A and O.E Sadiku. Biotechnology of Floating Feed Development. International Journal of Innovative Research and Development. 2013. Gupta, O. P. And P. S. Lamba. 976. Some Aspects of Utilization of aquatic weeds. In : Aquatic Weeds in South East Asia. Proceedings of a Regional Seminar on Noxious Aquatic Vegetation, New Delhi. 2(5): 387-1407.
- Faridah, D.N., H.D. Kusumaningrum, N. Wulandari, and D. Indrasti. 2006. Modul praktikum analisis pangan. Departemen Ilmu dan Teknologi Pangan. Fakultas Teknologi Pertanian. Institut Pertanian Bogor. Bogor. 47hlm.

- Felix, Eze and E.Y. Oscar. 2018. Floating and Stability Effect on Fish Feed Pellets Using Different Concentration of Baobab Leaf Meal (*Adansonia digitata*). *Journal of Fisheries and Aquatic Research*. 1(4):1-6.
- Furuichi, M. 1988. Carbohydrates. In: Watanabe T (ed). *Fish Nutrition and Mariculture*. Tokyo, Japan: Departement of Aquatic Biosciences, University of Fisheries. pp 44-55.
- Gusrina. 2008. *Budidaya Ikan*. Departemen Pendidikan Nasional. Jakarta.
- Haetami, Kiki., Junianto., Iskandar., Rostika, R., and Abun. 2017. Durability and Water Staability of Pellet Fish Supplementation Results pairing Coconut Oils and Hazelnut Oil. *International Journal of Environmet, Agriculture and Biotechnology (IJEAB)*. Vol 2.
- Hassan, M. S. and P. Edwards. 1992. Evaluation of Duckweed (*Lemna perpusilla* and *Spirodela polyrrhiza*) as feed for Nile tilapia (*Oreochromis niloticus*). *Aquaculture* 104 : 315-326
- Hastings, W. H. 1976. *Fish Nutrition and Fish Feed Manufacture*, Rep. From FAO, FIR: AQ/Conf.76.R, 73. Rome, Italy. 13 p.
- Hillman, W. S. and Culley, D. D. 1978. The Uses of Duckweed. *American Scientist* 66:442-451
- Iskandar., R, and Subhan., F. 2017. Analisa Proksimat Pakan Hasil Olahan Pembudidaya Ikan Di Kabupaten Banjar Kalimantan Selatan. *Ziraa'ah*, Volume 42 Nomor 1, Pebruari 2017 Halaman 65-68. E - Issn 2355-3545.
- Jangkaru, Z. 1974. *Makanan Ikan*. Lembaga Penelitian Perikanan Darat. Direktorat Jendral Perikanan. Bogor
- Jayaram, M.G. and H.P.C. Shetty, 1981. Formulation, processing and water stability of two new pelleted fish feeds. *Aquaculture*, 23: 355-359. *Aquaculture*, 23, 355.
- Jobling M, T. Boujard, and D. Houlihan. 2001. *Food Intake in Fish*. Great Britain, UK: Blackwell Science.
- Khairuman and K. Amri. 2003. *Membuat Pakan Ikan Konsumsi*. Agromedia Pustaka. Jakarta. Hal 17.
- Khater, E. G, A. H. Bahnasawy and S. A. Ali. 2014. Physical and Mechanical Properties of Fish Feed Pellets. *J Food Technol*. Vol 5, No. 10. ISSN: 2157-7110.
- Kurniawan A. and R.A Lestariadi. 2017. Induction of fish pellet making machine to improve feed community program in catfish farmers in mojokerto regency. *J Innov Appl Technol* 3:433-438. doi: 10.21776/ub.jiat.2017.003.01.16
- Leng, R.A., J.H. Stambolie, and R. Bell., 1995. Duckweed – a Potential High Protein Feed Resource for Domestic Animals and Fish. *Livestock Research for Rural Development*. Vol. 7 (1).
- Lim C. 1994. *Water stability* of Shrimp pellet : A Review. *Asian Fisheries Science* 7:115-127.
- Liu, K.S. 1999. Chemistry and nutritional value of soybean components. In *Soybeans: Chemistry, Technology and Utilization*. Aspen Publ. Inc.: Gaithersburg, Maryland, USA. pp. 25-113.
- Lovell, T. 1988. *Nutrition and Feeding of Fish*. Auburn University. New York. ISBN 0-442-25927-1. hal. 19
- Manley D. 2000. *Technology of Biscuits, Crackers and Cookies*. Third Edition. Woodhead Publishing Limited, England.
- McKee, J.W. 1988. Effect of wheat gluten on underwater pellet stability of pelleted catfish and shrimp diets. M.S. Thesis. Kansas State University, Manhattan.

- Meyer. 2001. Simposio Centro Americano de Acuacultura Proceedings: Tilapia Sessions, 22-24 August 2001. Tegucigalpa, Honduras, pp: 61-70.
- Mudjiman, A. 1985. Makanan Ikan. PT. Penebar Swadaya. Jakarta.
- Mudjiman, A. 2004. Makanan Ikan. PT. Penebar Swadaya. Jakarta.
- Murdinah. 1989. Studi Stabilitas dalam Air dan Daya Pikat Makanan Udang Berbentuk Pelet. Tesis. Fakultas Pasca Sarjana. Institut Pertanian Bogor.
- National Research Council (NRC). 1977. Nutrient Requirement of Warmwater Fish. National Academy of Sciences, Washington D.C.
- National Research Council (NRC). 1983. Nutrient Requirement of Warmwater Fish. National Academy of Sciences, Washington D.C.
- National Research Council. 1993. Nutrient Requirement of Warm Water Fishes. National Academy Press. Washington DC. 78.
- Novriadi, R. 2017. Peningkatan Nilai Nutrisi Kedelai untuk Pakan. Trobos aqua. Edisi 67.
- Pancho, J.V. and M. Soerjani. 1978. Aquatic weeds of Southeast Asia. Bogor: BIOTROP, SEAMEO, Regional Center for Tropical Biology 130 pp.
- Paramita, W.T. 2009. Handout Nutrisi Ikan. Fakultas Kedokteran hewan. Universitas Airlangga. Surabaya.
- Rasyaf, M. 1992. Seputar Makanan Ayam Kampung. Kanisius. Yogyakarta.
- Richard A. Howard. 2017. https://plants.usda.gov/java/usageGuidelines?imageID=Lemna_001_ahp.tif hosted by the Usda-National Research Councils Plants Database. Diakses pada 25 Februari 2018.
- Robin R. Buckallew. 2017. https://plants.usda.gov/java/usageGuidelines?imageID=leob2_001_avp.jpg hosted by the Usda-National Research Councils Plants Database. Diakses pada 25 Februari 2018.
- Rokey, G. and Huber, G. 1994. Extrusion processing of aquaculture feeds. In: McElhiney, R. R. (Ed.) Feed Manufacturing Technology IV. AFIA, Inc., Arlington, VA, USA pp 509-515.
- Rusoff, L. L., E. W. Blakeney and D.D. culley. 1980. Duckweeds (*Lemnaceae* Family) : A Potential Source of Protein and amino acids. J. Agric. Food Chem. 28: 848-850.
- Saade, E. and S. Aslamyah. 2009. Uji Fisik dan Kimiawi Pakan Buatan pada Udang Windu, *Panaeus monodon* yang Menggunakan Berbagai Jenis Rumput Laut sebagai Bahan Perekat. Jurnal Ilmu Kelautan dan Perikanan, 19:107-114.
- Saade E., Haryati and B. Faniarsih. 2013. Studi tentang Kualitas Fisik dan Kimiawi Pellet Produk Industri Pakan Ikan Skala Rumah Tangga di Sulawesi Selatan dan Upaya Pengembangannya. Konferensi Akuakultur Indonesia 2013.
- Sahwan, F.M. 2002. Pakan Ikan dan Udang. Penebar Swadaya. Jakarta.
- Satphaty B, B.D Mukherjee, A.K Ray. 2003. Effect of dietary protein and lipid levels on growth, feed conversion and body composition in rohu. *Labeo rohita* (Hamilton), *fingerlings*. Aqua. Nutr. 9: 17-24
- Setiyatwan, H., D. Saefulhajar, and U. Hidayat T. 2008. Pengaruh Bahan Perekat dan Lama penyimpanan terhadap Sifat Fisik Ransum Bentuk Pelet. Jurnal Ilmu Ternak. Vol. 8(2) : 105-108.
- Setyono. 2012. Konversi dan Konsumsi Pakan dari Formulasi Pakan dengan Kandungan Protein Berbeda. Veterinaria medika. Fakultas Kedokteran Hewan. Universitas Airlangga. Surabaya, 5(1): 14.

- Singh, I. 2013. *Biological Classification*. Hansraj College. University of Delhi. New Delhi.
- Sorensen P.L, K. Jauncey, and F. Areola. 2007. *A Short Handbook - Catfish Feed for Nigeria (materials storage, handling, stock and quality control, ingredients, feed formulation, feed use/husbandry and technical aspects of feed manufacture)*. The CDE, Brussels,.
- Sørensen, M. 2008. *Nutritional and Physical Quality of Aqua Feeds*. Conference Proceedings. IV International Conference, Fishery.
- Sramkova, Z., Gregova, E., and Sturdik, E. 2009. *Chemical Composition and Nutritional Quality of Wheat Grain*. *Acta Chimica Slovaca*. 2(1).115-138.
- Subandiyono and Sri Hastuti. 2016. *Buku Ajar Nutrisi Ikan*. Fakultas Perikanan dan Ilmu Kelautan. Universitas Diponegoro. Semarang.
- Suprpto, H. 1993. *Bertanam Kedelai*. Penebar Swadaya. Bogor.
- Syamsu J.A., M. Yusuf, and A. Abdullah. 2015. *Evaluation of Physical Properties of Oeedstuffs in Supporting the Developmen of Feed Mill at Farmers Group Scale*. *Journal of Advanced Agricultural Technologies*. 2.2.147-150.
- Thomas, M. And A.F.B. Van Der Poel. 1997. *Phisical quality of peleted animal feed 2. Contribution of processes and its condition*. *J. Anim. Feed Sci. Tech.* 64: 59-78.
- Wedge R.M. and J.E Burris. 1982. *Effect of light and Temperatur on duckweed photosinthesis*. *Aquatic Bot.* 13:133-140.
- Winarno, S. G., S. Fardiaz and D. Fardiaz. 1980. *Pengantar Teknologi Pangan*. Cetakan pertama. PT Gramedia Pustaka Utama, Jakarta.
- Winarsi, H. 2010. *Protein Kedelai dan Kecambah Manfaatnya bagi Kesehatan*. Kanisius Yogyakarta.