



All Africa Horticulture Congress



Final Program

Day 1		Monday, August 31, 2009	
07:30		Registration (start from Sunday 16:00 at Safari Park Hotel)	
		Opening Ceremony (Plenary Hall): Dr. W. Songa, Chair Dr. S. Mbithi, Master of Ceremony Dr. L. Wasilwa, Rapporteur	
09:00 am to 09:10		Welcoming Remarks: KARI (Dr. E.A. Mukisira, Director)	
9:10 am to 9:30		Objectives and expected outputs of the Congress GlobalHort (Dr. R. Kahane, Executive Secretary) Welcoming Remarks & Invitation of Chief Guest PS Agriculture (Dr. R. Kiome) Official Opening & Opening Speech Minister of Agriculture (Hon. W. Arap Ruto EGH, MP)	
9:30 to 10:00		Health Break Group Picture Taking Official Opening of the Exhibition	
10:00 to 11:00		The Place of Horticulture in the NEPAD Agricultural Framework NEPAD (A. Ismail, Deputy Director Regional Office) Horticulture in the International Research for Development Agenda GFAR (Dr. J. Ganry, GCARD facilitator) The Role of Research and Capacity Building in Horticulture Development in Africa FARA (not yet confirmed) Investments in African horticulture: opportunities and challenges Netherlands Embassy (Dirk Bruinsma, Counsellor for Agriculture, Nature and Food Quality to Kenya, Tanzania and Uganda, also for UNEP) Horticulture industry in Africa: an overview HCA (T. Shah) Horticulture in Kenya: Milestones HCDA (Joseph Kibe, Chairman)	
11:00 to 11:50		Keynote Addresses: Information on the global picture of horticultural science ISHS (Dr. J. Van Assche, Secretary General) An overview of Horticulture in Africa FAO (Dr. A. Hodder, Head of Horticulture Division)	
11:50 to 13:10		Plenary Session- Lead Papers (Plenary Hall) Dr. C. Kedera (KEPHIS), Chair Dr. Remi Kahane, Rapporteur	
11:50 to 12:10		Keynote address Theme 1: Food Security Dr. Pape A. Seck, DG WARDA, Benin	

12:10 to 12:30	<p>Keynote address Theme 2: Nutrition & Health Horticulture works for human health: Case study of schools garden to improve children's education and nutrition Dr. Ellen A. Muehlhoff, FAO Nutrition Division, Italy</p>
12:30 to 12:50	<p>Keynote address Theme 3: Environment & Natural Resources Management Status of horticultural pest management in Africa: Challenges and opportunities in a changing global environment Dr. Christian Borgemeister, DG ICIPE, Kenya</p>
12:50 to 13:10	<p>Keynote address Theme 4-5: Socio-economics, food safety and markets International Trade Opportunities and Challenges for Small Scale horticultural Production Systems Dr. Alfred Serem, HCDA Kenya</p>
13:10 to 14:00	Lunch Break
14:00 to 16:00	Parallel Thematic Sessions
	<p>Food Security (Room 1) Dr. Boade Adebayo, Chair Dr. Subramanian Sevgan, Rapporteur</p>
14:00 to 14:20	<p>Agricultural production: The cornerstone for integrated rural village renewal du Preez R.</p>
14:20 to 14:35	<p>The Role of Postharvest Horticulture on TOTAL Food Security in Africa Opara U.L.</p>
14:35 to 14:50	<p>Effect of Fertilizer Inputs on the Yield and Quality of <i>Solanum aethiopicum</i> Ddamulira G., Sseruwagi P., Mayamba A., Logose M., Kasambula P.</p>
14:50 to 15:05	<p>Vegetable production in Egypt Habashi A.H.</p>
15:05 to 15:20	<p>Thirty years of horticultural research in Botswana: the contribution of research to successful development of an irrigated horticulture sector Wiles G.C., Machacha D.</p>
15:20 to 15:35	<p>Food security, food safety and wealth creation: the role of Embrapa Vegetables in the sustainable development of vegetables crops production in Africa Moretti C.L., Vieira J.V., Nascimento W.M.</p>
15:35 to 16:00	Health break
	<p>Human Health, Nutrition & Lifestyle Horticulture (Room 2) Dr. Ellen A. Muehlhoff, Chair James Muthomi, Rapporteur</p>
14:00 to 14:15	<p>Street foods in Nairobi, Kenya: their role as a source of micronutrients in low income groups Oyunga-Ogubi M.A., Waudu N.J., Afullo A., Oiye S.O.</p>
14:15 to 14:30	<p>Utilisation of indigenous plant resources for health and food security in Swaziland Shongwe V.D., Masarirambi M.T.</p>
14:30 to 14:45	<p>The potential of indigenous fruit trees in homegardens of Central Sudan and Eastern Kenya for improving nutrition and income of rural communities in the face of climate change Kehlenbeck K., Jamnadass R., Wiehle M., Goenster S., Gebauer J.,</p>

14:45 to 15:00	<p>Buerkert A.</p> <p>Embracing Horticulture for Self-Sustainability among Households Living with HIV/AIDS in western Kenya</p> <p>Ng'ang'a M.N., Nyabinda N., Anyama B., Ludman N.</p>
15:00 to 15:15	<p>Combating food and nutrition challenges facing HIV/AIDS affected households through horticulture and livestock production in Nakuru town, Kenya</p> <p>Njenga M., Karanja N., Prain G., Mbugua S., Andersen N., Levy J.</p>
15:15 to 15:35	Discussion
15:35 to 16:00	Health break
	<p>Socio-Economics, Food Safety, and Market Issues (Room 3)</p> <p>Dr. Elsa du Toit, Chair</p> <p>Wangai J. Kimenju, Rapporteur</p>
14:00 to 14:20	<p>Africa – U.S Trade Relations in the Horticultural Sector</p> <p>Odularu G.O.</p>
14:20 to 14:35	<p>Residual effect of phosphorus on amaranth production in the tropics</p> <p>Ojo D.</p>
14:35 to 14:50	<p>Framework and synthesis for assessing the impact of production standards on stakeholders in Kenyan vegetable export production</p> <p>Mithöfer D., Asfaw S., Ehlert C., Mausch K., Waibel H.</p>
14:50 to 15:05	<p>South African Citrus Farmers' Perceptions of the Benefits and Costs of Complying with the GLOBALGAP Protocols on Fresh Citrus Exports to the European Union (EU)</p> <p>Darroch M. A.G., Ndlovu P.</p>
15:05 to 15:20	<p>Fruit farmers' challenges and GlobalGAP norms requirements in Toamasina, Madagascar</p> <p>Ramananarivo R., Ramananarivo S., Imbiky H. , Mahafeno A.O., Raharijaona L.J.</p>
15:20 to 15:35	<p>Evidencing and reducing the carbon footprint of Kenyan export horticultural crops – challenges and opportunities</p> <p>Bingley E., Shah H.</p>
15:35 to 16:00	Health break
14:00 to 17:30	<p>Side Event: ICIPE Workshop on IPM in Horticultural Production Systems (Room 4)</p> <p>Dr. Christian Borgemeister, Chair</p> <p>Dr. Chabi Olaye, Rapporteur</p>
14:15 to 14:30	<p>IPM as an effective mean to control plan pests under GAP conditions</p> <p>Abd El Moity T.H.</p>
14:30 to 14:45	<p>Seed treatment with micronutrients and antioxidants as a new strategy for controlling pathogenic fungi affecting cucumber</p> <p>Yousef S.A.M., Ahmed H.M.I.</p>
14:45 to 15:00	<p>Management of alien invasive insect pest species of fruits and vegetables: Experiences from East Africa</p> <p>Nyambo B., Subramanian S., Chabi-Olaye A., Ekesi S.</p>

15:00 to 15:15	Biological control of the Diamondback Moth, pesticide use and farmers' health in crucifer production in Kenya and Tanzania Mithöfer D., Jankowski A., Löhr B., Waibel H.D.
15:15 to 15:30	Pesticide use in horticultural production in Africa in a changing Global environment Bashir N.H.H.
15:30 to 15:45	Integrated Pest Management training and information flow among smallholder horticulture farmers in Kenya Bekele N., Mithöfer D., Amudavi D., Obare G.
15:45 to 16:00	On-tree fruit bagging for fruit disease and pest control Runkuaa J.M., Mathooko F.M.
16:00 to 16:15	Integrated Pest Management in Ethiopian Rose Horticulture Elings A., den Belder E., Yilma Y., Dawd M., Lemessa F.
16:30 to 17:30	Discussion/Round Table
	Sub-theme: Environment and Natural Resources Management (Room 1) Dr. André De Jager, Chair Dr. Brigitte Nyambo, Rapporteur
16:00 to 16:20	Vertical Farming to Rwanda Small Scale Tomato Farmers - a case study in COPAR-IMENA tomato growers cooperative Ndayambaje, Jean Claude
16:20 to 16:35	Horticultural agroecology research and education programs in Africa de Bon H., Ratnadass A., Lançon J., Vayssières J.-F., Diarra K., Bordat D., Malézieux E.
16:35 to 16:50	Use of <i>Tithonia diversifolia</i> and Compost as soil amendments for growth and yield of <i>Celosia argentea</i> Shokalu A.O., Ojo A.O., E-Adewoyin D.T., Akintoye H.A., Idowu, A.A.
16:50 to 17:05	Importance of wetlands ecosystems to livelihoods and rural economy: role of horticultural crop production in the Volta Basin (Ghana and Burkina Faso) Atibila J., Fraser E.D.G.
17:05 to 17:20	Participatory evaluation of 15 African Eggplant Varieties for Fruit Production in Mali Diouf M., Abdourhamane I.K., Akyeampong E.
17:20 to 17:30	Participatory Variety Evaluation, Selection, and Release of Late Blight Resistant Tomato Varieties in Tanzania C. O. Ojiewo, I. S. Swai, M. O. Oluoch, D. Silué, R. Nono-Womdim, P. Hanson
16:00 to 18:00	Side Event: FAO on Urban Horticulture/City Supply (Room 2) Dr. Alison Hodder, Chair Dr. Monicah Waiganjo, Rapporteur
16:00 to 16:20	The integration of UPA in agriculture policy and strategy in Kigali Kacyira A.K.
16:20 to 16:40	The organizational set up and achievements of UPA in the Democratic Republic of Congo Gwabiza I.
16:40 to 17:00	The impact of urban and peri-urban horticulture on the livelihood of

	<p>smallholder farmers in Nairobi Runkua J.M., Kamore J., Kamau W.</p>
17:00 to 17:20	<p>Characterizing changes in urban landscape of Nairobi city, Kenya Njoroge J.B.</p>
17:20 to 17:30	<p>Strategies for minimizing health risk of wastewater for poor farmers in the urban environment Keraita B.</p>
17:30 to 17:40	<p>Proposal for an international colloquium on UPA Nono-Womdim R., Hodder A., Baudoin W.</p>
17:40 to 18:00	<p>Roundtable discussion Panel composed of Aisa Kirabo Kacyira, Israel Gwabiza, Stephen MBithi, Ellen A. Muehlhoff, R. Nono-Womdim, Alison Hodder and Wilfried Baudoin</p>
	<p>Socio-Economics, Food Safety and Market Issues for Poverty Alleviation & Wealth Creation (Room 3) Dr. Hannah Jaenicke, Chair Nancy Muthoka, Rapporteur</p>
16:00 to 16:20	<p>Strengthening the impact of horticulture on social development – a Ghanaian example Kumah P.,</p>
16:20 to 16:35	<p>The Impact of Micro-credit in Production of Tissue-cultured Banana in Arumeru District, Tanzania Nguthi F.N. Karembu, M.G. Mbwana A</p>
16:35 to 16:50	<p>Assuring Quality and Safety in fresh Fruits and Vegetables Theophilus M. Mutui</p>
16:50 to 17:05	<p>Facilitating Farmers' Investment Decisions: Enterprise Budgets for Market Oriented Mango Farming in Kenya Eberhard Krain, Arshfod Ngugi, Ndung'u D. Ndegwa and Njeru J. Muriithi</p>
17:05 to 17:20	<p>The effect of silicon on 'Hass' avocado fruit physiology Kaluwa, K., Bertling, I. and Bower, J.P.</p>
17:20 to 17:35	<p>Effect of ripening on eating quality of Keitt mango chips Appiah F., Kumah P., Idun I., Lawson J.R.</p>
17:35 to 17:50	<p>Discussion</p>
17:50 to 18:30	<p>Posters & Exhibition</p>
17:50 to 18:30	<p>Hortivar free training session</p>
18:30 to 20:00	<p>Cocktail Compliments of Crops for the Future</p>
End of Day 1	

Day 2**Tuesday, September 1, 2009**

08:03-13:45	Plenary Session- Where are we today? (Plenary Hall) Moderators for Discussion, Chairs A. Kanouté, P. Sseruwagi and S. Mapatano Rapporteurs
	Horticulture Development Programs
08:30 to 08:45	Northern Africa
08:45 to 09:00	Southern Africa
09:00 to 09:15	East Africa Competence-based capacity building for sustainable horticulture development in East Africa - André de Jager
09:15 to 09:30	West Africa Camara Tomane
09:30 to 09:45	Central Africa Horticulture Development Program in Central Africa: the case of Cameroon Bella Manga
09:45 to 10:15	Discussion Bibi Giyoshe
10:15 to 10:30	Health Break
	Horticultural Research Programs
10:30 to 10:45	Ghana Patrick Kumah
10:45 to 11:00	Kenya Lusike Wasilwa
11:00 to 11:30	AVRDC- Regional Center for Africa Abdou Tenkouano
11:30 to 11:45	WARDA Papa A. Seck
11:45 to 12:00	Discussion Jacky Ganry
12:00 to 12:15	Health Break
	Horticulture Industry
12:15 to 12:30	Global Cold Chain Alliance William Hudson
12:30 to 12:45	TAHA - East Africa Community Jacqueline Mkindi
12:45 to 13:00	ORFL – West and Central Africa Mamy Keita, Gaston Boué

13:00 to 13:15	Public-Private Partnerships in Kenya's Horticulture with reference to the National Taskforce on Horticulture Joseph Kigamwa
13:15 to 13:54	Discussion S. Mbithi
13:00 to 14:00	Lunch Break
14:00 to 16:00	Parallel Sessions
	Food Security (Room 1) Jacqueline Mkindi, Chair Dr. Sunday Ekesi, Rapporteur
14:15 to 14:30	Influence of Plant Density and Inorganic Fertilizer on the Productivity of Carrot (<i>Daucus Carota</i>) in Highland Region of Rwanda Nsabimana J. de Dieu, Akinyemi S.O.S.
14:30 to 14:45	Clay Pot Pitcher Irrigation: A New Dimension for Homestead Fruit Production under Dryland Environments Woldu Z.
14:45 to 15:00	Important management strategies that reduce fungal diseases and ensure a healthy crop in Passion fruit production systems in Kenya Amata R.L., Otipa M.J., Waiganjo M., Wasilwa L., Kinoti J I., Kyamanyua S., Erbaugh M.
15:00 to 15:15	Application of Next Generation Sequencing to plant pathogen studies Rees J.G.
15:15 to 15:30	Participatory Selection of sweetpotato [<i>Ipomoea batatas</i> (L.) Lam.] Varieties using Mother and Baby trial approach in western Kenya Kwach J.K., Odhiambo G.O., Dida M.M., Gichuki S.T.
15:30 to 15:45	Effect of Fresh and Decomposed Cassava (<i>Manihot utilisima</i> Pohl.) Peels on the Growth of Breadfruit (<i>Artocarpus altilis</i> Fosb.) Seedlings Olomola A., Adams A. B., Abiola I. O., Fakorede C. O.
15:45 to 16:00	Discussion
	Socio-Economic, Food Safety and Market Issues (Room 2) Dr. Romaine Ramanarivo, Chair Johnson Irungu, Rapporteur
14:00 to 14:15	Service provision in smallholder horticulture value chain development Onduru D., van Casteren J.W., de Jager A., Wiersinga R., Nijhoff H.
14:15 to 14:30	A cross - country analysis of cut-flower and foliage exports: the case of Kenya Muthoka, N.M., Omiti, J.M., Ndirangu, L., Waiyaki, N.
14:30 to 14:45	Can Horticultural scientists do things differently in the changing knowledge production terrain? Lessons from Biotechnology Innovation System Kingiri A.
14:45 to 15:00	Cultural Methods for Managing Nematodes on Vegetables and Ornamentals Westerdahl B. B.
15:00 to 15:15	The Physiological Importance of Maintaining the Cold Chain for Avocado Fruit Quality

15:15 to 15:30	Blakey R.J., Tesfay S.Z., Mathaba N., Bower J.P., Bertling I. The export potential of South African edible nuts: The special case of macadamia nuts Sithole N., Viviers W.
15:30 to 15:45	Discussion
Environment & Natural Resources Management (Room 3) Dr. Hannah Jaenicke, Chair Solomon I. Shibairo, Rapporteur	
14:00-14:15	Bioenergy from <i>Jatropha curcas</i> , promises, possibilities and problems in Kenya Munster C., Iiyama M., Jamnadass R.
14:15-14:30	Efficacy of plant promoting rhizobacteria for control of bacterial wilt on tomato Adebayo O.S.
14:30 to 14:45	Morphological Characterization of African eggplant germplasm in some African countries Osei M.K., Oluoch M.O.
14:45 to 15:00	Induction of resistance in plants: A novel strategy to control diseases in African horticulture Monot C., Pajot E., Aveline N., Penguilly D., Le Corre D., Silué D.D.
15:00 to 15:15	A Comparison of Irrigation System Efficiencies, Economics, and Applications Onken B.
15:15 to 15:30	Tomato Breeding in sub-Saharan Africa: Past, Present, and Future Prospects Fufa F., Hanson P., Dagnoko S., Yeboah M., Dhaliwal M.
15:30 to 15:45	Evaluation of vegetable amaranth collections for yield and horticultural traits Dhaliwal M.S., Wanduku N., Kouamé C.
Side Event: AVRDC-RCA Colloquium on Vegetable Seed Industry in Africa (Plenary Hall) Dr. Jackie Hughes, Chair Ronia Tanyongana, Rapporteur	
14:00 to 14:15	Welcome address Abdou Tenkouano
14:15 to 14:30	Brief overview and objectives Jackie Hughes
14 :30 to 14:50	Harnessing the potential of vegetable seed industry in Africa- locally developed varieties vs imported ones Edo Liong Lin
14:50 to 15:10	The Vegetable seed regulatory systems in Africa: What can be done to expedite commercialization of improved varieties? Tasiana Maingu
15:10 to 15:30	The role of Agro-dealers/businesses in vegetable seed commercialization in Africa and critical linkages in sustainable see supply George Onyango Miruka
15:30 to 15:45	Discussion
15:45 to 16:00	Health break

	<p>Side Event: AVRDC-RCA Colloquium on Vegetable Seed Industry in Africa (Plenary Hall) Dr. Jackie Hughes, Moderator Ronia Tanyongana, Rapporteur</p>
16:00-17:30	<p>Round Table with panel from Policy, Research and Technical sectors:</p> <ul style="list-style-type: none"> - Hon. Mr. Romano Kiome Permanent Secretary of Ministry of Agriculture, Kenya - Hon. Mr. Mohammed Said Muya Permanent Secretary of the Ministry of Agriculture, Food Security and Cooperatives, Tanzania <p>And Richard Jones (ICRISAT), Harold Roy Macauley (CORAF-WECARD), Moses Onim (Lagrotech Ltd.), Azaria Soi (Simlaw Seed Ltd.), Guy Blaise Satsa (Tropicasem), Sonia Venter (R&T), Fatunbi Oluwole (FARA), Baldwin Shuma (Tanzania Seed Traders), Obongo Nyachae (Seed Trade Association of Kenya), Joseph De Vries (AGRA)</p>
15:45 to 16:00	Health Break
16:00 to 18:00	Working Group Meetings (working out applied recommendations and work plan for developing horticulture at the continental level)
16:00 to 18:00	<p>Working Group 1: Policy and Training (Government Institutions) (Room 1) Geoffrey Kirenga (Min Agric, Tanzania), Moderator</p>
16:00 to 18:00	<p>Working Group 2: International Research and Development (International Institutions) (Room 2) Ron Voss (UC Davis, USA). Moderator</p>
16:00 to 18:00	<p>Working Group 3: Private Sector (Farmers and Trade Organizations) (Room 3) André De Jager (WUR, The Netherlands), Moderator</p>
18:00 to 18:30	Hortivar free training session
18:00 to 18:30	Exhibition/Posters
18:30 to 20:00	<p>Round Table (Plenary Hall): How to network the diverse and often fragmented community of African horticulturists? Are regional innovation platforms for horticulture a proper answer, and under which conditions? Dr. Juergen Anthofer (GlobalHort, Tanzania), Moderator Panel: NEPAD, IFAP (East Africa), CoP Horti (West Africa), WUR (NL) and Horticulture CRSP (USA)</p>
End of Day 2	

Day 3		Wednesday, September 2, 2009	
08:00 to 18:00	Parallel Field Excursions (Departure from the venue, Safaripark Hotel)		
	Group 1 - Production : Small scale and large scale production in Thika area		
	Group 2 - Post-harvest processing : Frikogen, Wakulima market and Jomo Kenyatta International Airport		
	Group 3 - Integrated Pest and Disease Management : Dudutech, Homegrown and some small scale farmers		
17:00 to 18:30	Hortivar free training session		
19:00 to 22:00	Gala Dinner hosted by the Kenyan Ministry of Agriculture at Safari Park Hotel Presentation of Awards		

Day 4		Thursday, September 3, 2009	
08:30 to 10:00	Plenary Session- Forum on Africa Horticulture (Plenary Hall) Dr. David Sammons, Chair Dr. Joseph Kigamwa, Rapporteur		
08:30 to 09:00	Reports from plenary sessions <ul style="list-style-type: none"> • Rapporteurs' synthesis 		
09:00 to 09:30	Reports from working groups <ul style="list-style-type: none"> • Rapporteurs' synthesis • Round Tables synthesis 		
09:30 to 10:00	Congress resolutions: <ol style="list-style-type: none"> 1. Future congresses (Dates and Venue for the next All Africa Horticulture Congress) 2. African Horticulture Journal 3. African Horticulture Council 4. Co-ordination of Regional Platforms 5. Greater collaboration among international agencies 6. Platforms for public-private partnership on horticulture in Africa 		
10:00 to 10:30	Health Break		
10:30 to 11:00	Conference Communiqué Dr. Rémi Kahane, GlobalHort		
11:00 to 11:30	Closing Ceremony		
11:30 to 12:30	Hortivar free training session		