## REFERENCE

- Bergqvist, C. 2011. Arsenic accumulation in various plant types. Licentiate of Philosophy Thesis, Department of Botany Stockholm University Sweden. 52 p.
- Bremner, J.M. 1965. Total nitrogen. In: C.A. Black (Ed.), Methods of soil analysis. American Society of Agronomy. 9: 1149-1178.
- Chang, J.S., <u>I.H. Yoon</u> and <u>K.W. Kim</u>. 2007. Isolation and ars detoxification of arseniteoxidizing bacteria from abandoned arsenic-contaminated mines arsenic. Journal Microbiology Biotechnology 17(5): 812-821.
- De la Fuente, C., R. Clemente, J.A. Alburquerque, D. Velez and M.P. Bernal. 2010. Implications of the use of As-rich groundwater for agricultural purposes and the effects of soil amendments on As solubility. Environmental Science, technology 44(24): 9463-9469.
- De Temmerman, N., L. Alegria Mira, A. Vergauwen, H. Hendrickx and W.P. De Wilde. 2012. Transformable structures in architectural engineering. High Performance Structures and Materials VI.
- Department of Agriculture. 2005. Manual of organic fertilizer analysis. Quick print off set: Bangkok. 45p. (in Thai)
- Duker A.A., E.J.M. Carranza and Martin Hal, 2005 Arsenic geochemistry and health Environment International 31(5): 631-641
- Francesconi, K., Visoottiviseth, P., Sridokchan, W., Goessler, W., 2002. As species in an As hyperaccumulating fern, Pityrogramma calomelanos: a potential phytoremediator of As-contaminated soil. Science of the Total Environment 284: 27-35.
- Gaw, <u>S.K., N.D. Kim</u>, <u>G.L. Northcott</u>, <u>A.L. Wilkins</u> and <u>G. Robinson</u>. 2008. Uptake of ΣDDT, arsenic, cadmium, copper and lead by lettuce and radish grown in contaminated horticultural soils. Journal of Agricultural and Food Chemistry 56: 6584-6593

- Kalra, Y.P. 1998. Handbook of reference methods for plant analysis. London: CRC Press. 300 p.
- Khan A.H., S.B. Rasul., A. Munir., M. Habibuddowla., M. Alauddin., S.S. Newaz. and A. Hussan. 2000. Appraisal of a simple arsenic removal method for groundwater of Bangladesh. Journal of Environmental Science and Health 35:1021-1041.
- Kumpiene, J., I. Montesinos, A. Lagerkvist and C. Maurice. 2007. Evaluation of the critical factors controlling stability of chromium, copper, arsenic and zinc in iron treated soil. Chemosphere 67: 410-417.
- Mayorga, P., A. Moyano, H.M. Anawar, A. García-Sánchez. 2013. Uptake and accumulation of arsenic in different organs of carrot irrigated with As-rich water. CLEAN– Soil Air Water 41:587-592.
- McBride, M.B., T. Simon, G. Tam and S. Wharton. 2013. Lead and arsenic uptake by leafy vegetables grown on contaminated soils: effects of mineral and organic amendments. Water, Air, and Soil Pollution 224: 1-10.
- Muñoz O., Díaz O., Leyton I., Nuñez N., Devesa V., Suñer M.A., Vélez D. and R. Montoro. 2002. Vegetables collected in the cultivated Andean area of Northern Chile: total and inorganic arsenic contents in raw vegetables. Journal of Agricultural and Food Chemistry 50: 642-647.
- National Health and Family Planning of People's Republic of China (NFHPC). 2012. China Food Safety National Standard for Maximum Levels of Contaminants in Foods.

http://www.cirsgroup.com/food/news/GB\_27622012\_maximum\_levels\_contamin ants.html. Accessed 1 February 2015.

- Notification of the Ministry of Public Health (No. 273) BE 2546. Food Standards Containing Contaminants (No. 2).
- O'Neill, P. 1995. Arsenic. In Heavy Metals in Soils (B. J. Alloway, Ed.). Blackie Academic and Professional, London.
- Sharma K.D., S. Karki., N.S. Thakur and S. Attri. 2012. Chemical composition, functional properties and processing of carrot - a review. Journal of Food Science and Technology 49(1): 22-32. DOI: 10.1007/s13197-011-0310-7

- Shrestha, R.A., B. Lama., J. Joshi. and M. Sillanpaa. 2008. Effect of Mn(II) and Fe(II) on microbial removal of arsenic(III) Environmental Science and Pollution Research 15:303-307.
- Shutsrirung, A. 2013. Selection of microorganism in highland for soil quality improvement in acid and high arsenic soils. Final report, Highland Research and Development Institute (Public Organization). Chiang Mai. 52 p.
- Smith, A., C. Hopenhayn-Rich., M. Bates., H. Goeden., I. Hertz-Picciotto, H. Duggan., R. Wood., M. Kosnett and M. Smith. 1992. Cancer risks from arsenic in drinking water. Environmental Health Perspectives. 97: 259-267.
- Smith, P.G., I. Koch and K.J. Reimer. 2008. Uptake, transport and transformation of arsenate in radishes (*Raphanus sativus*). Science of the total environment 390: 188-197.
- Tu, S. and L.Q. Ma. 2004. Comparison of Arsenic and Phosphate Uptake and Distribution in Arsenic Hyperaccumulating and Non-hyperaccumulating Fern Journal Plant Nutrition 27:1227-1242.
- Walinga, I., W.V. Vark, V.J.G. Houba and J.J. Vander Lee. 1989. Soil and Plant analysis a series of syllabi: part 7 plant analysis procedures. Department of Soil Science and Plant Nutrition. Wageningen Agricultural University, Netherland. 263p.
- Woodruff, C.M., 1948. Determination of the exchangeable hydrogen and lime requirement of the soil by means of the glass electrode and a buffered solution. Soil Science Society of America, Proceedings 12: 141-142.
- Woolson, E.A. 1983. Emissions, cycling and effects of arsenic in soil ecosystems. In Fowler, B. A. (Ed.), Biological and Environmental Effects of Arsenic. Topics in Environmental Effects of Arsenic. Topics in Environmental Health, 6, pp. 51-139. Elsevier, Amsterdam, 281 p.