

DAFTAR PUSTAKA

- Afrianto, E. dan Liviawati, E. 2005. *Pakan Ikan*. Kanisius: Yogyakarta. 148 Hal.
- Akhmad, S., I. Mokoginta, Shafrudin, dan D. Jusadi. 1990. *Pengaruh makanan terhadap perkembangan dan pematangan gonad ikan kowan (Ctenopharyngodon idella)*. Direktorat Pembinaan Penelitian dan Pengabdian Pada Masyarakat, Fakultas Perikanan, Institut Pertanian Bogor. 55 hal.
- Al Amaoudi, MM., El-Nakadi AMN., El-Nouman BM. 1992. *Evaluation of dietary requirement of vitamin C for the growth of Orechromis spilurus fingerling in water from the red sea*. Aquaculture 105: 165-173.
- Dabrowski, K. 1991. *Comparative bioavailability of ascorbic acid and its stable form in rainbow trout*. School of Natural Resources, The Ohio State University Colombus: 344-356.
- Darwisito, S., Junior, MZ., Sjafei, DS., Manalu, W., dan Sudrajat A.O. 2006. *Kajian performans reproduksi perbaikan pada Kualitas telur dan larva ikan nila (Oreochromis niloticus) yang diberi vitamin E dan minyak ikan berbeda dalam pakan*. Jurnal Seminar Perikanan IV, Jatiluhur. 349 – 360 hal.
- Effendie, M, I. 1997. *Metoda biologi perikanan*. Yayasan Dewi Sri. Cikuray 46 – Bogor. 112 hal.
- Furuichi, M. 1988. *Dietary requirements In Fish nutrition and mariculture*. T. Watanabe (ed.), Kanazawa International Fisheries Center, japan International Cooperation Center.
- Gammanpila, M., Yakupity Age, A., Bart, A. 2007. *Evaluation of the effects of dietary vitamin C, E and Zinc supplementation on reproductive performance of Nila tilapia (Oreochromis niloticus)*. Sri Lanka J Aquat, Sci. 12: 39-60.

- Halver, J.E. 1989. *The vitamins of Fish nutrition*, J.E. Halver (ed.). Academic Press, Inc., California.
- Hepher, B., 1990. *Nutrition of pond fishes*. Cambridge University Press. Cambridge New York. 388pp
- Ishibashi Y, Kato K, Ikeda S. 1994. *Effect of dietary ascorbic acid supplementation on gonadal maturation in Japanese parrot fish*. Suisanzoshoku 42: 279-285.
- Izquierdo, M.S., H.Fernandes-Palacios, and A.G.J. Talcon. 2001. *Effect of broodstock nutrition on reproductive performance of fish*. Aquaculture, 197: 25-42.
- Jombling, M. 1994. *Fish bioenergetics*. Chapman and Hall, London. 309 pp.
- Kamler, E. 1992. *Early life history of fish. An energetic approach*. Chapman and Hall London. 267 pp.
- Khaidir, A. 2001. *Pengaruh vitamin C dalam bentuk L-Askorbil-2-fosfat Magnesium sebagai sumber vitamin C dalam pakan terhadap kualitas telur ikan patin (Pangasius hypophthalmus)*. Tesis, Pascasarjana, IPB. 62 hal
- Lee, K.J., and Dabrowsk, K. 2003. *Long-term effects and interactions of dietary vitamins C and E on growth and reproduction of yellow perch, Perca flavescens*. The Ohio State University. 377-389pp.
- Lehninger, A.L. 1982. Dasar-dasar biokimia. Jilid I. Erlangga, Jakarta. 369 hal.
- Linder, M. C. 1992. *Biokimia nutrisi dan metabolism*. UI Press. 780 hal.
- Lovell, T. 1988. *Nutrition and feeding of fish*. Van Nostrand Reinhold. New York. 258pp.
- Machlin, L.J. 1990. *Hand book of vitamin. Second Edition*. Revised and Expanded. 594 pp.
- Mahyuddin, K. 2008. *Panduan lengkap Agribisnis lele*. Penebar Swadaya. Jakarta 78 hal.
- Masumoto TH, Hosokawa, Shimeno S. 1991. *Ascorbic acid role in aquaculture nutrition*. DN Akiyama, Tan RKH, (eds): *Feed processing and nutrition workshop*. Proceeding of the aquaculture 1991 September 19-25. Thailand-Indonesia. American Soybean Association, Republic of Singapore: 42-48.
- Mokoginta, I. 1991. *Kebutuhan ikan lele (Clarias batrachus Linn) akan asam lemaak essensial bagi perkembangan induk*. Direktorat Pembinaan,

Penelitian dan Pengabdian Pada Masyarakat, Fakultas Perikanan, IPB. 64 hal.

Mokoginta, I., D. Jusadi., M. Setiawati., dan A. Suprayudi. 2000. *Kebutuhan asam lemak esensial, vitamin dan mineral dalam pakan induk Pangasius pangasius untuk reproduksi*. Laporan Penelitian, IPB. 54 hal

Mushiake, K., A., Arai, A. Matsumotoo, H. Shimma and I. Hasegawa. 1993. Artificial insemination from 2-year-old cultured yellowtail fed with pellets. Bull. Japan. Soc. Sei Fish. 59

NRC (National Research Council). 1977. *Nutrient requirements of warm water fishes*. National Academic of Science, Washington, D.C. 78 pp.

NRC (National Research Council). 1993. *Nutrient requirements of fish*. National Academic of Science, Washington, D.C. 115 pp.

Priyono, A., Sugama K., Azwar Z.I., Setiadharma T., dan T Sutarmat. 1996. *Pengaruh suplementasi askorbil fosfat magnesium dalam pakan terhadap reproduksi ikan bandeng (Chanos-chanos)*. Laporan Proyek Penelitian Perikanan Pantai.Gondol.

Sandnes, K., Braekkan O.R., Utne F. 1984. *The effect of ascorbic acid supplementation in broodstock feed on reproduction of rainbow trout (Oncorhynchus mykiss)*. Aquaculture, 43: 167-177.

Schreck, C.B. and P.M. Moyle. 1990. *Methods for fish biology*. American Fisheries Society Bhesda, Moryland, USA. 688 pp

Sinjal, H.J. 2007. *Kajian penampilan reproduksi ikan lele (clarias gariepinus) betina melalui penambahan Ascorbyl phosphate magnesium sebagai Sumber vitamin c dan implantasi dengan Estradiol-17 β* . Tesis, Pascasarjana, IPB. 78 hal.

Soliman, A.K., Jauncey K., Robert R.J. 1986. *The effect of dietary ascorbic acid suplementation on hatchability, survival rate and fry performance in Oreochromis mossambicus*. Aquaculture 59:197-208.

Subagja, J. 2006. *Implantasi LHRH-a dengan kombinasi dosis 17 α -metil testosterone terhadap perkembangan gonad Ikan Balashark (Balantiocheilus melanopterus)*. Tesis, Pascasarjana, IPB. 39 hal.

Sudaryanto, Thariq. M dan Minjoyo Herno. 1999. *Produksi telur pada pembenihan ikan kerapu tikus (Cromileptes altivelis)*. Balai Budidaya Laut. Lampung.

Sunarma, A. 2004. *Peningkatan produktivitas usaha Lele Sangkuriang (Clarias sp)*. BBAT. Sukabumi.

- Suryanti, Y., Rina, Widiyati, A. 2002. *Peranan Vitamin E Dalam Perkembangan Gonad Ikan*. Warta Penelitian Perikanan Indonesia Vol. 8 No. 1. BPPAT Sukamandi.
- Suyanto, S.R. 1982. *Budidaya ikan lele*. Penebar Swadaya. Jakarta. 46 hal.
- Syahrizal, 1998. Kadar Optimum Vitamin E dalam Pakan Induk Ikan Lele (*Clarias Batrachus*). Tesis, Pascasarjana, IPB. 70 hal.
- Tamaru, C.S., A. Harry, and S.L. Cheng. 1994. *Fatty acid and amino acid profile of spawned eggs of striped mullet, Mugil cephalus L.* Aquaculture, 105:83-94.
- Tang, U. M. dan R. Affandi. 2000. *Biologi reproduksi ikan*. Bogor. 150 hal.
- Utiah, A. 2006. *Penampilan reproduksi ikan baung dengan pemberian pakan buatan yang ditambahkan asam lemak n-6 dan n-3 dan dengan implantasi estradiol-17B dan tiroksin*. Disertasi. IPB.
- Veronica R. Alava, A. Kanazawa, S. Teshima, S. Koshio. 1993. *Effect of vitamin A, E, and C on ovarian development of *Peneus japonicas**. Nippon Suisan Gakkaishi. 59(7) 1235-1241.
- Waagbo R.T., Thorson., Sandnes K. 1989. *Role of dietary ascorbic acid in vitellogenesis in rainbow trout*. Aquaculture 80:301-314.
- Watanabe, T., Fujimura, M. J. Lee, K. 1991. *Effeck of polar and nonpolar lipids from krill on quality of eggs of red seabream *Pagrus major**. Nippon Suisan Gakkaishhi. 57: 695-698.
- Watanabe, T. 1988. *Fish nutrition and mariculture*. JICA. The General Aquaculture Course. Dept. of Agriculture Bioscience. Tokyo University. 233p
- Wilson, R.P. 1994. *Utilization of dietary carbohydrate by fish*. Aquaculture, 124: 67-80.
- Xu, Xi., W.J. Ji., J.D. Castell, and R. O'Dor. 1993. *The nutritional value of dietary n-3 and n-6 fatty acid for chinese prawn (*Penaeus dunensis*)*. Aquaculture, 118:277-285.
- Yaron, Z. 1995. *Endocryne control of gametogenesis and spawning induction in the carp*. Aquaculture, 129 : 49-73
- Yulfiperius. 2001. *Pengaruh kadar vitamin E dalam pakan terhadap kualitas telur Ikan Patin (*Pangasius hypophthalmus*)*. Tesis, Pascasarjana. IPB. 40 hal.