DAFTAR PUSTAKA

Ahmad, M.S. dan Siddiquei, M.W. 2015. Postharvest Quality Assurace of Fruits. Springer, Switzerland.

Al-Juhaimi, F. Ghafoor, K., dan Babiker, E.E. 2012. Effect of gum arabic edible coating on weight loss, firmness, and sensory characteristics of cucumber (Cucumis sativus L.) fruit during storage. Pak. J. Bot., 44 (4): 1439-1444.

Alexandra, Yongki dan Nurlina. 2014. Aplikasi edible coating dari petin jeruk songhi pontianak (*Citrus nobilis* var *Microcarpa*) pada penyimpanan buah tomat. JKK 3 (4): 11-20.

Aliwati, G. 2003. Teknik analisis kadar amilosa dalam beras. Buletin Teknik Pertanian 8 (2): 82 -84.

Amaliya, R.R dan Putri, W.D.R. 2014. Karakterisasi edible film dari pati jagung dengan penambahan filtrat kunyit putih sebagai antibakteri. Jurnal Pangan dan Agroindustri 2 (3): 43-53.

Amstrong, W.P. 2000. Cited in Durian, Papay, Mango, Cashew, Hog Plum, Kaffir Plum, & Burdekin Plum. Available from: http://waynesword.palomar.edu/ecoph9.htm. Diakses 3 Agustus 2015.

Anton, G.E., LeStrange, M., dan Barrett, D.M. 2011. Changes in pH, acids, sugars and other quality paramaters during extended vine holding of ripe processing tomatoes. J. Sci Food Agri: 1-7.

AOAC (Association of Official Analytical Chemistry). 2000. "Official methods of analysis Volume 2: Food Composition; Additives; Natural Contaminants" 17th ed. AOAC International, Inc., Maryland.

AOAC (Association of Official Analytical Chemistry). 2005. "Official methods of analysis". Association of Official Analytical Chemists, 18th ed. AOAC International, Inc., Maryland.

Apriyantono, A., Fardiaz, D., Puspitasari, N.L., Sedarnawati, dan Budiyanto, S. 1989. Analisis Pangan. PAU Pangan dan Gizi IPB, Bogor.

ASTM (American Society for Testing Material). 1995. "ASTM E96: Standard Test Methods for Water Vapor Transmission of Material". ASTM Book of Standard, Washington DC.

Athmaselvi, K.A. , Sumitha, P., dan Revathy, B. 2013. Development of *Aloe vera* based edible coating for tomato. Int. Agrophys 27: 369-375.

Avena-Bustillos, R.dJ. dan McHugh, T.H. 2012. Role of edible film and coating additives.. 6 in "Edible Coatings and Films to Improve Food Quality," 2nd ed. ed. E. A. Baldwin, R. Hagenmaier, dan J. Bai. CRC Press, Boca Raton.

Belitz, H-D., dan Grosch,W. 1999. "Food Chemistry" 2nd ed."Springer, Berlin.

Bertoft, E. 2015. Fine structure of amylopectin. Chpt. 1 in "Starch: Metabolism and Structure," ed. Y. Nakamura, pp 3-40. Springer, Akita.

Bolin, H.R., dan Huxsoll, C.C. 1991. Control of minimally processed carrot (*Dascus carota*) surface discoloration caused by abrasion peeling. Journal of Food Science 56: 416−418.

Bourtoom, T. 2008. Plasticizer effect on the properties of biodegradable blend film from rice starch-chitosan. Songklanakarin Journal of Science and Technology 30: 149-165.

BPS (Badan Pusat Statistik). 2012. Produksi Cabai Besar, Bawang Merah dan Mangga Tahun 2011. Berita Resmi Statistik. Jakarta.

Cisneros-Zevallos L, dan Krochta J.M. 2003. Dependence of coating thickness on viscosity of coating solution applied to fruits and vegetables by dipping method. Journal of Food Science 8(2): 503–510.

Changso, C. 2008. Study of extraction process, chemical and physic properties of mango seed almond fat CV. Kaew. Bangkok, Thailand: Silpakorn university, MSc thesis (In Thai). Cited in Kittiphoom, S. 2012. Utilization of mango seed. International Food Research Journal 19 (4): 1325-1335.

Cornelia, M. Anugrahati, N.A., dan Christina. 2012. Pengaruh penambahan pati bengkoang terhadap karakteristik fisik dan mekanik edible film. J. Kimia Kemasan 34 (2): 262-270.

De Castro, L.R., Cortez, L. A. dan Vigneault, C. 2006. Effect of sorting, refrigeration and packaging on tomato shelf life. Journal of Food Agriculture and Environment 4(1): 70-74.

Desobry, S. dan Arab-Tehrany, E. 2014. Diffusion Barrier Layers for Edible Food Packaging. Chpt 4 in "Comprehensive Materials Processing," e.d. M.S.J.Hashmi, pp. 499-515. Elsevier, Amsterdam.

Dhanapal, A., Sasikala, P., Rajamani, L. Kavitha, V, Yazhini, G., dan Banu, M.S. 2012. Edible film from polysaccharides. Food Science and Quality Management 3: 9-17.

Ekorong, F.J.A.A, Zomegni, G., Desobgo, S.C.Z, dan Ndjouenkeu, R. 2015. Optimization of drying parameters for mango seed kernels using central composite design. Bioresources and Bioprocessing 2 (8): 1-9.

Falguera, V., Quintero, J.B., Jimenez, A. Muñoz, J.A, dan Ibarz, A. 2011. Edible films and coatings: structures, active functions and trends in their use. Trend in Food Science & Technology 22: 292-303.

Fan, Y., Xu, Y., Wang, D., Zhang, L., Jipeng, S., Sun, L. and Zhang, B., 2009. Effect of alginate coating combined with yeast antagonist on strawberry (Fragaria x ananassa) presevation quality. Post harvest Biology and Technology 53: 84-90.

FAO (Food and Agriculture Organization). 2007. Top Mango Growing Countries in The World and Production Scenario in 2007. Cited in Chakrabarti, D.K. 2011. "Mango Malformation". Springer Science, New York.

García, M.A., Pinotti, A. Martino, M.N. dan Zaritzky, N,E. 2009. Characterization of starch and composite edible films and coatings. Chpt. 6 in "Edible Films and Coatings for Food Applications," ed. M.E. Embuscado dan K.C. Huber, pp. 169-290. Springer + Business Media, LLC, New York.

Ghanbarzadeh, B., Almasi, H., dan Entezami, A.A. 2010. Physical properties of edible modified starch/carboxymethyl cellulose films. Innovative Food Science and Emerging Technologies 11: 697-702.

Guo, X., Lu, Y. Cui, H. Jia, X. Bai, H. dan Ma, Y. 2012. Factors affecting the physical properties of edible composite film prepared from zein and wheat gluten. Molecules 17: 3794-3804.

Hanashiro, I. 2015. Fine structure of amylose. Chpt. 2 in "Starch: Metabolism and Structure," ed. Y. Nakamura, pp 41-60. Springer, Akita.

Hassan, L. G., Muhammad, A. B. Aliyu, R. U, Idris, Z. M., Izuagie, T., Umar, K.J. dan Sani, N.A. 2013. Extraction and characterisation of starches from four varieties of mangifera indica seeds. IOSR-JAC 3 (6): 16-23.

Himelda, M., Yanou, N.N., Nguimbou, R.M., Gaiani, C., Scher, J., Facho, J.B., dan Mbofung, C.M.F. 2012. Physicochemical, rheologial and thermal properties of taro (Colocassia esculenta) starch harvested at different maturity stages. International Journal of Biosciences 2 (3): 14-27.

Hsu C-L, Chen W, Weng Y-M, dan Tseng C-Y. 2003. Chemical composition, physical properties, and antioxidant activities of yam flours as affected by different drying methods. Food Chemistry 83: 85–92.

Huri, D. dan Nisa, F.H. 2014. Pengaruh konsentrasi gliserol dan ekstrak ampas kulit apel terhadap karakteristik fisik dan kimia *edible film*. Jurnal Pangan dan Agroindustri 2(4): 29-40.

Husniati dan Adi, W.A. 2012. Analisis fasa dan strukturmikro pada tepung tapioka dengan penambahan natrium metabisulfit. Jurnal Sains Materi Indonesia 13 (2): 83-89.

Islam, M.P. Morimoto, T., dan Hatou, K. 2012. Storage behavior of tomato inside a zero energy cool chamber. Agric Eng Int: CIGR Journal 14 (4): 209-217.

Jimenez, A. Fabra, M. J, Talens, P., dan Chiralt, A. 2015. Polysaccharides as Valuable Materials in Food Packaging. Chpt. 7 in Functional Polymers in Food Science From Technology to Biology, volume I: Food Packaging," ed. G. Cirillo, U.G. Spizzirri., dan F. Iemma. Scrivener, Canada.

Kapetanakous, A.E., Manios, S.G., dan Skandamis, P.N. 2014. Application of edible film and coating on food. Cpht. 9 in "Novel Food Preservation and Microbial Assessment Techniques," ed. I.S. Boziaris. CRC Press, Boca Raton.

Kaur, M. Singh, N., Sandhu, K.S., dan Guraya, H.S. 2004. Physicochemical, morphological, thermal and rheological properties of starches separated from kernels of some Indian mango cultivars (*Mangifera indica* L.). Food Chemistry 85: 131-140.

Kittiphoom, S. 2012. Utilization of mango seed. International Food Research Journal 19 (4): 1325-1335.

Kramer, M.E. 2009. Structure and function of starch-based edible films and coatings. Chpt. 4 in "Edible Films and Coatings for Food Applications," ed. Milda E. Embuscado dan Kerry C. Huber, pp. 113-134. Springer + Business Media, LLC, New York.

Lai, H-M., Padua, G.W. dan Wei, L.S. 1997. Properties and microstructure of zein sheets plasticized with palmitic and stearic acids." Cereal Chem. 74 (1): 83-90.

Lee, S. Y. dan Wan, V.C.H. Edible Film and Coatings. Chpt. 135 in "Handbook of Food Science, Technology, and, Engineering" volume III, ed. Y.H. Hui CRC Press, Boca Raton.

Majidi, H., Minaei, S., Almasi, M., dan Mostofi, Y. Total soluble solid, titratable acidity and ripening index of tomato in various storage conditions. Australian Journal of Basic and Applied Sciences 5(12): 1723-1726.

Medina, J.D.L.C. dan García, H.S. 2002. "Mango: Post-harvest Operation". FAO, Rome.

Moneruzzaman, K.M., Hossain, A.B.M.S., Sani, W., dan Saifuddin, M. 2008. Effect of stages of maturity and ripening conditions on the biochemical characteristics of tomato. American Journal of Biochemistry and Biotechnology 4 (4): 336-344.

Moneruzzaman, K.M., Hossain, A.B.M.S., Sani, W., Saifuddin, M., dan Alenazi, M. 2009. Effect of harvesting and storage conditions on the post harvest quality of tomato (Lycopersicon esculentum Mill) cv. Roma VF. Australian Journal of Crop Science Southern Cross Journals 3(2):113-121.

Mukherjee, S.K. dan Litz, R.E. 2009. Introduction: botany and importance. Chpt. 1 in "The Mango: Botany, Production and Uses," 2nd ed. ed. R.E. Litz, pp. 1-18. CABI Internation, Oxford.

Nasrin, T.A.A, Molla, M.M, dan Hossaen, M.A, Alam, M.S., dan Yasmin, L. 2008. Effect of post harverst treatment on shelf life and quality of tomato. Bangladesh J. Agril. Res. 33 (3): 579-585.

Nzikou, J. M., Kimbonguila, A., Matos, L., Loumouamou, B., Pambou-Tobi, N. P. G., Ndangui, C. B., Abena, A. A., Silou, Th., Scher, J., dan Desobry, S. 2010. Extraction and characteristics of seed kernel oil from mango (*Mangifera indica*). Research Journal of Environmental and Earth Sciences 2(1): 31-35.

Obasi, H. C dan G. C. Onuegbu. 2013. Biodegradability and Mechanical Properties of Low Density Propilene / Watse Maize Cob Flour Blends. Int. J. Appl. Sci. Eng. Res 2 (3) : 242-248.

Olivas, G.I, dan Barbosa-Cánovas, G. 2009. Edible films and coatings for fruits and vegetables. Chpt. 7 in "Edible Films and Coatings for Food Applications," ed. Milda E. Embuscado dan Kerry C. Huber, pp. 211-244. Springer + Business Media, LLC, New York.

Pagliaro, M. dan Rossi, M. 2010. "The Future of Glycerol" 2nd ed. Royal Society of Chemistry, Cambridge.

Pavlath, A. E. dan Orts. W. 2009. Edible films and coatings: why, what, and how?. Chpt. 1 in "Edible Films and Coatings for Food Applications." Ed. M.E. Embuscado dan K.C. Huber, pp 1-24. Springer + Business Media, LLC, New York.

Po, L. G. 2007. Major Tropical Fruits and Products: Banana, Mango, and Pineapple. Chpt. 36 in "Handbook of Fruit Products Manufacturing," ed. Y.H. Hui, pp. 815-846. John Wiley & Sons, New Jersey.

Polnaya, Febby J., Josefina Talahatu, Haryadi, dan Djagal W. Marseno. 2012. Properties of bioddegradable film from hydroxypropyl sago starches. Asian Journal of Food and Agro-Industry 5 (03): 183-192.

Prabasini, H. Ishahartani, D. dan Rahadian, D. 2013. Kajian sifat kimia dan fisik tepung labu kuning (Cucurbita moschata) dengan perlakuan *blanching* dan perendaman dalam natrium metabisulfit ($Na_2S_2O_5$). Jurnal Teknosains Pangan 2 (2): 93-102.

Prihatman, K. 2000. "Mangga (*Mangifer* spp)". Kantor Deputi Menegristek Bidang Pendayagunaan dan Permasyarakatan Ilmu Pengetahuan dan Teknologi. Jakarta.

Putera, Denny Tjetjep. 2012 Characterization of Edible Film from Lesser Yam (*Dioscorea Esculenta* Lour. Burkill) Starch and Its Utilization as Edible Coating to Strawberry. Skripsi, Universitas Pelita Harapan, Karawaci.

Rahim, A., Alam, N. Haryadi, dan Santoso, U. 2010. Pengaruh Konsentrasi Pati Aren dan Minyak Sawit terhadap Sifat Fisik dan Mekanik Edible Film. J. Agroland 17 (1): 38-46.

Rehman M.u., Kha, N., dan Jan, I. 2007. Post harvest losses in tomato crop. Sarhad J. Agric 23 (4): 1279-1284.

Rossman, J.M. 2009. Commercial manufacture of edible films. Chpt. 14 in "Edible Films and Coatings for Food Applications." ed. M.E. Embuscado dan K.C. Huber, pp 367-390. Springer + Business Media, LLC, New York.

Sanyang, M. L. Sapuan, S.M., Jawaid, M., Ishak, M.R., Sahari, J. 2015. Effect of plasticizer type and concentration on tensile, thermal and barrier properties of biodegradable films based on sugar palm (Arenga pinnata) Starch. Polymers 7: 1106-1124.

Serrano. M. Zapata, P.J., Guillen, F., Martinez-Romero, D., Castillo, S., dan Valero, D. 2008. Post-harvest ripening of tomato. Chpt. 4 in "Tomatoes and Tomato Product: Nutritional, Medicinal, and Therapeutic Properties", ed. V.R. Preedy dan R.R. Watson, pp. 67-84. Science Publisher, New Hampshire.

Setiani, W., Sudiarti, T, dan Rahmidar, L. 2013 Preparasi dan Karakterisasi Edible Film dari Poliblend Pati Sukun-Kitosan. Valensi 3 (2): 100-109.

Simanjutak, S., Nugroho, W.A., dan Yulianingsih, R. 2014. Pengaruh suhu pengeringan dan konsentrasi natrium metabisulfit ($Na_2S_2O_5$) terhadap sifat fisik-kimia tepung biji durian (*Durio zibethinus*). Jurnal Bioproses Komoditas Tropis 2 (2): 91-99.

Skurtys, O., Acevedo, C., Pedreschi, F., Enrione, J., Osorio, F., dan Aguilera, J. M. 2010. "Food Hydrocolloid Edible Films and Coatings". Nova Science, Santiago.

Sonthalia, M. dan Sikdar, D.C. 2015. Production of starch from mango (Mangifera *indica*. L) seed kernel and its characterization. International Journal of Technical Research and Applicatoon 3 (3): 346- 349.

Soukolis, C. Yonekura, L. Gan, H-H. Behboudi-Jobbehdar, S. Parmenter C., dan Fisk, I. 2014. Probiotic edible films as a new strategy for developing functional bakery products: The case of pan bread. Food Hydrocolloids 39: 231-242.

Suarti, B., Fuadi, M., dan Siregar, B.H. 2013. Pembuatan pati dari biji durian melalui penambahan natrium metabisulfit dan lama perendaman. Agrium 18 (1): 69-78.

Tabaestani, H.S. Sedaghat, N. Pooya, E.S., dan Alipour, A. 2013. Shelf Life Improvement and post harvest quality of cherry tomato (*Solanum lycopersicum* L.) Fruit using basil mucilage edible coating and cumin essential oil. International Journal of Agronomy and Plant Production 4 (9): 2346-2353.

Tsao, J.S-J dan Lo, H-F. 2005. Vegetables: type and biology. Chpt. 20 in "Handbook of Food Science, Technology, and Engineering" volume 4, ed. Y.H. Hui. CRC Press, Boca Raton.

Ukpabi, U.J. 2010. Farmstead bread making potential of lesser yam (Dioscorea esculenta) flour in nigeria." Australian Journal of Crop Science AJCS 4(2): 68-73.

Valdés, A., Burgos, N., Jiménez, A., dan Garrigós, M.C. 2015. Natural pectin polysaccharides as edible coatings. Coatings 5: 865-886.

Viet, B.T.N.T dan Trang, H.T. 2015. Effect of harvesting stages and storege temperature on physicocemical properties and antioxidant activities of yellow cherry tomato (*Lycopersicon esculentum* var.*Cerasiforme*). IJERT 4 (6): 501-507.

Warkoyo, Rahardjo, B., Marseno, D.W, Karyadi, J.N.W. 2014. Sifat fisik, mekanik dan *barrier edible film* berbasis pati umbi kimpul (*Xanthosoma sagittifolium*) yang diinkorporasi dengan kalium sorbet. Agritech 34 (1): 72-81.

Wu, T., dan Abbott, J.A. 2002. Firmness and force relaxation charaterictic of tomatoes stored intact or as slice. Postharvest Biology and Technology 24: 59-68.

Yahia, E.M. 2011. Mango (*Mangifera indica* L.). Chpt. 22 in "Postharvest Biology and Technology of Tropical and Subtropical Fruits Volume 3: Cocona to Mango," ed. E.M. Yahia, pp. 492-567. Woodhead Publishing, Cambridge.

Yulianti, R., dan Ginting, E. 2012. Perbedaan karakteristik fisik *edible film* dari umbi-umbian yang dibuat dengan penambahan *plasticizer*. Penelitian Pertanian Tanaman Pangan 31 (2): 131-136.

Žnidarčič, D., Ban, D., Oplanić, M., Karić, L., dan Požrl, T. 2010. Influence of postharvest temperatures on physicochemical quality of tomatoes (*Lycopersicon esculentum* Mill.) Journal of Food, Agriculture & Environment 8 (1) : 21-25.