

CURRICULUM VITAE

NAME: Professor JOHN DONOUGH HEBER KEATINGE BSc., MSc., Ph.D., CBiol, FSB.

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PERSONAL DATA: DoB: 20/4/51, Age 61, **Citizenship:** Irish, **Marital Status:** Married, 4 children

EDUCATION:

1978-Ph.D in Agronomy/Crop Physiology, Queen's University, Belfast, UK.

1975-M.Sc. Agronomy/Agroclimatology, University of Manitoba, Canada.

1973-B.Sc. Physical Geography, University of Bristol, UK.

EMPLOYMENT AND RESEARCH SUMMARY

April 2008 - Present

Director General, AVRDC -- The World Vegetable Center, and

Visiting Professor of Tropical Agriculture, The University of Reading, UK.

October 2002-April 2008

Deputy Director General – Research, International Crops Research Institute for the Semi-Arid Tropics, Patancheru, India and Visiting Professor of Tropical Agriculture, The University of Reading, UK.

April 1999- October 2002

Director Resource and Crop Management Division, International Institute of Tropical Agriculture, Ibadan, Nigeria and Visiting Professor of Tropical Agriculture, The University of Reading, UK.

September 1993-March 1999: Professor of Agricultural & Rural Systems and Management, Department of Agriculture, The University of Reading, UK.

1990-August 1993: ICARDA (International Center for Agricultural Research in the Dry Areas) Regional Research Co-ordinator for the Highlands of West Asia and North Africa based at the Central Research Institute for Field Crops at Ankara, Turkey.

1985-July 1990: Leader of the ICARDA Highlands Research Project Phases 1 & 2, Arid Zone Research Institute, Quetta, Pakistan.

1980-85: Agronomist in the Farming Systems Program, ICARDA, Aleppo, Syria.

1978-80: Environmental crop physiologist, the University of the West Indies, Trinidad.

PROFESSIONAL BODIES, COMMITTEES and HONOURS

2011 Appointed member of the Advisory Board to the Journal "Food Security: The Science, Sociology and Economics of Food Production and Access to Food"

2010- Appointed to the International Advisory Board of the Horticulture Collaborative Research Support Program, funded by the USAID and managed by the University of California, Davis.

2008- Appointed Vice-Chair of the Global Horticultural Initiative

2005-2008 Editor of the e-Journal of Semi-Arid Tropical Agricultural Research

2005 Chair of the Center Deputy Directors Committee (Alliance Deputy Executive) of the CGIAR

2002-2006 Appointed International Member of the Policy Advisory Committee of the Netherlands Foundation for the Advancement of Tropical Research (WOTRO).

1999- Appointed member of the editorial board of "Biological Agriculture and Horticulture"

1996-99, 1999-2002 Appointed and re-appointed corresponding member of the editorial advisory committee of the "Australian Journal of Agricultural Research"

1995-99 Appointed Member of the Department for International Development (DfID) Natural Resources Systems Programme Advisory Committee

1994 Elected Fellow of the Institute of Biology

1994-2002 Member of the editorial board of "Agricultural Systems"

PUBLICATIONS: Refereed Journal Articles 125+, Conference Proceedings and Poster Papers 60+.

J.D.H. Keatinge, D. Ledesma, F.J.D. Keatinge and J. d'A. Hughes (2012). Climate uncertainty: What response is needed from vegetable agronomists worldwide? *European Journal of Agronomy* (in press)

J.D.H. Keatinge, M.L. Chadha, J.d'A. Hughes, W.J. Easdown, R. Holmer, A. Tenkouano, R-Y. Yang, R. Mavlyanova, S. Neave, V. Afari-Sefa, G. Luther, M. Ravishankar, C. Ojiewo, M. Belarmino, J-F. Wang and L.J. Lin (2012). Vegetable gardens and their impact on the attainment of the millennium development goals. *Biological Agriculture and Horticulture* 28 (2) 1-15.

V. Afari-Sefa, A. Tenkouano, C. Ojiewo, **J.D.H. Keatinge** and J. d'A. Hughes (2012). Vegetable breeding in Africa: Constraints, complexity and contributions towards achieving food and nutritional security. *Food Security* 4, 115-127.

H. Jaenicke, M. Hermann, J. Coosje Hoogendoorn, Jackie Hughes, Remi Kahane, **J.D.H. Keatinge** and N. Looney. (2012). Realizing the benefits of enhanced agrobiodiversity. *New Agriculturalist*, January 2012, 2pp.

J.D.H. Keatinge, W.J. Easdown and J. d'A Hughes (2012). Small and medium-scale public-private partnerships in horticulture for development. *Horticulture for Development*, Eds R. Kahane, L. M. Martin and A. Martin. *Acta Horticulturae* 921, 25-33.

J.D.H. Keatinge, W.J. Easdown, J. d'A. Hughes, R-Y. Yang and R. Symonds (2011). Ensuring future food and nutritional security in the context of both a warming world and one with more limited natural resources. In *Science and Horticulture for People*, Eds. J. Janick, G.R. Dixon and L. Rallo. *Acta Horticulturae* 916, 47-58.

J.D.H. Keatinge, R-Y. Yang, J. d'A. Hughes, W.J. Easdown and R. Holmer (2011). The importance of ensuring both food and nutritional security in the likely future attainment of the millennium development goals. *Food Security* 3, 491-501.

J.D.H. Keatinge, W.J. Easdown, R.Y. Yang, M.L. Chadha and S. Shanmugasundaram (2011). Overcoming chronic malnutrition in a future warming world: The key importance of mungbean and vegetable soyabean. *Euphytica* 180, 129-141.

Miguel Gómez, Christopher Barrett, Louise Buck, Hugo De Groote, Shaun Ferris, Oliver Gao, Ellen McCullough, Dennis Miller, Hugh Outhred, Alice Pell, Thomas Reardon, Maria Retnanestri, Ruerd Ruben, Patrick Struebi, Jo Swinnen, Monica Touesnard, Katinka Weinberger, **J.D.H. Keatinge**, Mark Milstein, Prabhu Pingali, Ray-Yu Yang (2011). Research principles for developing country food value chains. *Science* 332, 1154-1155.

K.M Weinberger, W. Easdown, R-Y. Yang, **J.D.H. Keatinge** (2010). The way ahead for diversified diets and sustainable food systems in Asia and the Pacific. *Palawija News* 27 (3) 1-2. UN ESCAP.

S. Shanmugasundaram, **J.D.H. Keatinge** and J. d'A. Hughes (2010). The mungbean transformation: Diversifying crops, defeating malnutrition. In: *Proven Successes in Agricultural Development: A Technical Compendium*. Eds. D.J. Spielman and R. Pandya-Lorch pp 381-406. IFPRI, Washington.

J.D.H. Keatinge, J. d'A Hughes, A. Tenkouano, K. Hamilton, W.J. Easdown and H.O. Mongi (2010). Vegetables and small private sector interests. In: *World Food Security: Can Private Sector R&D Feed the Poor?* Ed. A.G. Brown pp 60-68, and pp 89. The Crawford Fund, Canberra, Australia.

J.D.H. Keatinge, F. Waliyar, R. H. Jamnadass, A. Moustafa, M. Andrade, P. Drechsel, J. d'A. Hughes, Palchamy Kardirvel, K. Luther (2010). Re-learning old lessons for the future of food: By bread alone no longer -- diversifying diets with fruit and vegetables. *Crop Science* 50, 51-62.

J.D.H. Keatinge, P.M. Gaur, K.B. Saxena, S. Silim, S.P. Wani, R.B. Jones, M. Siambi, F. Waliyar, C.L.L. Gowda and B.R. Ntare 2009. Diversification of cropping systems with food legumes in the

semi-arid tropics. Masood Ali, Sanjeev Gupta, P.S. Basu and Naimuddin (eds). Legumes for Ecological Sustainability. Indian Soc. Pulses Res and Dev. IIPR, Kanpur, India pp 15-28.

Mark L Wahlqvist, **J.D.H Keatinge**, Colin D Butler, Sharon Friel, John McKay, Warwick Easdown, Ken N. Kuo, Ching-jang Huang, Wen-Harn Pan, Ray-Yu Yang, Meei-Shyuan Lee, Hsing-Yi Chang, Ya-Wen Chiu, Dov Jaron, Michael Krawinkel, Snow Barlow, Greg Walsh, Tung-liang Chiang, Po-Chao Huang and Duo Li (2009). A Food in Health Security (FIHS) platform in the Asia-Pacific Region: The Way Forward. Asia Pacific Journal of Clinical Nutrition 18, 688-702.

K.M Weinberger, W. Easdown, R-Y. Yang, **J.D.H. Keatinge** (2009). Food Crisis in the Asia-Pacific Region. Asia Pacific Journal of Clinical Nutrition 18, 507-515.

J.D.H. Keatinge and W.J. Easdown (2009). Hidden hunger: Food security means balanced diets. Issues 89, 35-39.

S. Shanmugasundaram, **J.D.H. Keatinge** and J. d'A. Hughes (2009). Counting on Beans: Mungbean improvement in Asia. In Millions Fed: Proven Successes in Agricultural Development. Eds D.J. Spielman and R. Pandya-Lorch, IFPRI: Washington pp. 103-108.

J.D.H. Keatinge, D. Ledesma, J. D'A. Hughes and R. de la Peña, 2009 . A strategic look to the future for vegetable research: The World Vegetable Center and its partners. In: Global Climate Change: Imperatives for Agricultural Research in Asia-Pacific. Ed: K. Iiyama, JIRCAS:Tsukuba City, Japan pp.113-118.