

DAFTAR PUSTAKA

- Agarwal, S. dan A. V. Rao. 1998. Tomato Lycopene and Low Density Lipoprotein Oxidation : A Human Dietary Intervention Study. *Lipids*. 33 : 981 – 984.
- 2000. Tomato Lycopene and its Role in Human Health and Chronic Diseases. *Can Med Assoc J*.
- Amrullah, I. K. 2004. *Nutrisi Ayam Petelur*. Cetakan ke-3. Bogor : Lembaga Satu Gunung Budi.
- Anderson, TJ, J. Gregoire, R.A. Hegele, P. Couture, G.B.J. Mancini, G.A. Francis, 2013. Update of the canadian cardiovascular society guidelines for the diagnosis and treatment of dyslipidemia for the prevention of cardiovascular disease in the adult. *Canadian Journal of Cardiology*. Kanada.
- Arab, L. and S. Steck. 2000. Lycopene and Cardiovascular Disease. *American Journal of Clinical Nutrition*. 71 : 1691-1695.
- Badan Standarisasi Nasional. 2006. SNI-01-3929-2006. Pakan Ayam Ras Petelur. Badan Standarasai Nasional. Jakarta.
- Barter, P., 2005, The Role of HDL-Cholesterol in Preventing Atherosclerotic Disease, *European Heart Journal Supplements*, 7, F4-F8.
- Basmacioglu H.,and M. Ergul, (2005): Research on the factors affecting cholesterol content and some other characteristics of eggs in laying hens – The effects of genotype and rearing system. *Turk. J. Vet. Anim. Sci.*, 29, 157– 164
- Bramley, P M., 2000. Is lycopene beneficial to human health?. *Phytochemistry* 54 233-236.
- Brown, M. S. & J. L. Goldstein. 1986. A receptor-mediated pathway for cholesterolhomeostasis,*Science*
- Campbell K. J., K. Canene-Adams, L. Lindshield, Brian, M.W. Boileau Thomas, KS Clinton., Jr. W.J. Erdman, 2004, “Tomato Phytochemicals and Prostate Cancer Risk”, *International Research Conference on Food, Nutrition, and Cancer*

- Cedar, J., S. B. Hastings and L. Kohlmeier. 2000. Anti oksidant from carrot in cardiovascular and cancer disease prevention. *The American J. of Clinical Nutrition* 82: 175-180.
- Clinton, S. K. 1998. Lycopene chemistry, biology, and implications for human health and diseases, *Nutrition Reviews* ;56:35-51.
- Dalimartha, S. 2007. *Atlas Tumbuhan Obat Indonesia*. Jilid Ketiga. Jakarta: Trubus Agriwidya. Hal. 175-177.
- Danil, G., A. P. Alexia, G. Adrian, M. M. Mohammad, A. Letta, A.K. Jan, dkk. 2011. Characterization of antioxidant/anti-inflammatory properties and ApoA-I-containing subpopulations of HDL from family subjects with monogenic low HDL disorders. *National Center for Scientific Research Demokritos. Yunani*. 412(13-14):1213-1220.
- Darwin, S. C., S. Knapp and I. E. Peralta. 2003. Taxonomy of tomatoes in the Galápagos Islands: Native and introduced species of *Solanum* section *Lycopersicon* (Solanaceae).
- Dyah, P. 2010. Pengaruh pemberian ekstrak labu siam (*Sechium edule* (Jacq.) Sw.) Terhadap kadar kolesterol LDL tikus putih *rattus norvegicus* yang diinduksi dengan pakan hiperkolesterolemia. Surakarta: Universitas sebelas maret.
- Fadilah, R. dan Fatkhuroji. 2013. *Memaksimalkan Produksi Ayam Ras Petelur*. Agromedia Pustaka. Jakarta.
- Firmanto, B. H. 2011. *Sukses Bertanam Tomat Secara Organik*. Bandung: Angkasa. Hal. 10-11.
- Friedewald WT, R.I. Levy, D.S. Fredrickson, 1972. Estimation of the concentration of low-density lipoprotein cholesterol in plasma, without use of the preparative ultracentrifuge. *Clin Chem*;18:499-502.
- Fuhramn B, A. Elis , and M. Aviram. 1997. Hypocholesterolemic effect of lycopene and b-carotene is related to suppression of cholesterol synthesis and augmentation of LDL receptor activity in macrophage. *Biochem Biophys Res Commun* 233:658–662.
- Ghaffari, M.A. and T. Ghiasvand, 2009. The study of kinetic inhibition of copper (II)-induced oxidation of Low-Density Lipoprotein by Lycopene., 35: 228-240.
- Gotto, A. M., Jr, H. J. Pownall, and R.J. Havel. 1986. Introduction to the plasma lipoproteins. *Methods Enzymol*.

Skripsi Ini Bagian Dari Penelitian SKIM HIKOM Tahun kedua dari Prof. Dr. Ir. Maria Endo Mahata, MS, Prof. Dr. Ir. Yose Rizal, M.Sc, Prof. Ardi, M.Sc. Kontrak Nomor : 020/SP2H/LT/DRPM/II/2016/Tanggal 17 Februari,2016.

- Heber, D. 2006. Mechanisms of action of likopen. In: RaoAV, editor, Tomatoes, likopen and human health. Scotland: Caledonian Science Press.
- Heslet, L. 1996. Kolesterol. Terjemahan Anton Adiwijoto. PT.Kesaint Blanc Indah: Jakarta.
- Hidayat, T. 2016. Pengaruh Pemberian Tomat (*Lycopersicum esculentum*) Afkir Dalam Ransum Terhadap Performa Ayam Petelur. Padang : Fakultas Peternakan Universitas Andalas.
- Jalalinasab A., A. Nobakht and S. Razzaghzadeh. 2014. The Effects of Different Levels of Tomato Pomace and Processing Methods on Production Performance and Blood Metabolites of Native Laying Hens . Islamic Azad University, Rasht Branch, Rasht, Iran.
- Iswari, R.S. 2009. Perbaikan fraksi lipid serum tikus putih hiperkolesterolemi setelah pemberian jus dari berbagai olahan tomat. Semarang: Jurusan Biologi Fakultas MIPA Universitas Negeri Semarang.
- Kershaw, E. Erin, Flier, and S. Jeffrey. 2004. Adipose Tissue As An Endocrine Organ. The Journal of Clinical Endocrinology&Metabolism, 89(6):2548-2556.
- Laboratorium Bioteknologi Ternak. 2015. Fakultas peternakan. Universitas Andalas. Padang.
- Laboratorium Nutrisi Non Ruminansia. 2015. Fakultas peternakan. Universitas Andalas. Padang.
- Laboratorium Nutrisi Non Ruminansia. 2016. Fakultas peternakan. Universitas Andalas. Padang.
- Leeson, S. and J. D., Summers. 2001. Nutrition of the Chicken. Edisi ke-4. Canada: University Books.
- , 2005. Commercial Poultry Nutrition. 3rd Edition. University Brooks. Canada.
- Lembaga Ilmu Pengetahuan Indonesia (LIPI), 2009. Pangan dan Kesehatan, Kolesterol. Jakarta.
- Levi, L. I. Pekarski , E. Gutman, P. Fortina, T. Hyslop, J. Biran, B. Levavi and E. Lubzens. 2009. Licensee BioMed Central Ltd.
- Mahata, M. E, Y. Rizal dan Ardi. 2015. Pengaruh Penggunaan Limbah Tomat (*Solanum lycopersicum*) Terhadap Performa Ayam Broiler. Laporan Hibah Kompetensi DIKTI. Universitas Andalas. Padang.

Skripsi Ini Bagian Dari Penelitian SKIM HIKOM Tahun kedua dari Prof. Dr. Ir. Maria Endo Mahata, MS, Prof. Dr. Ir. Yose Rizal, M.Sc, Prof. Ardi, M.Sc. Kontrak Nomor : 020/SP2H/LT/DRPM/II/2016/Tanggal 17 Februari,2016.

- Marisa, P. and P. Riso. 2005. Promises and perils of lycopene / tomato supplementation and cancer prevention : what are typical lycopene intaker ?. *J. Nutr.* 135 : 2042s – 2045s.
- Marks, D.B., D.A. Marks and C.M. Smith, 1996. *Basic Medical Biochemistry, A Clinical Approach.* USA: Williams and Wilkins Baltimore.
- Mateljan,,G..2007.TheWorld'sHealthiestFoods.<http://www.whfoods.org/genpage.php?tname=foodspice&dbid=44>. di akses 31 Januari 2016.
- Montgomery, R., R. L. Dryer, T. W. Conway and A. A. Spector. 1993. *Biokimia Jilid 1. Edisi Keempat (Terjemahan: M. Ismadi and S. Dawiesah).* Gajah Mada University Press., Yogyakarta.
- Murray, R.K., D.K. Granner, P.A. Mayes dan V.W. Rodwell, 2003. *Biokimia Harper Edisi 25.* Jakarta : Buku Kedokteran EGC.
- Murray, R.K., K.G. Darly, W.R. Victor, 2009. *Lipid yang Penting Secara Fisiologis in : Biokimia Harper. 27th ed.* Jakarta, pp.38-128, 225-250
- National Research Council (NRC). 1994. *Nutrient Requirements of Poultry Eighth Revised Edition.* National Academy of Sciences. Washington, DC.
- Nobakht A. and A.R. Safamehr, 2007. The effect of inclusion different levels of dried tomato pomace in laying hens diets on performance and plasma and egg yolk cholesterol contents. *J. Anim. Vet. Adv.* **6(9)**, 1101-1106.
- Nuraini. 2006. *Potensi kapang karotenogenik untuk memproduksi pakan sumber β karoten dan pengaruhnya terhadap ransum ayam pedaging dan petelur.* Disertasi. Program Pasca Sarjana Universitas Andalas, Padang.
- Plantamor. 2012. *Informasi Spesies Tomat.* <<http://www.plantamor.com/index.php?plant=1165>> Diakses pada tanggal 8 November 2013
- Pusat Data dan Sistem Informasi Kementerian Pertanian. 2014. *Outlook Komoditi Tomat.* Sekretariat Jenderal Kementerian Pertanian.
- Rao, A. V. and S. Agarwal. 1998. *Tomato Juice Protects Against Atherosclerosis and Coronary Heart Disease.* *Lipids Journal.*
- 1999. *Role of lycopene as antioxidant carotenoid in the prevention of chronic diseases: a review.* *Nutr Res* 19:305–323.
- Sacher R. A. and R. A. Pherson, 2004. *Tinjauan klinis hasil pemeriksaan laboratorium. Edisi II.* Penerjemah: Brahm Pendit, Dewi Wulandari. Jakarta: EGC.

- Sahin, K. dan O. Kucuk. 2003. Zinc supplementation alleviates heat stress in laying Japanese quail. *The American Society for Nutritional Sciences*. 9: 2808-2811.
- Salajegheh, M. H., S. Ghazi, R. Mahdavi and O. Mozafari. 2012. Effects of Different Levels of Dried Tomato Pomace on Performance, Egg Quality and Serum Metabolites of Laying Hens. *African Journal of Biotechnology* 11(87): 15373-15379.
- Sanjiv, A. and AV. Rao. 2000. Tomato Lycopene and Its Role in Human Health and Chronic Disease. *Canadian Medical Association Journal*. Vol. 163(6) : 739-744.
- Scott, M.L.M.C. Nesheim and R.J. Young. 1982. *Nutrition of the Chickens*. Second Ed. M.L.Scott and Associates, Ithaca, New York
- Shi, J. and M. Le Maguer. 2000. Lycopene in Tomatoes : Chemical and Physical Properties Affected by Food Processing. *Critical Review of Food Science and Nutrition*. 40(1) : 1-42.
- Sies, H. 1992. Antioxidant Functions of Vitamin: vitamins E and C, A-carotene and other carotenoids. *Ann N Y Acad. Ci*, 69, 7-20
- Soeharto, I. 2004. *Penyakit Jantung Koroner dan Serangan Jantung edisi kedua*. Jakarta : PT Gramedia Pustaka Utama.
- Sormin, Ida P, Lukito W, Wijaya A, Suryani. 2010. Gangguan biogenesis High Density Lipoprotein (HDL) pada pria dewasa dengan sindrom metabolik. *Maj Kedokt Indon*. 60(8):351-355
- Stahl, W. and H. Sies, 1992. Uptake of lycopene and its geometrical isomers is greater from heat processed than from unprocessed tomato juice in humans. *J Nutr* 122:2161-2166.
- Steel, R. G. D., and T.H. Torrie, 1995. *Prinsip dan Prosedur Statistik Suatu Pendekatan Biometrik*. Eddisi kedua. PT. Gramedia Pustaka Utama, Jakarta.
- Sudaryani, T. dan H. Santosa. 2000. *Pembibitan Ayam Ras*. PT. Penebar Swadaya. Jakarta
- Sulistyowati, Y. 2006. Pengaruh Pemberian Likopen Terhadap Status Antioksidan (Vitamin C, Vitamin E Dan Gluthathion Peroksidase) Tikus (*Rattus Norvegicus Galur Sprague Dawley*) Hiperkolesterolemik. Univ.Diponegoro.

Skripsi Ini Bagian Dari Penelitian SKIM HIKOM Tahun kedua dari Prof. Dr. Ir. Maria Endo Mahata, MS, Prof. Dr. Ir. Yose Rizal, M.Sc, Prof. Ardi, M.Sc. Kontrak Nomor : 020/SP2H/LT/DRPM/II/2016/Tanggal 17 Februari,2016.

- Suryaatmaja, M dan E. Silman. 2006. Diagnosa laboratorium kelinan lemak darah. CDK. 30: 6-14.
- Susilorini, T. E., Muharlieni, dan M.E. Sawitri. 2008. Budidaya 22 Ternak Potensial. Jakarta : Penebar Swadaya.
- Syaifulloh, M. 2006. Suplementasi Tepung Jangkrik dalam Ransum Komersial terhadap Performa Ayam Petelur. Bandung: ITB.
- Syofian, A. 2008. Kombucha Feed Additive Alami Anti Kolesterol. Poultry Indonesia. Edisi Maret Vol. III. Hlm. 60-61.
- Thompson, K. A., M. R. Marshall, C. A. Sims, C. I. Wei, S. A. Sargent and J. W. Scott. 2000. Cultivar, Maturity, and Heat Treatment on Lycopene Content in Tomatoes. *Journal of Food Science*. Vol. 65, No. 5.
- Taufik, M. 2015. Pengaruh Penggunaan Kombinasi Tepung Tomat (*Lycopersium esculentum*) Tanpa Rebus dan Rebus dalam Ransum Terhadap Total Kolesterol, HDL, LDL dan Trigliserida Serum Darah Ayam Broiler. Fakultas Peternakan. Unand. Padang.
- Tsang, G. 2005 Lycopene in Tomatoes and Prostate Cancer. 2000. Di akses 24 Februari 2016.
- Tugiyono, H. 2005. Bertanam Tomat. Penebar Swadaya, Jakarta.
- United States Department of Agriculture (USDA). 2007. Nation Nutrient Databases for Standard Reference. Release 20.
- Wertz, K., U. Siler and R. Goralezkyk, 2004. Likopen: methods of action to promote prostate health. *Arch Biochem Biophys*
- Willcox, J. K., G. L. Catrignani and S. Lazarus. 2003. Tomatoes and cardiovascular Health. *Critical Rev. In Food Sci and Nut.*, 43 (1), 1-8.
- Winarno, F. G., 2002. Fisiologi Lepas Panen Prodeuk Hortikultura. M-Brio Press. Bogor.