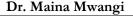
CURRICULUM VITAE





Contact information

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Academic qualifications

PhD in Crop Pests M	anagement, University of Bonn, Germany	2003
MSc in Plant Pathology: University of Nairobi, Kenya		
BSc Agriculture:	University of Nairobi, Kenya.	1994

Language competencies

Language	Speaking	Reading	Writing	
English	Good	Good	Good	_
Swahili	Good	Good	Good	
French	Fair	Fair	Fair	
German	Fair	Fair	Fair	
Chinese	Basic	Basic	Basic	

Statistical and data analysis packages: Genstat (good knowledge); SAS (good)

WORKING EXPERINCE

Administrative Position (April 2011 - current)

Director, Grant Writing and Management, Kenyatta University. This office coordinates activities across the university related to development and management of projects funded through external grants.

Teaching position - Senior Lecturer

Department of Agricultural Science and Technology, Kenyatta University.

Teaching undergraduate and postgraduate courses in Crop Production, Crop Protection and Agricultural Microbiology. The courses are taught to residential, Institutional Based Students and through Open, Distance and e-Learning mode.

Other current administrative responsibilities

- i. Board Member and Professional Mentor, Chandaria Business Innovations and Incubation Center (CBIIC), Kenyatta University. This role provides support to the management and mentoring to interns hosted at the CBIIC developing their ideas to profitable and sustainable commercial enterprise scale.
- ii. Board Member, Institute of African Studies. This role provides support to the management of the IAS to ensure achievement of its mandate effectively.
- iii. Trainer and mentor in Agribusiness, at the African Centre for Transformative and Inclusive Leadership (ACTIL), UN Women center at Kenyatta University.
- 1. Supervision of graduate students research projects and theses. The following projects supervised:

MSc research supervision

i. Carolyne Wangungu 2010-2012: Etiology, epidemiology and management of dieback disease of passion fruit (*Passiflora edulis*) in Central and Eastern regions. MSc project under RUFORUM and NCST scholarship.

- ii. Njeri Njau 2010 2012: Determination of the effectiveness of macropropagation technique in production of healthy banana seedlings. MSc project under RUFORUM scholarship.
- iii. Martha Kasyoka 2010 2012: Efficiency of macropropagation in relation to other banana seedling production methods. MSc project under RUFORUM scholarship.
- iv. Kwame Ogero 2010 2012: Micropropagation of cassava (*Manihot esculenta* Crantz) and sweet potato (*Ipomoea batatas* (L) Lam) through low cost and conventional tissue culture. MSc project. NCST sponsorship.
- v. Charles Karani 2011 2013: Evaluation of production efficiency of small scale purple passion fruit farmers towards improved livelihoods in eastern and north-rift regions, Kenya
- vi. Gichuki A.K. 2010- 2011. Analysis of marketing factors affecting profitability of smallholder dairy farmers in Nyeri County. MSc project.
- vii. Jane Kimani 2011 2013: Increasing the production of nodal cuttings in four sweet potato (*Ipomoea batatas*. l.) cultivars under low cost tissue culture conditions.
- viii. Mary Wakini Wanyonyi 2011 2013: Gender Responsiveness In Maize Production Technologies In Trans Nzoia County.
- ix. Stella Ignatius 2012 –2014: Evaluation of grafting technology for management of bacterial wilt of tomatoes.
- x. Rizki Mwandalu 2011 2014: Improving sorghum grain yield through use of fertilizer and manure in Makueni and Machakos County, Eastern Kenya.
- xi. Victor Ndalo 2014 Population dynamics and indigenous parasitoid guild of tomato leaf miner (*Tuta absoluta*) in Loitoktok, Kajiado County Kenya.

PhD research supervision

- i. Mugambi David K, 2010 2013. Evaluation of milk production efficiency in eastern central highlands of Kenya as an indicator of product demand. PhD project.
- ii. Mutura James 2011 . Analysis of vertical and horizontal integration of smallholder dairy farming enterprises in lower Central Province, Kenya. PhD project.
- iii. Grace Chirchir, 2011- Influence of priming on seed quality of soybean genotypes under different mother nutrient profiles and agroecologies in Kenya.
- iv. Peter Mwirigi, 2014 : Morphological characterization, water stress tolerance and nutrient management of yellow passion fruits (*Passiflora edulis* f. *flavicarpa*) in Mbeere District, Embu County.
- v. Paul Nyamwamu 2015 transmission mechanisms and management of the maize lethal necrosis disease.

Previous administrative responsibilities

- i. Coordinator, Open, Distance and e-Learning programmes in School of Agriculture and Enterprise Development, KU. 2010- 2011
- ii. Coordinator, Implementation of Quality Management Systems and ISO standards in School of Agriculture and Enterprise Development and also Department of Agric Science and Technology, 2009 – 2011.
- iii. Coordinator, Departmental Examinations Committee, Department of Agricultural Science and Technology 2009 2011.

Current and recent research grants/projects/activities

- i. Coordinator, EDULINK project on enhancing teaching of agriculture sciences in higher education institutions in East and Southern Africa. European Union, 489,899 Euro. 2013 2016.
- ii. Lead researcher, Passion fruit component of the Fruits value Chain project funded by Kenya Agricultural Productivity and Agribusiness project (KAPAP) 2011 2014. Total project funding= 24,000, 000 KES;

- passion fruit component = KSh. 7,052,850.00; 2011- 2014. Extended to phase II approximately sh. 2 million in 2014. Partners are KARI, Kenya Forestry Research institute (KEFRI), JKUAT, Univ. Of Nairobi, ICRAF, Kamurugu Agricultural Development Initiatives (KADI) Catholic Diocese of Embu, Kamumo Food processors (private sector), Rural Initiatives Development Agency, Kenya National Federation of Agricultural Producers (KENFAP).
- iii. Lead supervisor on PhD research project "Influence of Priming on Seed Quality of Soybean Genotypes Under Different Storage Agro-ecologies and Mother Plant Nutrient Profiles in Kenya" (Grace Chirchir) funded by National Commission for Science, Technology and Innovation Ksh. 684,000.
- iv. Lead collaborator (Kenya component) on PhD research project, "The influence of a radio intervention on farmers' understanding and practices in climate change mitigation and adaptation in Kenya" (Fiona Nyawira Mwaniki) project funded by National Commission for Science, Technology and Innovation Ksh. 600,000.
- v. Lead supervisor on cassava and sweet potato propagation project by MSc student (Kwame Ogero) on low cost tissue culture funded by National Council of Science and Technology: Ksh. 200,000.00
- vi. Lead supervisor passion fruit pathology project for MSc student (Carol Wangungu) funded by National Council of Science and Technology. KES 200,000. 2011 2012
- vii. Collaborating researcher on project titled:' Delivering technologies to salvage and sustain the high tunnel ("greenhouse") innovation for profitable small holder tomato production in rural Kenya' 2012 2014. KES 2000,000 funded by NCST through Women Scientists Fund, 2012 2014. PI. Dr. Jesca Mbaka, Partners KARI, KENFAP, Ministry of Agriculture, tunnel facbricators, tomato marketers and nursery oerators.
- viii. Collaborating researcher on project on: Enhancing cassava productivity through application of Marker Assisted Selection for Mosaic and Brown Streak disease resistance Funded by East Africa Agricultural productivity project -EAAPP/OCGS/01/2011/19.
- ix. Coordinator, Integrated Soil Fertility Management Training programme grant to Kenyatta University by the Alliance for A Green revolution in Africa (AGRA) to train 15 MSc level professionals from Mozambique, Rwanda and Kenya and equip state of the art laboratory for soil and plant tissue analysis; 2010 2013. Budget total from AGRA = USD715,000. Project is being implemented in partnership with national institutions in the home countries of the students who host the students when conducting field research phase of their projects.
- x. Principal Investigator, RUFORUM Banana macropropagation project. 60, 000 USD, 2010 2012. Partners are KARI and Farm and Community Technologies Ltd.
- xi. Coordinator, Farmer Voice Radio project in Kenyatta University, 2009 2012. Funded by American Institutes for Research (AIR), implementing partners are Kenya National Federation of Agricultural producers (KENFAP), JKUAT, Kenya Broadcasting Corporation (KBC), FIT Resources, Presbyterian University of East Africa (PUEA) and Ministry of Agriculture. Budget to Kenyatta Univ. About USD 250,000.
- xii. Banana Xanthomonas Wilt component of the regional Crop Crisis Control project-C3P project (http://c3project.iita.org/) for six countries, funded by USAID and implemented under leadership of Catholic Relief Services and a consortium of NGOs (USD 4.5 M).
- xiii. ASARECA BXW management project Euro 420,000, developed and implemented with NARS in Kenya, Uganda and Democratic Republic of Congo.
- xiv. Obtained grant funding to hire Associate Professional Officer for BXW vector management, \$ 282,000 (2006 2009) (The Netherlands government).
- xv. IFAR grant in 2006 for NARS capacity building in DR Congo, total budget \$11,000.
- xvi. DFID Research Into Use Program, 2006. Technology evaluation grant, 7500 Pounds.

Past employment November 2007 – April 2009 Manager, Biosciences Business Units, Farm and Community Technologies Ltd, Nairobi, Kenya. Established commercial nursery for production and marketing of vegetatively propagated planting materials; managing science communications products.

August 2005 - November 2007

Banana Plant Pathologist, International Institute of Tropical Agriculture (IITA, www.iita.org), Kampala, Uganda. Assumed this position on transfer from IITA West/Central Africa, Ibadan, Nigeria.

- Conducted research in Uganda, Kenya, Tanzania, Rwanda, Burundi and DR Congo on transmission of Banana *Xanthomonas* wilt (BXW);
- Disease management; development of diagnostic techniques for BXW in collaboration with Ohio State University.
- Was responsible for organizing regional as well as numerous in-country training workshops on crop disease management with participants from various sectors (policy makers, research and training organisations, private sector etc) from Uganda, Kenya, Rwanda, Burundi, Tanzania and DR Congo.
- During this period I developed or contributed to development and implementation of various regional projects in collaboration with NARS;

July 2003 - July 2005: Post Doctoral Research Fellow, International Institute of Tropical Agriculture (IITA - West/Central Africa) based at Ibadan, Nigeria.

- Research on management of soil borne diseases of cassava, yam, cocoyam, banana and plantain in Nigeria, Cameroon and Democratic Republic of Congo.
- Pathogen diagnostics and studies on interrelations with ecology, vectors, transmission pathways, and management including developing various techniques for screening germplasm for resistance.
- Disease surveillance with national scientists in Cameroon, Nigeria, DR Congo.
- Infrastructure development (labs) at IITA station in Yaounde Cameroon; INERA labs in DR Congo Mvuazi in 2004; recruiting and training staff to manage the rehabilitated labs and research facilities.

Other relevant engagements

- i. Baseline assessment of the AGRA funded ISFM training programme at Kenyatta Univ., March 2011.
- ii. Lead consultant on Assessment of Quality Management of the Kenya National Domestic Biogas Programme (KENDBIP), April – June 2012. Implementers SNV (Netherlands), Hivos (Netherlands), KENFAP (Kenya).
- iii. Invited Reviewer for research concept notes submitted to the Staple Crops Programme of ASARECA, call for proposals titled "Innovations for sustainable production and utilization of pearl millet in drought prone areas of East & Central Africa". April 2011, Entebbe Uganda.
- iv. Invited Reviewer for research concept notes submitted to the High Value Non-Staple Crops (HVNSC) programme of ASARECA. Call titled "Utilisation of bean innovations for food security and improved livelihoods in eastern and central Africa." October 2010, Entebbe, Uganda.
- v. Invited participant to Expert Group Meeting in Trieste, Italy organized by the International Center for Science and High Technology (ICS) and UNIDO to discuss "Detection and health validation methods of bioactive compounds in plants and foods products". 14 15th March, 2012.
- vi. Invited participant to a Biotech Workshop for leaders of Key institutions and eminent scientists involved in Biotechnology and Biosafety Activities, held at Sarova Panafric Hotel, NairobI, Friday 11th May 2012. UON-USAID Agro-biotech outreach & awareness workshop.
- vii. Invited participant to workshop by Ministry of Agriculture developing policy on orphan and neglected crops, 2010.

Membership to associations

- 1. Member, International Society of Horticultural Sciences
- 2. Horticultural Association of Kenya 2011 –2013.
- 3. Currently, Editor, African Journal of Horticultural Sciences, under HAK

- 4. Editor, Journal of Applied Biosciences
- 5. ProMusa the Global banana researchers' network. Hosted by Bioversity International.

Short courses

Certificate in procurement procedures for the directors, tender committee and tender processing committee at Kenyatta University from 30th to 1st July 2014. Center for procurement and supply chain management.

Training seminars conducted

22nd – 24th October, 2014. Akili Dada - University female leaders training in leadership and entrepreneurship. Facilitator in: sourcing for funds, grants and other resources. Kenyatta University Conference Center, Kenya.

PUBLICATIONS

Journal papers and Book chapters

- 1. Mugambi, David Kimenchu, Maina Mwangi, Wambugu, Stephen Kairu, Gitunu Antony. Assessment of performance of smallholder dairy farms in Kenya: an econometric approach. Journal of Applied Biosciences 85: 7891–7899.
- 2. Carolyne W. Wangungu, Maina Mwangi, Ruth Gathu, and Reuben Muasya. (2014). Good Orchard Maintenance and Agronomic Practices as Working Components in Management of Dieback Disease on Passion Fruit (*Passiflora* sp.) in Kenya. Annual Research & Review in Biology. 4(9): 1397-1405, 2014.
- 3. Riziki Mwadalu and Maina Mwangi, 2013. The potential role of sorghum in enhancing food security in semi-arid eastern Kenya: A review. Journal of Applied Biosciences (J. Appl. Biosci.) 71: 5786 5799.
- 4. C. Karani Gichimu, I. Macharia, M. Mwangi, 2013. Assessment of Input-Output Transformation in purple passion fruit production in Central-Eastern and North Rift, Kenya. Current Research Journal of Economic Theory 5(2): 32-37, 2013. ISSN 2042-4841; e-ISSN 2042-485X.
- 5. Charles Karani Gichimu, Maina Mwangi and Ibrahim Macharia, 2013. Assessment of passion fruit orchard management and farmers technical efficiency in Central-eastern and North-Rift Highglands, Kenya. Journal of Economics and Sustainable Developemnt, Vol 4, 183 190. ISSN 2222-1700 (paper), ISSN 2222-2855 (online).
- 6. Kwame Okinyi Ogero, Gitonga Nkanata Mburugu, Maina Mwangi, Michael Mugambi Ngugi and Omwoyo Ombori, 2012. Low Cost Tissue Culture Technology in the regeneration of Sweet Potato (*Ipomoea batatas* (L) Lam). Research Journal of Biology (2012), Vol. 02, Issue 02, pp. 71-78.
- 7. Kwame O. Ogero, Gitonga N. Mburugu, Maina Mwangi, Omwoyo Ombori and Michael Ngugi, 2012. *In vitro* Micropropagation of Cassava Through Low Cost Tissue Culture. Asian Journal of Agricultural Sciences 4(3): 205-209.
- 8. Wangungu, C., Maina, M. and Mbaka, J., 2012. Proposed assessment scale for dieback disease severity on passion fruit. J. Animal and Plant Sciences [ISSN 2071 7024] 12(2): 1560 -1572.
- 9. Njeri Njau, Maina Mwangi, Ruth Gathu, Jesca Mbaka, Reuben Muasya, 2011. Banana weevil (*Cosmopolites sordidus*) reduces availability of corms for seedling production through macropropagation technology. Journal of Animal and Plant Sciences [ISSN 2071 7024] Volume 12(1): 1537 -1542.
- 10. Supervisor to winning paper of the international TEEAL competition **by** Ogero Kwame Okinyi -- Kenyatta University, PAPER TITLE: "In vitro micropropagation of cassava through low cost tissue culture. http://teeal.org/about/news/winners-announced-teeal-graduate-student-research-paper-competition-2011
- H. Bouwmeester, S. Abele, V.M. Manyong, C. Legg, M. Mwangi, V. Nakato, D. Coyne and K. Sonder, 2010. The Potential Benefits of GIS Techniques in Disease and Pest Control: an Example Based on a Regional Project in Central Africa. In ISHS Acta Horticulturae 879: <u>International Conference on Banana and Plantain in Africa: Harnessing International Partnerships to Increase Research Impact</u>. . Pp 333 340. Editors; T. Dubois, S. Hauser, C. Staver, D. Coyne. 25 November 2010. ISBN 978-90-66055-93-3; ISSN 0567-7572
- 12. Maina Mwangi (editor), 2010. Contribution of Agricultural Sciences towards achieving the Millenium Development Goals. Edited proceedings of the 3rd International e-Conference on Agricultural Biosciences. ISBN: 978 9966 7415 2 6. 162 pp. http://www.m.elewa.org/leCAB2010e-book.pdf

- Maina Mwangi and Wangungu Carol (editors), 2010. Developing agricultural extension capacity in Kenya: Experiences of Kenyatta University Interns in the Farmer Voice Radio Project. Group 1: July – August, 2010. ISBN 978-9966-7415-3-4. FaCT Publishing, Kenya. 82 pp. http://www.m.elewa.org/uris-ku-group1.pdf
- 14. Maina Mwangi and Mukiri Githendu (editors), 2010. University radio Interns training and field practice handbook. Kenyatta University, 2010. 62pp. ISBN 978 9966 7415 1 8.
- 15. Leena Tripathi, Maina Mwangi, Steffen Abele, Valentine Aritua, Wilberforce Kateera Tushemereirwe and Ranajit Bandyopadhyay, 2009. Xanthomonas Wilt A threat to banana production in East and Central Africa. Fruit Strategies International. http://www.fruit-strategy.com/Articles.aspx
- 16. Maina Mwangi, 2009. Knowledge for crop disease management: the case of banana Xanthomonas wilt. Journal of Animal and Plant Sciences 2(1): 67 72.
- 17. Tripathi L., Mwangi M., Abele S., Aritua V., Tushemereirwe W., Bandyopadhayay R., 2009. Xanthomonas wilt: A threat to banana production in East and Central Africa. Plant Disease 93(5): 440 451.
- 18. J.N. Mbaka, M. Mwangi and M.N. Mwangi, 2008. Turning Farming to Business: the Role of Tissue Culture Propagated Bananas in Kenya. J. Appl. Biosc. 9(1): 354 361.
- 19. Mbaka J.N., Maina, M., Nakato, V.G. and Auma, J. An outbreak of banana xanthomonas wilt in banana orchards in Western Kenya. Afr. J. Hort. Sci. (2008) 1:9-18.
- 20. Ngoko Z, Daoudou, Imele H, Kamga PT, Mendi S, Mwangi M, Bandyopadhyay R. and Marasas WFO, 2008. Fungi and mycotoxins associated with food commodities in Cameroon. J. Appl. Biosc. 6: 164 168.
- 21. Okechukwu, R.U., A.G.O. Dixon, M. Akoroda, M. Mwangi, and R. Bandyopadyay, 2008. Root rot resistance in new cassava varieties introduced to farmers in Nigeria. *Experimental Agriculture*.
- 22. Mwangi M. & Muthoni S. 2008. Survival of Xanthomonas vasicola pv musacearum on metallic tools. J. Appl. Biosc. 3: 91 93.
- 23. Ndungo V., Komi F. and Mwangi M., 2008. Banana Xanthomonas wilt: spread and management in the Democratic Republic of Congo. *J. Appl. Biosci.* 1(1): 1 7.
- 24. Maina Mwangi, 2007. Responding to Banana Xanthomonas wilt amidst multiple pathogens. A Crop Crisis Control project Brief. 9pp. http://c3project.iita.org/Doc/A2BriefRespondingtoBXW.pdf
- Vigheri Ndungo, Maina Mwangi, Nakato V., 2007. Brief report of C3P-BXW surveillance and partner visit to DR Congo Feb- March 2007. 7pp. http://c3project.iita.org/Doc/A12-BXWSurveyDRC.pdf
- 26. M. Mwangi, M. Mwebaze, R. Bandyopadhyay, V. Aritua, S. Eden-Green, W. Tushemereirwe and J. Smith. 2007. Development of a semi-selective medium for isolating Xanthomonas campestris pv musacearum from insect vectors, infected plant material and soil. Plant Pathology 56: 383-390.
- 27. Mwangi, M., Bandyopadhyay, R., Ragama, P. and W.K. Tushemereirwe, 2007. Assessment of banana planting practices and cultivar tolerance in relation to management of soilborne Xanthomonas campestris pv musacearum. Crop Protection 26(8): 1203 -1208.
- 28. Moses Biruma, Michael Pillay, Leena Tripathi, Guy Blomme, Steffen Abele, Maina Mwangi, Ranajit Bandyopadhyay, Perez Muchunguzi, Sadik Kassim, Moses Nyine Laban Turyagyenda and Simon Eden-Green. 2007. Banana Xanthomonas wilt: a review of the disease, management strategies and future research directions. African Journal of Biotechnology 6(8): 953-962.
- 29. Mwangi Maina and Valentine Nakato. 2007. Key drivers of the Banana Xanthomonas Wilt pandemic in East and Central Africa. Submitted to Acta Horticulturae.
- 30. Bandyopadhyay R., Mwangi M., Aigbe, S.O. and Leslie J. F. 2006. Fusarium species from the cassava root rot complex in West Africa. Phytopathology 96: 673 -676.
- 31. Mwebaze MJ, Tusiime G, Tushemereirwe WK, Kubiriba J, Maina M. 2006. Development of diagnostic media for Xanthomonas campestris pv musacearum. African Crop Science Journal 14(2): 129-135.
- 32. Mwangi, M., Bandyopadhyay, R. and Tenkouano, A. Faturoti, T. 2005. Outbreak of basal end rot on banana and plantain in Nigeria. African Crop Science Proc. 7: 293-295.

- 33. Kotchoni O. S., Gachomo W. E. and Mwangi, M. 2005. Commercial production of genetically modified crops: a prognosis towards acceptance. International J. of Agriculture and Biology 7 (4): 681-688
- **34.** Mwangi, M., Bandyopadhyay and Asiedu, R.. 2005. Evaluating use of minitubers in screening yam genotypes for tolerance to fungal rot pathogens. African Crop Science Proc. 7: 273-276.
- **35.** Mwangi, M., R. Sikora and R. Hauschild. 2004. The role of bacteria emmitted cyanogenic metabolites in biocontrol. African Crop Science Proc. 7(1): 305-308.

Edited conference proceedings, abstracts and other publications

- 1. Ogero K. O., Mwangi M., Gitonga N. M., Ombori O. and Ngugi M. Enhancing access to disease-freesweetpotato planting materials through low cost tissue culture for food security and poverty alleviation in Eastern Africa. Submitted to the Agricultural Biosciences International Conference (ABIC) 2014, 5-8 October in Saskatoon Canada. http://www.abic.ca/abic2014/
- 2. Impacting lives of young scientists a story of a Kenyan Young Scientist, Carolyne W. Wangungu. RUFORUM Monthly, volume 7, issue 03. Regional Universities Forum for Capacity Building in Agriculture. March 2013, ISSN 2073-9699.
- 3. Maina Mwangi, 2012. Consumer preferences and strategies for growth of strawberry enterprise in Kenya. Presented at the 7th International Strawberry Symposium (VII ISS), 18 22, February 2012, Beijing, China. http://www.iss2012bjchina.org.cn/en
- 4. Maina Mwangi, 2012. Food for health: experience in Kenya. Paper presented at the Expert Group meeting on "Detection and health validation methods of bioactive compounds in plants and food products". Organised by ICS-UNIDO, Trieste, Italy, 14 15 March, 2012. http://www.ics.trieste.it/ics-activities/ics-scientific-events.aspx?itemID=9348.
- Wangungu Carol and Maina Mwangi, 2011. Dieback Disease of Passion Fruit: Its Etiology and Epidemiology. Horticultural Association of Kenya annual conference 2011 (http://hakenya.net/2011/12/12/11th-hak-workshop-)
- 6. Njeri Njau and Mwangi M., 2011. Evaluation of macropropagation technology to produce banana seedlings free from pests and pathogens "http://hakenya.net/2011/12/11th-hak-workshop-
- 7. Ogero K.O, Gitonga N.M, Mwangi M, 2011. Response of two sweet potato varieties regenerated on low cost tissue culture medium. Proceedings of the 10th African Crop Science Conference, 10th 13th October 2011, Maputo, Mozambique, Pg. 246 247.
- 8. Ogero K.O, Gitonga N.M, Mwangi M, Ombori O. and Ngugi M. Evaluating the feasibility of using locally available fertilizers as low cost nutrients in sweet potato (*Ipomoea batatas* Lam) tissue culture. Submitted to the 10th African Crop Science Conference to be held 10th 13th October 2011, Maputo, Moz.
- 9. Carolyne .W. Wangungu; Maina Mwangi; Ruth Gathu; Reuben Muasya; Jesca Mbaka; Njuguna Kori, 2011. Practices for reducing dieback disease incidence on passion fruit in Kenya. Proceedings of the 10th African Crop Science Conference to be held 10th 13th October 2011, Maputo, Mozambique, Pg. 264.
- 10. MARTHA R. KASYOKA, MWANGI M., KORI N., MBAKA J., GITONGA N, 2011. Banana seedling systems in central and eastern Kenya. Proceedings of the 10th African Crop Science Conference to be held 10th 13th October 2011, Maputo, Moz. Pg. 248
- 11. MARTHA R. KASYOKA, MWANGI M., KORI N., MBAKA J., GITONGA N, 2011. Distribution and uses of banana varieties in central and eastern regions of Kenya. Proceedings of the 10th African Crop Science Conference, 10th 13th October 2011, Maputo, Mozambique, Pg. 245
- 12. Njeri Njau, Maina Mwangi, Ruth Gathu, Reuben Muasya, Jesca Mbaka, 2011. Assessing macropropagation technique for production of healthy banana seedlings. Proceedings of the 10th African Crop Science Conference to be held 10th 13th October 2011, Maputo, Moz. Pg. 248 249.

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- 13. Maina Mwangi, 2011. Increasing incidence of cigar end rot disease is compromising recent gains in banana production in Kenya. Proceedings of the 10th African Crop Science Conference to be held 10th 13th October 2011, Maputo, Moz. Pg. 110

- **14.**Maina Mwangi-and Wangari Wangungu, 2011. Reference to the pathological condition afflicting passion fruits in Kenya as dieback is an anomaly. Proceedings of the 10th African Crop Science Conference to be held 10th 13th October 2011, Maputo, Moz. Pg. 264 265.
- 15. Njeri Njau, Maina Mwangi, Mbaka, J., Gathu, R, & Muasya, R. 2010. Biotic constraints to banana production in Eastern and Central Provinces of Kenya. Proceedings of the Second RUFORUM Biennial Meeting 20 24 September 2010, Entebbe, Uganda. Pp 267 269. http://mak.ac.ug/documents/RUFORUM/NjeriBiotic.pdf
- 16. Wangungu, C.W., Maina Mwangi, Mbaka, J., Kori, N. & Gathu, R.. 2010. Biotic constraints to passion fruit production in central and eastern provinces of Kenya. Proceedings of the Second RUFORUM Biennial Meeting 20 24 September 2010, Entebbe, Uganda. Pp 239 241. www.mak.ac.ug/documents/RUFORUM/WangunguBiotic.pdf
- 17. Kasyoka, M.R., Mwangi, M., Kori, N., Gitonga, N. & Muasya, R, 2010. Evaluating the macropropagation efficiency of banana varieties preferred by farmers in Eastern and Central Kenya. Proceedings of the Second RUFORUM Biennial Meeting 20 24 September 2010, Entebbe, Uganda. Pp 499 503. http://mak.ac.ug/documents/RUFORUM/Kasyoka.pdf
- 18. Wangungu, C.W., Maina Mwangi, Mbaka, J., Kori, N. & Gathu, R.. 2010. Studies on the etiology, epidemiology and management of dieback disease of passion fruit in Kenya. Proceedings of the Second RUFORUM Biennial Meeting 20 24 September 2010, Entebbe, Uganda. Pp 303 305. http://mak.ac.ug/documents/RUFORUM/WangungaStudies.pdf
- 19. Njeri Njau, Mwangi, M., Gathu, R., Mbaka, J., Kori, N. & Muasya, R. 2010. Assessing effectiveness of macropropagation technology to produce healthy seedlings of banana varieties with high market demand in Eastern and Central provinces, Kenya. Proceedings of the Second RUFORUM Biennial Meeting 20 24 September 2010, Entebbe, Uganda. Pp 531 533. http://mak.ac.ug/documents/RUFORUM/NjeriAssessing.pdf
- 20. Carolyne Wangungu, Njuguna Kori, Maina Mwangi, 2010. Research gaps on passion fruit diseases in Kenya. Pg. 66 67, 3rd Int. e-Conf. On Agricultural Biosciences, June 1 15, 2010. http://www.econference.elewa.org/agriculture/abstracts2010-new.html
- 21. **Mwangi Maina** and C. Legg, 2008. Targeting interventions against banana Xanthomonas wilt in East and Central Africa using GIS techniques. 'Banana and plantain in Africa, harnessing international partnerships to increase research impact', at Mombasa in October 5-10, 2008. <u>www.banana2008.com</u>.
- 22. **Maina Mwangi**, 2008. Environmental impacts of crop pathogens. Proceedings of the International e-Conference on Biomedical, Environmental and nutritional Health Sciences 2008. Online, Oct 6-20, '08. http://www.e-conference.elewa.org/biomedical
- 23. **M. Mwangi** and S. Muthoni, 2008. Potential negative impacts of vegetable production in polluted environments. Proceedings of the international e-Conference on Biomedical, Environmental and nutritional Health Sciences 2008. Online, Oct 6-20, '08. http://nww.e-conference.elewa.org/biomedical
- 24. Fiaboe, K.K.M.; G.V. Nakato; **M. Mwangi** and F. Beed, 2008. Spread and management of banana xanthomonas wilt in the great lakes region. AATF seminar, Entebbe, Uganda.
- 25. M. Mwangi and S. Muthoni, 2008. Implementing banana macropropagation in Kenya potential and challenges. Proceedings of the International e-Conference on Agricultural BioSciences 2008, June 2-16, 2008. Book of Abstracts: Volume 1 http://www.e-conference.elewa.org/agriculture/abstracts2008-new.html
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