

REFERENCE LIST

- Agampodi, V.A. Jayawardena, B.M., 2007. Effect of Coconut Water in Extending the Vase Life of Anthurium Cut Flower Variety Wild Pink. Tropical Agricultural Research 19, 202-209.
- Ajandouz, E.H., Tchiakpe, L.S., Ore, F.D., Benajiba, A., Puigserver, A., 2001. Effects of pH on Caramelization and Maillard Reaction Kinetics in Fructose-Lysine Model Systems. J Food Science 66, 926–931.
- AOAC, 2000. Official Methods of the Association of Official Analytical Chemists, 17th ed. AOAC, Washington, DC.
- Attygalle, R., 2010. KITHUL Rejuvenating the soul - Sri Lanka. *The Nation (SL): Eye.*, [internet]. Available at: <http://www.nation.lk/2010/04/04/evefeal.htm> [accessed on 16 May 2011].
- Attygalle, R., 2011. transCurrents: Palmyrah is synonymous with the Northern Peninsula [internet] (posted 8 January 2011). Available at: http://transcurrents.com/tc/2011/01/palmyrah_is_synonymous_with_th.html [accessed on 16 May 2011].
- Balasubramaniam, K., Atukorala, T.M.S., Wijesundera, S., Hoover, A.A., De Silva, M.A.T., 1973. Biochemical Changes during Germination of the Coconut (*Cocos nucifera*). Ann Bot 37, 439-445.
- Blachford, S.L., Gengage, G., 2011. Sugar: How Products are Made [internet]. Available at: <http://www.enotes.com/how-products-encyclopedia/sugar> [accessed on 17 May 2011].
- CDA, 2008. Sri Lanka Coconut Statistics - 2008. Coconut Development Authority, 54, Nawala Rd, Narahenpita, Sri Lanka.
- CDA, 2009. Sri Lanka Coconut Statistics - 2009. Coconut Development Authority, 54, Nawala Rd, Narahenpita, Sri Lanka.
- Child, R., Nathanel, W.R.M., 1950. Changes in the sugar composition of coconut water during maturation and germination. Journal of the Science of Food and Agriculture 1, 326–329.
- Dawes, E.A., Ribbons, D.W., Rees, D.A., 1966. Sucrose utilization by *Zymomonas mobilis*: formation of a levan. Biochem J 98, 804–812.
- Dictionary.com, LLC, 2011. Sugar - Define Sugar at Dictionary.com [internet]. Available at: <http://dictionary.reference.com/browse/sugar> [accessed on 5 May 2011].

- Govaerts, R., 2011. World Checklist of Selected Plant Families: Royal Botanic Gardens, Kew [internet]. Available at: http://apps.kew.org/wcsp/namedetail.do?name_id=44645 [accessed on 5 May 2011].
- Grimwood, B.E., Ashman, F., Dendy, D.A.V., Jarman, C.G., 1976. Coconut palm products: their processing in developing countries. Food & Agriculture Org.
- Gunasekaran, P., Chandra Raj, K., 1999. Ethanol fermentation technology - Zymomonas mobilis. [internet]. Available at: <http://www.ias.ac.in/currsci/jul10/articles14.htm> [accessed on 20 Dec 2009].
- Harker, J.H., Richardson, J.F., Backhurst, J.R., 2002. Chemical Engineering Volume 2, 5th ed. Butterworth-Heinemann.
- IUPAC, 1997. Compendium of Chemical Terminology, 2nd ed. ed. Blackwell Scientific Publications, Oxford.
- Jackson, J.C., Gordon, A., Wizzard, G., McCook, K., Rolle, R., 2004. Changes in chemical composition of coconut (*Cocos nucifera*) water during maturation of the fruit. Journal of the Science of Food and Agriculture 84, 1049–1052.
- Jayalekshmy, A., Arumughan, C., Narayanan, C., Mathew, A., 1986. Changes in the chemical composition of coconut water during maturation. Journal of Food Science and Technology 23, 203–207.
- Jayatissa, P.M.,  Electronic Theses & Dissertations www.lib.mrt.ac.lk, Jaye Raj, E.E., Tirimanna, A.S.L., Senanayake, U.M., 1972. Utilisation of waste coconut water to obtain a potable spirit. Paper presented in the seminar on Waste Recovery by Microorganisms, Kuala Lumpur.
- Kumar, S., Senanayake, G., Visvanathan, C., Basu, B., 2003. Desiccated coconut industry of Sri Lanka: opportunities for energy efficiency and environmental protection. Energy Conversion and Management 44, 2205–2215.
- Madaeni, S.S., Tahmasebi, K., Kerendi, S.H., 2004. Sugar Syrup Concentration Using Reverse Osmosis Membranes. Engineering in Life Sciences 4, 187–190.
- Madaeni, S.S., Zereshki, S., 2008. Reverse osmosis alternative: Energy implication for sugar industry. Chemical Engineering and Processing: Process Intensification 47, 1075–1080.
- Matsumoto, M., Ueba, K., Kondo, K., 2005. Separation of sugar by solvent extraction with phenylboronic acid and trioctylmethylammonium chloride. Separation and Purification Technology 43, 269–274.
- Najafpour, G., Younesi, H., Syahidah Ku Ismail, K., 2004. Ethanol fermentation in an immobilized cell reactor using *Saccharomyces cerevisiae*. Bioresource Technology 92, 251–260.

- NER, 2008. National Environmental (Protection and Quality) Regulations (Sri Lanka), No. 1 of 2008.
- Ohler, J.G., 1999. Modern Coconut Management: Palm Cultivation and Products. ITDG Publishing.
- Oliveira, H. de J.S., Abreu, C.M.P. de, Santos, C.D. dos, Cardoso, M. das G., Teixeira, J.E.C., Guimaraes, N.C.C., 2003. Carbohydrate measurements on four brands of coconut water. Ciênc. agrotec. 27, 1063–1067.
- Peiris, T.S.G., Kularatne, J.D.J.S., 2005. 250 coconut palms are lost per day in Sri Lanka. *Daily News*, Associated Newspapers of Ceylon Ltd.
- Ranasinghe, S., Wimalasekara, R., de Saram Fernando, K., 2003. Preservation of Young King Coconuts (*Cocos nucifera L. Var. Aurantiaca*) During Simulated Sea Shipment. Asean Food Journal 12.
- Richardson, J.F., Coulson, J.M., Harker, J.H., Backhurst, J.R., 2002. Chemical engineering: Particle technology and separation processes. Butterworth-Heinemann.
- Rodrigues, R.B., Menezes, H.C., Cabral, L.M.C., Dornier, M., Rios, G.M., Reynes, M., 2004. Evaluation of reverse osmosis and osmotic evaporation to concentrate camu-camu juice (*Myrciaria dubia*). Journal of Food Engineering 63, 97–102.
- University of Moratuwa, Sri Lanka.
Rolle, R., 2007. Good Practice for the small-scale production of bottled coconut water. Food and Agriculture Organization of the United Nations, Rome.
- Sanchez, B., Bautista, J., 1988. Effects of furfural and 5-hydroxymethylfurfural on the fermentation of *Saccharomyces cerevisiae* and biomass production from *Candida guilliermondii*. Enzyme and Microbial Technology 10, 315–318.
- Samarajeewa, U., Adams, M.R., Robinson, J.M., 1981. Major volatiles in Sri Lankan arrack, a palm wine distillate. International Journal of Food Science & Technology 16, 437–444.
- Shen, S.C., Wu, J.S.B., 2003. Effect of the Species of Sugar and Amino Acid on Maillard Reaction in Ethanolic Solution. Presented at the The 12th World Food Congress, Chicago.
- Shivashankar, S., 1991. Biochemical Changes During Fruit Maturation in Coconut. Journal of Plantation Crops (India) 19, 102–119.
- Sinnott, R.K., Coulson, J.M., Richardson, J.F., 2005. Chemical engineering design, 4th ed. Butterworth-Heinemann.
- Stanbury, P.F., Hall, S., Whitaker, A., 1999. Principles of Fermentation Technology, Second Edition, 2nd ed. Butterworth-Heinemann.

Sumanasekara, S.M., 1993. Utilization of coconut water in enhancing alcohol production in toddy and “culturing yeast” (M.Sc. -Faculty of Applied Science, University of Sri Jayawardanapura).

Valentas, K.J., Rotstein, E., Singh, R.P., 1997. Handbook of food engineering practice: Chapter 6, Design and Performance Evaluation of Evaporation. CRC Press.

Vigliar, R., Sdepanian, V.L., Fagundes-Neto, U., 2006. Biochemical profile of coconut water from coconut palms planted in an inland region. J Pediatr (Rio J) 82, 308–312.

Wickramaratne, M.R.T., 1986. Know your nuts - coconut varieties in Sri Lanka. Coconut Bulletin 3(2), 32–34.

Zacchi, G., Axelsson, A., 1989. Economic evaluation of preconcentration in production of ethanol from dilute sugar solutions. Biotechnol. Bioeng. 34, 223–233.



University of Moratuwa, Sri Lanka.
Electronic Theses & Dissertations
www.lib.mrt.ac.lk