

REFERENCES

- [1] Danise Coon, Chile Pepper Institute, New Mexico State University. (2003).

 Chile Peppers: Heating Up Hispanic Foods, Food Technology,

 57(1), 39-43.
- [2] Thai Agricultural Commodity and Food Standard, TACFS. (2004).

 PEPPERS, ICS, 67(080),20.
- [3] Department of Agricultural Extension Thailand. (2006). <u>Data from Data Knowledge Base</u>. n.p.: n.p.
- [4] Solar Energy Research and Training Center (SERT). (2000). Energy Policy

 Trend In Thailand and other Southest Asia Countries (Vietnam, Cambodia,

 Lao PDR, and Myanmar). New Industrial Development Organization

 (NEDO): n.p.
- [5] Jared P. Ciferno & John J. Marano. (2002). <u>Benchmarking Biomass</u>

 <u>Gasification Technologies for Fuels, Chemicals and Hydrogen Production.</u>

 Retrieved on January 3, 2003 from: http://144.92.76.98/Guna
 /optimal_CRC_Vol25.pdf.
- [6] Department of Economic Data and Accounting System, Thailand. (2000).

 Thailand's Gross Domestic Product (Quarterly GDP). Retrieved on

 July 31, 2002 from: http://www.nesdb.go.th/Main_menu/macro

 /qgdp_data/index_q4.html.
- [7] Koopmans, A. & Koppejan, J. (1997). Agricultural and Forest Residues Generation, Utilization and Availability. In Regional Consultation on Modern Applications of Biomass Energy. n. p.: Kuala Lumpur Malaysia.
- [8] Ministry of Agriculture and Cooperatives, Thailand. (2000). Chile pepper.
 Retrieved on August 25, 2002 from: http://www.oae.go.th/statistic/
 yearbook/2000-01.

- [9] Bhattacharya, S.C. Shrestha, R.M. & Ngamkajornvivat, S. (1989). Potential of Biomass Residue Availability: the Cast of Thailand. <u>Energy Sources</u>, 11, 201-216.
- [10] Department of Alternative Energy Development and Efficiency. (2001).

 Biomass Energy in Asia A Study on Selected Technologies and Policy

 Options, Under Asian Regional Research Programme in Energy.

 Environment and Climate-PahsesII(ARRPEC-II). Retrieved on January

 15,2003. from: http://www.dedp.go.th/end/alternative/projdtl.asp?pid=29.
- [11] Knoef H. (2000). The UNDP/World Bank Monitoring Program on Small Scale Biomass Gasifier. <u>BTG's experience on Tar Measurements</u>, (18), 39-54.
- [12] Wirat Arunlukdumrong. (1988). <u>Up-Draft Gasifier for Direct Combustion</u>.
 Master Thesis, King Mongkut's Institute of Technology Thonburi, Bangkok.
- [13] Battacharya, S.C. & Shah, N. (1986). Utilization of Producer Gas for Drying Agricultural Crop. <u>Journal of Asian Conference on Energy from Biomass</u>, 15(7), 1-10.
- [14] Chanakan Asasutjarit et al. (1996). Chilli Drying by Producer Gas from an Up-Flow Gasifier. Proceeding of International Conference on Food Industrial Technology and Energy Applications, 5(115), 69-74.
- [15] Rattanachai Pairintra. (1996). Performance of Garlic Drying by Solar Energy

 Combined with Procedure Gas. <u>Proceeding of International Conference</u>

 on Food Industrial Technology and Energy Applications, 5(115), 293-297.
- [16] Beck M. & Ribouni K. (1996). Performance Measurements on Large Scale Solar Drying Plants. <u>Proceeding of EuroSun</u>, 96, 62-66.
- [17] Sukruedee Nathakaranakule & Sirinuch Chindaraksa. (1997). The Study of parameters for the Analysis of Fruit Glace Drying. Research Report of The Department of Physics, Naresuan University.
- [18] Esper & W. Muhlbauer. (1998). Solar Drying-An Effective Means of Food Preservation. Renewable Energy, 15, 95-100.

- [19] Akwasi Ayensu. (January 27,1998). <u>Dehydration of Food Crops Using Solar</u>

 <u>Dryer With Convective Heat Flow.</u> Retrieved on January 25,2002 from:

 http://www.wire.ises.org/entry.nsf.
- [20] S.Janjai, Wongpromchai & A. Esper. (1998). A Study of The Performance of Silpakorn-Hohenheim Type Solar Dryer. Proceeding of Seminar and Workshop on Drying Technology. n.p.: n.p.
- [21] Da-Wen Sun. (1999). Comparisons and Selection of EMC/ERH Isotherm

 Equations for Drying and Storage of Grain and Oilseed. International

 Commission of Agriculture Engineering Journal, 1(1), 249-264.
- [22] O.V. Ekechukwu & B. Norton. (1999). Review of Solar-Energy Drying Systems

 II: an Overview of Solar Drying Technology. Energy Conversion &

 Management, 40, 615-655.
- [23] Hayati Olgun & Sevim Kose. (1999). Solar Drying of Rainbow Trout.

 International Journal of Energy Research, 23, 941-948.
- [24] Arun K. Tripathi, P.V.R. Iyer & Tara Chandra Kandpal. (1999). Biomass Gasifier

 Based Institutional Cooking in India: a Preliminary Financial Evaluation.

 Journal of Biomass and Bioenergy, 17, 163-173.
- [25] S. Phoungchandang & J.L Woods. (2000). Solar Drying of bananas:

 Mathematical Model, Laboratory Simulation, and Field Data Compared.

 Journal of Food Science, 65(6), 990-996.
- [26] Yahya M. Gallali, Yahya S. & Faiz K. Bananani. (2000). Preservation of Fruits and Vegetables Using Solar Drier: a Comparative Study of Natural and Solar Drying, III; Chemical Analysis and Sensory Evaluation Data of the Dried Samples (Grapes, Figs, Tomatoes and Onions). Renewable Energy, 19, 203-212.
- [27] Osman Yaldiz, Can Ertekin & H. Ibrahim Uzun. (2001). Mathematical Modeling of Thin Layer Solar Drying of Sultana Grapes. <u>Energy</u>, 26, 457-465.

- [28] Kil Jin Park, Zdenka Vohnikova, & Fernando Pedro Reis Brod. (2002).
 Evaluation Of Drying Parameters and Desorption Isotherms. <u>Journal of Food Engineering</u>, 51, 193-199.
- [29] Wattanapong Rakwichien et. al. (2002). Solar and Convective Drying of Vegetable Product. Proceeding of 9th International Symposium.
 Heat Transfer and Renewable Energy Sources, 9, 369-376.
- [30] Wolf, W., Spiess, W.E.L., Jung, G. (1985). Standardization of isotherm measurement (COST project 90 and 90 bis). In:Simatos, D., Multon, J.L. (Eds). Properties of Water in Foods. Martinus Nijhoff Publishers. Dordrecht. <u>The Netherlands</u>, 85, 661-679.
- [31] Soponronnarit, S. (1997). <u>Drying of Grain and Food</u>. King Mongkut's University of Technology Thonburi, Bangmod, Bangkok, Thailand.
- [32] Halsey G. (1984). Physical adsorption on non-uniform surfaces. <u>Journal of Chemical Physics</u>, 16(10), 931-937.
- [33] Thopson H.L. (1972). Temporary storage of high moisture shelled corn using continuous aeration. <u>Transactions of the ASAE</u>, 15(2), 333-337.
- [34] Iglesias H.A. and Chirife J. (1976a). Prediction of the effect of temperature on water sorption Isotherms of food materials. <u>J. Food Technon</u>, 11, 910-917.
- [35] Chen C (1988). A study of equilibrium relative humidity for yellow-dent kernels.

 Ph.D. Thesis, University of Minisota, St.Paul, USA.
- [36] Chen C; Morey R V. (1989a). Comparison of flour EMC/ERH equations.

 Transactions of the ASAE, 32(3), 983-990.
- [37] Chen C; Morey R V. (1989b). Equilibrium relative humidity relationships for yellow-dent Corn. <u>Transactions of the ASAE</u>. 32(3), 900-910.
- [38] Chen C (2000). A rapid method to determine the sorption isotherms of peanuts.

 Journal of Agricultural Engineering Research, 75, 401-408.
- [39] Brunauer, S., Emmett, P.H., & Teller, E. (1938). Adsorption of gasses in multi-Molecular layers. <u>Journal of American Chemical Society</u>, 60, 309-319.

- [40] Iglesias, H., and Chirfe, J. (1976b). BET monolayer values in dehydrated foods and food components. <u>Lebeusmittel-Wissenschaft und Technologies</u>, 9, 107-113.
- [41] Rockland L B & Stewart GF. (1981). Water Activity Influence on Food Quality.

 New York: Acedemic Press.
- [42] L. Ait Mohamed, et.al. (2005). Moisture sorption isotherms and heat of sorption of bitter orange leaves (Citrus aurantium). <u>Journal of Food Engineering</u>, 67, 491-498.

