REFERENCES

- Anupunt, P. and N. Sukhvibul. 2005. Lychee and longan production in Thailand. *Acta Horticulturae* 665: 53-56.
- AOAC. 2000. Official Method of Analysis, 17th ed. AOAC International. Gaithersburg, Maryland, USA. 37: 1-7.
- Apai, W. 2009. Application of chitosan-based coating incorporated with citric acid and potassium sorbate to delay pericarp browning, chilling injury and decay of fresh longan fruit. Ph.D. Thesis. Chiang Mai University, Chiang Mai. pp. 46-160.
- Apai, W. 2010. Effects of fruit dipping in hydrochloric acid then rinsing in water on fruit decay and browning of longan fruit. *Crop Protection* 29: 1184-1189.
- Boonin, P., K. Whangchai, K. Saengnil and J. Uthaibutra. 2006. Effect of antibrowning substances on peel color and quality of longan fruit cv. Daw during storage. *Agricultural Science Journal* 37: 144-147.
- Boonyakiat, D., N. Ratanapanone and T. Phatchaiyo. 2002. Effect of low temperature storage on quality of longan fruit. *Agricultural Science Journal* 33: 203-208.
- Caro, Y. and J. Joas. 2005. Postharvest control of litchi pericarp browning (cv. Kwai Mi) by combined treatments of chitosan and organic acids. *Postharvest Biology and Technology* 38: 137-144.
- Coates, L.M. and G.I. Johnson. 1993. Effective disease control in heat-disinfested fruit. *Postharvest News and Information* 4: 35-40.
- Chankaewmanee, B., K. Supatosa, R. Rodchan and J. Sujarittaweesuk. 2007. The study of using sulfur dioxide for fumigation export longan. *Agricultural Science Journal* 38: 5(Suppl.): 383-386.
- Chitbanchong, W., V. Sardsud, K. Whangchai, R. Koslanund and P. Thobunluepop. 2009. Control of rotting and browning of longan fruit cv. Biew Kiew after harvested by sulphur dioxide treatment under various storage temperatures. *Pakistan Journal of Biological Sciences* 12: 1438-1447.
- De-Vries, J.W., G.E. Moon, F.J. Ebert, J.M. Magnuson and M.K. Ogawa. 1986. Analysis of total sulphite in foods by rapid distillation followed by redox titration. *Journal of the Association of Official Analytical Chemists* 69: 827-830.

- Drinnan, J. 2004. "Longans Postharvest Handling and Storage", A Report for Rural Industries Research and Development Corporation (RIRDC Publication No. 03/125). Australian Government.
- Duong, H.D. 2003. *Question and Answer for Longan Tree and Lychee Tree*. Hanoi Publishing House. pp. 33-60.
- FAO. 2004. Fruits of Vietnam. FAO Corporate Document Repository. [Online]. Available: http://www.fao.org/docrep/008/ad523e/ad523e00.htm#contents (March 17th, 2010).
- Floros, J.D. and K.I. Matsos. 2005. Introduction to modified atmosphere packaging. pp. 166-167. In: J. H. Han (ed.), Innovation in Food Packaging. Elsevier Academic Press, 84 Theobald's Road, London, UK.
- Han, D.M., Z.X. Wu and Z.L. Ji. 2000. Effect of SO₂ treatment on the overall quality of longan fruits (cv. Shixia) during cold storage. *Acta Horticulturae* 558: 375-380.
- Huang, X., H.B. Huang and L. Zeng. 2005. Lychee and longan production in China. *Acta Horticulturae* 665: 27-32.
- Huang, S., H. Har, H. Lee and L. Wicker. 1990. A research note: enzymatic and color change during postharvest storage of lychee fruit. *Journal of Food Science* 55 (6): 1762-1763.
- Hung Yen Department of Statistics. 2008. *The Statistical Yearbook of Hung Yen Province*. Statistical Publishing House, Vietnam. pp. 115-116.
- Jaitrong, S. 2006. Microscopic anatomy and chemical components of normal and chilling injured longan fruit. Ph.D. Thesis. Chiang Mai University, Chiang Mai. 67 p.
- Jaitrong, S., N. Rattanapanone and D. Boonyakiat. 2006. The relationship between polyphenol oxidase, phenolic compounds and electrolyte leakage during chilling injury of longan fruit. *Agricultural Science Journal* 37: 24-27.
- Jiang, Y.M. and J. Fu. 1998. Inhibition of polyphenol oxidase and the browning control of litchi fruit by glutathione and citric acid. *Food Chemistry* 62: 49-52.
- Jiang, Y.M. 1999a. Purification and some properties of polyphenol oxidase of longan fruit. *Food Chemistry* 66: 75-79.
- Jiang, Y.M. and Y.B. Li. 2001. Effects of chitosan coating on postharvest life and quality of longan. *Food Chemistry* 73: 139-143.

- Jiang, Y.M., Z.Zhang, D.C. Joyce and S. Ketsa. 2002. Postharvest biology and handling of longan fruit (*Dimocarpus longan* Lour.). *Postharvest Biology* and Technology 26: 241-252.
- Jitareerat, P. and A. Uthairatanakij. 2007. A study on the combined effects of slow release SO₂ and various plastic bags for controlling fruit rot disease of 'Daw' longan during storage. *Agricultural Science Journal* 38: 5(Suppl.): 209-212.
- Joas, J., Y. Caro, M.N. Ducamp and M. Raynes. 2005. Postharvest control of pericarp browning of litchi fruit (*Litchi Chinensis* Sonn cv. Kwai Mi) by treatments with chitosan and organic acids. *Postharvest Biology and Technology* 38: 128-136.
- Kader, A.A. 2002. Longan: Recommendation for maintaining postharvest quality. [Online]. Available: http://ucdavis.edu/produce/produceFacts/Fruits/longans.
- Lu, R.X., X.J. Zhan, R.F. Zhuang, W.N. Huang, L.X. Cai and Z.M. Huang. 1992. Studies on storage of longan fruits. *Journal of Subtropical Plant Research Communications* 21: 9-17.
- MacGuire, R.G. 1992. Reporting of objective color measurements. *HortScience* 27: 1254-1255.
- Mayer, A.M. and E. Harel. 1979. Polyphenol oxidase in plants. *Phytochemistry* 18: 193-215.
- Morton J. 1987. Longan. pp. 259-262. *In*: Fruits of warm climates. [Online]. Available: http://vi.wikipedia.org (April 16th, 2010).
- Montoso Gardens. 2007. *Dimocarpus longan (Sapindaceae)*. [Online]. Available: http://www.montosogardens.com (April 17th, 2010).
- Nguyen, C.H., K.P. Hoang, H.H. Le and K.D. Nguyen. 2001. Study for technology improvement in handling of longan and persimmon fruits. *Research Results of Postharvest Technology Institute* 1: 186-200.
- Pan, Y.S., X.D. Cai, L.N. Shun, Z.Z. Huang and Z.G. Yang. 1996. The physiology of longan fruits in storage. *Journal of Fruit Science* 13: 19-22.
- Rattanapanone, N., D. Boonyakiat and S. Jaitrong. 2001. Effect of step-wise temperature conditioning on quality and chilling injury of longan fruit cv. Daw. Postgraduate Education and Research Development Project in Postharvest Technology, Chiang Mai University, Chiang Mai. pp. 513-527.
- Shi, Q. 1990. Studies on Postharvest Physiology and Handling of Longan Fruit. *Fujian Fruit* 18: 1-4.

- Sodchit, C., T. Kongbangkerd and W.N. Phun. 2008. Prevention of enzymatic browning of postharvest longan fruit by N-acetyl-L-cysteine and 4hexylresorcinol. Songklanakarin Journal of Science and Technology 30: 31-35.
- Su, Y.R. and B.D. Yang. 1996. Experiments on storage of postharvest longan fruit ambient temperature. *Fujian Fruit* 24: 14-17.
- Sugar, D. 2002. Management of postharvest diseases. pp. 225-245. *In*: Michael Knee (ed.), *Fruit Quality and Its Biological Basis*. CRC Press LLC, USA.
- Thavong, P. 2009. Effect of hexanal on postharvest decay of longan fruit caused by *Lasiodiplodia theobronae*. Ph.D. Thesis. Chiang Mai University, Chiang Mai. pp. 70-140.
- The Electric Newspaper of Communist Party of Vietnam. 2009. [Online]. Available: http://www.cpv.org.vn (November 2nd, 2009).
- Tian, S.P., Y. Xu, A.L. Jiang and Q.Q. Gong. 2002. Physiological and quality response of longan fruit to O₂ or high CO₂ atmospheres in storage. *Postharvest Biology and Technology* 24: 335-340.
- Tongdee, S.C. 1993. Sulfur Dioxide Fumigation in Postharvest Handling of Fresh Longan and Lychee for Export. pp. 186-195. *In*: B.R. Champ, E. Highley and G.I. Johnson (eds.), *Postharvest Handling of Tropical Fruits*. ACIAR, Brisbane, Australia.
- Tongdee, S.C. 1994. Sulfur dioxide fumigation in postharvest handling of fresh longan and lychee for export. pp.186-189. In: G. I. Johnson and E. Highley (eds.), Development of Postharvest Handling Technology for Tropical Tree Truits. ACIAR, Canberra, Australia.
- Tongdee, S.C. 2001. Longan. pp. 335-345. In: S.K. Mitra (ed.), Postharvest Physiology and Storage of Tropical and Subtropical Fruit. CAB International, UK.
- Tran, T.T. 1999. *Technique on Care and Cultivation of Longan Tree*. Agricultural Publishing House, Vietnam. pp. 87-92.
- Underhill, S.J.R, L.M. Coates and Y. Saks. 2001. Litchi. pp: 191-208. *In*: S.K. Mitra (ed.), *Postharvest Physiology and Storage of Tropical and Subtropical Fruit*. CAB International, UK.
- United Nations. 2007. "Enhancing Export Competitiveness of Asian Fruits", United Nations Asian and Pacific Centre for Agricultural Engineering and Machinery, Beijing. pp. 31-34.

- Vietnam Ministry of Health. 2007. The decision of number 46/2007/QD-BYT. APPENDIX: Codex Inventory of All Compounds as Processing Aids (Includes substances that may serve other functions).
- Yen, C.R., J.C.Tzeng, C.N. Chau and J.W. Chang. 2005. Longan production in Taiwan. *Acta Horticulturae* 665: 61-62.
- Whangchai, K., K. Saengnil and J. Uthaibutra. 2006. Effect of ozone in combination with some organic acids on the control of postharvest decay and pericarp browning of longan fruit. *Crop Protection* 25: 821-825.
- Wu, Z.X., D.M. Han and W.X. Chen. 1999. Effect of sulfur dioxide treatment on enzymatic browning of longan pericarp during storage. Acta Horticulturae Sinica 26: 91-95.



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