



The 2nd African Organic Conference

"Mainstreaming organic agriculture in the African development agenda"

May 2-4, 2012, Lusaka, Zambia

Wednesday 2 May

09:00 **Registration opens** (open until 16:00)

14:00 **Opening of exhibition**

Hon. Emmanuel Chenda, Minister of Agriculture and Livestock of Zambia

15:00-15:30 **Press Conference**

Hon. Emmanuel Chenda, Minister of Agriculture and Livestock of Zambia,
Representatives of UNCTAD, OPPAZ, IFOAM, African Union, SAOSO, COMESA

16:00-17:30 **Opening of Conference**

The 2nd African Organic Conference – Ubuntu, Munshimbwe Chitalu,
OPPAZ

The Concept of Organic Climate Smart Agriculture – 'Organic for Africa', André Leu,
IFOAM President

Organic agriculture as a development opportunity, Petko Draganov, Deputy
Secretary-General of United Nations Conference on Trade and Development
(UNCTAD)

Remarks, Ad Spijkers, Country representative, Food and Agriculture Organization of
the United Nations

Statement of the African Union Commission, H.E. Ms Tumusiime Rhoda Peace,
African Union Commission

Official opening by the Minister of Agriculture and Livestock of Zambia, Hon.
Emmanuel Chenda

17.30-18:30 **Cultural event and reception**

Conference website: www.africanorganicconference.com

Organized by OPPAZ and Grow Organic Africa, in cooperation with the Ministry of Agriculture and Livestock and IFOAM, the African Union, FAO, UNCTAD

Supported by COMESA, Oikos, Sida, Hivos, DFID and the SSNC

Technical assistance by: Grolink, ITC, ISO FAR

Sponsored by: Fibl, ICROFS, Agro Eco – Louis Bolk Institute

Partners: UNEP, NOGAMU, KOAN, BOAM, ROAM, TOAM, ISD, Pelum Kenya, SAPNET, Ministry of Food and Agriculture Ghana, NOA, NOAN, NOARA, Biovision Africa Trust, Kenneth Kaunda Children of Africa Foundation, FENAB, Swedish Cooperative Centre Regional Office for Southern Africa (SCC Rosa), Ministry of Commerce Trade and Industry EIF project, ABF, SNV, PELUM RD, ZATAC, University of Zambia School of Agricultural Sciences, ESAANET, Zambia SciTech Research Foundation, IICD

Thursday 3 May

09:00-10:45 **1st plenary session: How does organic agriculture fit in the African development agenda?**

Moderator: Andre Leu, IFOAM

Poverty reduction and food security through organic farming, Moses Muwanga
NOGAMU

Organic agriculture as a strategy for biodiversity and adaptation and mitigation to climate change, Manjo Smith, IFOAM and Namibian Organic Association

Key African trade and development issues, Taffere Tesfachew, UNCTAD

Transforming African agriculture: organics and AGRA, Raymond Auerbach

Linking smallholders to organic value-chains, experiences from Latin America, Asia and Africa, Pilar Santacoloma, FAO

The contribution of organic agriculture to the CAADP pillars, Sam Kanyarukiga, COMESA (tbc)

Discussion

10:45-11:15 Health break and Exhibition

11:15-13:00 **2nd Plenary session: Organic Agriculture Initiatives in Africa and Sector Organisation**

Moderator: Mwatima Juma, Tanzania Organic Agriculture Movement

The Ecological Organic Agriculture Initiative, Zachary M. Makanya, Pelum Kenya

Organizing the organic movement in Africa, Jordan Gama, AfroNet

IFOAM Organic for Africa! Campaign Hervé Bouagnimbeck, IFOAM

African organic product and the EU: status, requirements, opportunities and AU-EU initiatives, Francis Fay, European Commission

The Organic Action Plan for Africa, Yemi Akinbamijo African Union Commission

Discussion

13:00-14:00 Lunch

14:00-15:30 **Parallel sessions 1**

A: [Developing the Organic Action Plan for Africa](#)

Moderator:

Yemi Akinbamijo

Room:

B: [Certification and quality assurance](#)

Moderator:

Patricia Wangong'u

Room:

C: [Experience of organic farming in Zambia](#)

Moderator:

) ~ 50# a 11 a ° 0E ° #####

Room:

15:30-16:00 Health break and Exhibition

16:00-17:30 **Parallel sessions 2**

D: [Organic Development](#)

Moderator:

Julius Shawa

Room:

E: [I: Options for future cooperation on organic standards in Africa](#)

Moderator:

F: [Livestock](#)

Moderator:

Judith Lungu

Room:

Ngugi Mutura
Room:

17:30-18:15 Organic videos, songs etc.

Moderator: Raymond Auerbach, Nelson Mandela University

Herding the Future – Knowing what a grass plant needs, IRDNC, Namibia

UNCTAD video from Zanzibar

EPOPA documentary

Where is the Organic Agriculture (Poem), Mukundane B Albert, Uganda

Main hall

18:30 Departure for Conference Dinner from MICC

19:00-21:00 Official Conference Dinner (for those registered), venue: Carnival

Friday 4 May

08:40-10:40 3rd plenary session

Moderator: Gunnar Rundgren

08:40-09:00 *Learning from the Philippines GMO-Free Zones: Successful Roots in Organic Policy and Law* Lee Aruelo, Third World Network

09:00-10:40 African Organic Policies and Programmes

Organic sector development in Tanzania: progress and challenges on organic policy and programme, Mwatima Juma, Tanzania Organic Agriculture Movement

The development and implementation of organic policy in South Africa, Kgomo Petje, Department of Agriculture, Forestry and Fisheries South Africa

Organic policy development and implementation in Kenya, Monica R. Mueni, Ministry of Agriculture Kenya

Developments in the Ghana organic agriculture sector Emelia Monney, Ms Ministry of Food and Agriculture Ghana

Panel discussion: James Cole (Eloc Farms & IFOAM), Olugbenga Adeoluwa (Nigerian Organic Agriculture Network), Gérard Ndabemeye (Ministry of agriculture, Burundi), & the five speakers

10:40-11:30 Health break and Poster presentation

(see list of poster presentations), Room:

11:30-13:00 Parallel sessions 3

G: Extension case studies

Moderator:

Lise Andreassen

Room:

H: Soil fertility management

Moderator:

Manjo Smith

Room:

I: Organization of and strategies for research in Africa

Moderator:

Charles Ssekyewa Room:

13:00-14:00	Lunch		
14:00-15:30	Parallel sessions 4		
	<i>J: Farming systems and production case studies</i>	<i>K: Pest control</i>	<i>L: Marketing and value chains</i>
	Moderator:	Moderator:	Moderator:
	Daniel Kalala	Stanley Chidaya	Charles Walaga
	Room:	Room:	Room:
15:30-16:00	Health break		
16:00-17:45	4th plenary session		
	Moderator: Sophia Twarog, UNCTAD		
16:00-16:15	<i>Strengthening Trade and Food Security Potentials of Organic Farming in Africa – The Nigeria Experience</i> , Jonathan Babtola, Centre for Organic Agriculture research and Development in Nigeria		
16:15-17:30	Summarising the conference, way ahead & conference declaration		
	<i>Developing organic research (main issues from the parallel session)</i> , Sue Edwards		
	<i>Options for future cooperation on organic standards in Africa (main issues from the parallel session)</i> Eustace Kiarii (Kenya Organic Agriculture Network)		
	<i>Developing the Organic Action Plan for Africa (main issues from the parallel session)</i>		
	<i>Discussions</i>		
	<i>Conference Declaration Working Group</i>		
17.30	Closing & Farewell		
	Kenneth David Kaunda, OPPAZ Patron, First Republican President of Zambia		

Parallel sessions and posters

(see main program for time, room and moderator)

A: Developing the Organic Action Plan for Africa

This session discuss the draft African Union Organic Action Plan for Africa; the steps to take for its completion and the efforts that have to be made on national and continental level to ensure its adoption and subsequent implementation. Main results are reported to the plenary session.

B: Certification and quality assurance

Auerbach, R	Building on success: PGS and the organic value chain in southern Africa	South Africa
Hervé Bouagnimbeck	Preliminary results of the global comparative study on interactions between social processes and participatory guarantee systems	Germany
Charles Walaga	Ugocert's development from start to an EU recognised certification body	Uganda
Leonard Mtama	Organic certification made simple; practical experiences & lessons learned in Tanzania	Tanzania
Theresa Stanton	Organic farmers use ICT to increase yields, break into new markets, and share information	Zambia

Discussion

C: Experience of organic farming in Zambia

Munshimbwe Chitalu	The development of the Zambia organic sector	Zambia
Sebastian Scott	Experiences, challenges and opportunities for organic development in Zambia	Zambia
Willard Colston	Challenges and opportunities for organic agriculture in Zambia: economic and social issues facing agriculture	Zambia
Lyson Mwanza	Organic market production for conservancy in the Luangwa valley	Zambia
Moses Mulenga	Small scale experiences on benefits of organic agriculture	Zambia
Col Mandona (rtd)	Small scale experiences on sound production techniques	Zambia

D: Organic development

Addisu Alemayehu	Study on Identification of Gaps and Intervention Needs of Smallholder Organic Farmers in Ethiopia	Ethiopia
Robson Nyirenda	Factors that have had a reversal effect on the adoption of organic farming –the case of Chongwe District	Zambia
Fortunate Hofisi Nyakanda	Developing the organic agriculture sector in Zimbabwe; A case of Mashonaland East	Zimbabwe

Mwadhini O. Myanza	Organic -farming in the context Of Kilimo Kwanza, Tanzania	Tanzania
Thierry Alban Revert	Organic Production and Agroecology Practices and Indigenous Peoples Rights in South Africa	South Africa
Charles Ssekyewa	Policy coordination consideration of environment and education cross-cutting issues for sustainable agriculture	Uganda

Discussion

E: Options for future cooperation on organic standards in Africa (co-organized by GOMA)

Gunnar Rundgren	The East African Organic Standards, development and submission for approval by the EU.	Grolink / IFOAM OSEA project
Francis Fay	African organic product and the EU: status, requirements	European Union Belgium
Hervé Bouagnimbeck	Development of organic standards in Africa – challenges and opportunities.	IFOAM Germany
Bhekithemba Dlamini	The South African experience in setting organic standards	Department of trade and Industry
Sophia Twarog	Experience and achievements of the Global Organic Market Access (GOMA) on standards harmonization; lessons learned and possible options for Africa.	UNCTAD Switzerland

Discussion

F: Livestock

Wiebke Volkmann	Principles and practices of holistic management and how these can and do support organic production	Namibia
Colin Nott (Presented by Wiebke Volkman)	Community based rangeland and livestock management as a multiple-benefit strategy for improving meat production with low external inputs	Namibia
Judith Isele	Facing the challenges of organic livestock production in Namibia with the help of holistic management	Namibia
Michael Kibue	Organic livestock farming: case of African pastoralists	Kenya
Fasae O.A	Plants used in ethno-veterinary practices in village sheep and goat production in Odeda Local Government Area, Ogun state, Nigeria	Nigeria
Odhong', C.O	Challenges of Conversion to Organic Livestock Production in Smallholder Farms in Kenya	Kenya

Discussion

G: Extension case studies

Anne Bruntse	Experiences of partnering with local based organizations in dissemination of organic agriculture information and environment conservation: Infonet-Biovision and partners	Kenya
Asha Omar Fakihi	Effectiveness of organic fertilizer in increasing production - the experience of farmer field schools in Zanzibar	Tanzania

Daniel Kalala	Sustainable organic agriculture: a farming system to enhance rural food and income security and lessen the vulnerability of resource constrained farmers to climate change effects: a case study of Chongwe District, Kazungula, Sesheke, Shangombo and Mongu.	Zambia
Helen van Zyl	An innovative training method for farmers and gardeners as initiated by the Biodynamic Agricultural Association of Southern Africa	South Africa
Thaddeo Tibasiima	Organic farming and social capital building in small holder farmer communities in the Rwenzori Region	Uganda

Discussion

H: Soil fertility management

Olowoake A A	Influence of differently composted organic residues on the yield of maize and its residual effects on the fertility of an Alfisol In Ibadan, Nigeria.	Nigeria
Kolawole G. O.	Does soil types affect phosphorus release pattern of <i>Tithonia diversifolia</i> compost and poultry manure?	Nigeria
Lawal,O. I	Growth and yield response of sweet potato (<i>Ipomea batatas l.</i>) to organic-based fertilizer in Abeokuta South Western Nigeria	Nigeria
Saidia Paul Sabas	Evaluation of effective microorganisms technology on maize (<i>Zea mays l.</i>) Growth, development and yield In Morogoro Tanzania	Tanzania
T.I. Olabiyi	Effect of organic manure, bio-fertilizer and yeast on the growth and yield of soybean grown on nematode infested soil.	Nigeria

Discussion

I: Organization of and strategies for research in Africa (co-organised by EOA/ICROFS/ISOFA/NOARA)

P.O. Olanrewaju	Enhancing research strategies to promote ecological organic agriculture in agricultural institutions in Nigeria: a consideration for capacity building in Africa	Nigeria
Charles Ssekyewa Jordan Gama	Issues emerging from research meeting 2 May Main results are reported to the plenary session.	

J: Farming systems and production case studies

E.C. Odion	Innovative practices to enhance organic agriculture production among low technology farmers	Nigeria
------------	---	---------

F. M.Bagarama	Adaptation to dry season livestock fodder scarcity through <i>Canavalia brasiliensis</i> integration in the cereal systems in the Miombo woodland ecosystem in Tanzania	Tanzania
Andry Randrianarivelo	A general overview of SRI-rice, system, climate impact and integration in development strategies	Madagascar
Mr Jules Randrianarivelo	Practical application of organic agriculture, the production of pink rice by the Amparafaravola cooperative, Madagascar	Madagascar
Charles Zulu	The case of Mr Charles Zulu-an integrated organic Farm	Zambia
Sebastian Scott	Old Orchard Organic Farm	Zambia

Discussion

K: Pest Control

Aderolu, I.A	Comparative evaluation of modified neem leaf, wood ash and neem leaf extracts for <i>Hymenia recurvalis</i> control on <i>Amaranthus Spp.</i> in Ibadan Southwest Nigeria	Nigeria
D. O. Okeyo	Intercropping with <i>Crotalaria brevidens benth.</i> Reduces bacterial wilt disease incidences in tomato crop.	Kenya
Donald Zulu	On-farm evaluation of botanical products as stored grain protectant against maize pests	Zambia
Moses Odeke	Effect of organic pesticide sprays on cotton pests and yields in Northern Uganda	Uganda
Olabiya, T. I.	Effect of neem compost on root knot nematode (<i>Meloidogyne incognita</i>) pest of <i>Celosia argentea</i>	Nigeria
Olajumoke O. Fayinminnu	Solving pest problems in organic agriculture: crude cassava water extract a possible herbicide	Nigeria

L: Marketing and Value chains

Evelyn, A. Lazaro	Opportunities for Organic Market Development in Tanzania	Tanzania
Pilar Santacoloma	Marketing strategies and financing mechanisms along organic supply chains? Are they different from conventional?	Italy
Samuel Ndungu	Stimulating Domestic Organic Market Development Through Organic Farmers Markets: Kenyan Experience	Kenya
Laurent C. Glin	Conventionalization of the organic sesame network from Burkina-Faso: private standard or state failure?	The Netherlands

Discussion

Posters

21	Tenebe and Petu	BIO-INTENSITY AND AGRONOMIC INTERVENTION FOR AN EN-HANCED CROP PRODUCTIVITY AND MITIGATION FOR VICES CLIMATE CHANGE	Climate Change
50	Regassa Feyissa	DIVERSITY: A NORM FOR AFRICA'S ORGANIC AGRICULTURE AND INDISPENSIBLE MEANS FOR CLIMATE CHANGE ADAPTATION AND MITIGATION	Climate Change
31	Andry RANDRIANARIVELO	SYSTEM OF RICE INTENSIFICATION (SRI), AND CLIMATE CHANGE:EXPERIENCE FROM MADAGASCAR	Climate Change
96	¹ Ndukhu, O. H, ¹ Onwonga, R.N. ¹ Wahome, R.G. ² Jensen, H.H.	CLIMATE CHANGE AND VARIABILITY: EXPERIENCE, COPING AND ADAPTATION STRATEGIES AMONG SMALLHOLDER ORGANIC FARMERS OF CENTRAL KENYA	Climate Change
129	Winifred Fitzgerald / Rames Abhukara	SUPPORTING SUSTAINABLE INNOVATIONS FOR ENHANCED FOOD SECURITY: THE BETTER U FOUNDATION'S SRI INITIATIVE IN MADAGASCAR"	Extension
8	¹ F M. Bagarama*, ² H J. Mongi and ³ A.E.Majule	ORGANIC FARMING AND FARMERS' ADAPTIVE AGRICULTURAL INNOVATIONS IN RESOURCE DEPLETED BANANA-COFFEE FARMING SYSTEM IN WESTERN TANZANIA	Farming systems
84	Daniel Kalala, Benson H. Chishala, Felix Haazele, Bernard Moonga, Shirley Ng'andu, Kalaluka Munyinda, Bridget O'Connor, Elias Kuntashula, Chewie Nkonde	PERMACULTURE: A LAND USE DESIGN TO ENSURE AGRICULTURE SUSTAINABILITY AND FOOD AND INCOME SECURITY	Farming systems
86	Donald Zulu	INTEGRATING AGROFORESTRY INTO ORGANIC FARMING	Farming systems
116	¹ Quintar Genga ² Richard Onwonga ³ Henning Jensen	CHALLENGES FACED BY SMALLHOLDER ORGANIC FARMERS OF THE CENTRAL AND RIFT VALLEY PROVINCE OF KENYA	Farming systems
125	Sebastian Scott	GROWING ORGANIC MAIZE IN ZAMBIA	Farming systems
136	Stella Namanji, Charles Ssekyewa	COMPREHENSIVE UNDERSTANDING AS BASIS FOR SUSTAINABLE DEVELOPMENT OF ORGANIC AGRO-ECOSYSTEMS	Farming systems
41	Anne Jacklynne Wanjiku Kungu	THE ORGANIC MANAGEMENT OF RABBITS: AN OPPORTUNITY FOR REVERSING FOOD INSECURITY FOR THE URBAN AND PERI-URBAN POOR. THE KENYAN CASE	Livestock

64	Martha Kembo	RABBIT REARING: AN OPORTUNITY TO REVERSE FOOD INSECURITY FOR THE ZAMBIAN PERI-URBAN POOR AND RURAL COMMUNITIES	Livestock
132	Afusat T. Jagun-Jubril ¹ , Olayinka A. Oridupa ²	ORGANIC FARMING, ANIMAL HEALTH: POSSIBLE CORRELATION	Livestock
53	Isabel Vertriest	HOW FAIR TRADE STRENGTHEN ORGANIC FARMING AND VICE VERSA, ESPECIALLY IN AFRICA	Marketing & Value Chains
99	Mr. Josphat Njenga, Prof. Edward G. Karuri, Dr. Jonathan Nzuma, Dr. John Wangoh and Prof. Raphael Wahome	NETWORK ORGANIZATION OF ORGANIC VALUE CHAINS IN KENYA'S TOURISM INDUSTRY	Marketing & Value Chains
106	Lise Andreasen and Niels Halberg	PRODUCTIVITY AND GROWTH IN ORGANIC VALUE CHAINS (PROGROV) – RESEARCH IN UGANDA, KENYA AND TANZANIA	Marketing & Value Chains
113	Nkiru Theresa MELUDU ¹ , A.A ADEOLUWA ² and T.J ABOLADE ³	ATTITUDES AND WILLINGNESS OF CONSUMERS TO PAY FOR ORGANIC AGRICULTURAL PRODUCTS: IMPLICATION FOR ESTABLISHING NICHE MARKET IN NIGERIA	Marketing & Value Chains
117	Riaan van Zyl	<i>PROMOTING THE DEVELOPMENT OF AN ORGANIC SHORT SUPPLY CHAIN – HOW IT WORKS</i>	<i>Marketing & Value Chains</i>
22	Sadia Daak	LEGISLATIONS TO PROMOTE AND REGULATE ORGANIC AGRICULTURAL PRODUCTION IN SUDAN	Organic Development
79	Batoul Mohammad Abdo	OVERVIEW OF ORGANIC PRODUCTION IN SUDAN	Organic Development
107	Manjo Smith	DEVELOPMENT OF THE NAMIBIAN ORGANIC SECTOR AND NAMIBIAN ORGANIC ASSOCIATION (NOA) PGS	Organic Development
108	<i>Mette Vaarst</i>	EXPLORING THE CONCEPTS OF FOOD SOVEREIGNTY AND SOCIAL CAPITAL IN RELATION TO THE ORGANIC PRINCIPLES, PRACTICES AND POLICIES	Organic Development
51	Gitahi Theuri	CAN ORGANIC FOOD REDUCE CHILD MORTALITY(MDG 4) IN SSA?	Other
72	E. A. Aiyelari, S.O. Oshunsanya and O. Aliku	COMPARATIVE PERFORMANCE OF OKRA (ABELMOSCHUS ESCULENTUS) UNDER SUBSISTENCE ORGANIC FARMING USING DRIP AND WATERING CAN METHODS OF IRRIGATION	Other
15	¹ Aderolu, I.A; ² Omoloye, A.A; ¹ Olubamiwa, O; ¹ Okelana, F.A; Oyedokun, A.V; ¹ Asogwa, E.U; ¹ Mokwunye, I.U.	EFFECT OF PLANT STRUCTURE ON COLONIZATION AND DAMAGE BY ACRAEA TERPSICHORE (LEPIDOPTERA: NYMPHALIDAE) ON CORCHORUS OLITORIUS	Pest control

17	¹ Aderolu, I.A; ² Omoloye	LIFE CYCLE OF HYMENIA RECURVALIS (F.) [LEPIDOPTERA: PYRALIDAE] ON SUSCEPTIBLE AMARANTHUS SPECIES IN IBADAN SOUTH-WEST NIGERIA	Pest control
46	Bosco Okello	FIGHTING VARROA DESTRUCTOR IN THE AFRICAN HONEYBEES USING ORGANIC CONTROL METHODS	Pest control
111	^{*1} SAMBO, B. E. and ² P. C. OKUTU	NEEM TREE EXTRACT: AN ORGANIC ON-FARM SOLUTION FOR THE CONTROL OF INSECT PESTS FOR SUSTAINABLE CROP PRODUCTIVITY	Pest control
47	Joshua Amwai Machinga	WOMEN COOPERATIVE CENTER	Programmes and Projects
130	Antonio Compagnoni	SAMCERT, AN INNOVATIVE IFAD PROGRAMME IMPLEMENTED BY ICEA: SUPPORTING SMALLHOLDERS ACCESS TO MARKETS FOR CERTIFIED SUSTAINABLE PRODUCTS FROM WESTERN AND CENTRAL AFRICA	Programmes and Projects
2	Ayoade A.R	EFFECTIVENESS OF SOIL FERTILITY MANAGEMENT PRACTICES AMONG MAIZE FARMERS IN ORIIRE LOCAL GOVERNMENT AREA OF OYO STATE.	Soil Fertility
9	[*] Olaniyi Joel Oyekunle and Audu Kehinde Temitope	GROWTH, YIELD AND NUTRIENT COMPOSITIONS OF GINGER (ZINGIBER OFFICINALE ROSCOE) AS AFFECTED BY ORGANIC FERTILIZERS APPLICATION IN OGBOMOSO, SOUTH WEST NIGERIA.	Soil Fertility
12	Lawal O. I., Atayese, M. O., Oyekanmi A.A, Sakariyawo O.S, Aderibigbe S.G, Adeyemi O.R.	AGRONOMIC EFFICIENCY OF MAIZE (ZEA MAYS L) AS INFLUENCED BY COMPOST RATES IN THE RAINFOREST-SAVANNAH TRANSITIONAL ZONE OF SOUTHWEST NIGERIA	Soil Fertility
18	Ademola, Ajayi and Grace, Ajayi	EFFECTS OF DIFFERENT LEVELS OF ORGANO-MINERAL FERTILIZER ON BOOT STAGE DRY MATTER YIELD AND QUALITY OF PEARL MILLET (PENNISETUM GLAUCUM (L) R. BR.)	Soil Fertility
39	Moses B. Adewole ⁺ and Abiola O. Ilesanmi	INFLUENCE OF SEWAGE SLUDGE, MYCORRHIZA AND DIFFERENT FERTILIZER APPLICATIONS ON THE GROWTH AND YIELD OF OKRA (ABELMOSCHUS ESCULENTUS [L.] MOENCH)	Soil Fertility

45	.Bello, W. B. and 2. Adejuyigbe, C.O.	EFFECT OF COMPOST AND FARM YARD MANURES ON GROWTH AND YIELD OF MAIZE	Soil Fertility
52	Victor Olowe* and Simeon Fakolade	ENHANCED PRODUCTIVITY OF TWO SOYBEAN (GLYCINE MAX (L.) MERRILL) VARIETIES THROUGH APPLICATION OF SPENT POULTRY MANURE	Soil Fertility
59	Atayese M.O*, Lawal O. I., Oyekanmi A.A, Sakariyawo O.S, Aderibigbe S.G, Adeyemi O.R.	GROWTH, YIELD AND PHYSIOLOGICAL EFFICIENCY OF MAIZE (ZEA MAYS L.) AS INFLUENCED BY COMPOST RATES IN AN ORGANIC BASED CROPPING SYSTEM	Soil Fertility
62	*Ajayi, E.O ¹ ; Akinfasoye, J.A ¹ ; Ogunleti, D.O. ² and Monkio, T.N ²	GROWTH AND YIELD OF TWO VARIETIES OF JEWS MALLOW (CORCHORUS OLITORUS L.) UNDER DIFFERENT RATES OF ORGANIC FERTILIZER	Soil Fertility
71	*Ogunwande I.O	ASSESSMENT OF TECHNICAL EFFICIENCY DIFFERENTIALS AMONG ORGANIC AND IN-ORGANIC FERTILIZER USER SMALL SCALE ARABLE FARMERS IN OYO STATE. A STOCHASTIC FRONTIER APPROACH.	Soil Fertility
89	O. E. AyanfeOluwa, ¹ V.O. Aduramigba-Modupe, ² and O. O. AdeOluwa ³	RIGHT TIMING FOR COMPOST APPLICATION: OBD-PLUS COMPOST EXPERIENCE IN RAISING MAIZE (ZEA MAYS)	Soil Fertility
101	Andrew Joseph, Kalema	IMPROVING SOIL HEALTH AND FERTILITY IN AFRICA USING FOREST/MOUNTAIN MICROORGANISMS TECHNOLOGY	Soil Fertility
100	Mr. Josphat Njenga, Prof. Edward G. Karuri, Dr. Jonathan Nzuma, Dr. John Wangoh and Prof. Raphael Wahome	EVALUATION OF THE TRACEABILITY SYSTEMS IN THE ORGANIC VALUE- CHAINS IN KENYA	Standards and Certification
1	1Olowe, V.I.O, 2Bello, O. R. and Aina, T2	GRAIN YIELD AND YIELD ATTRIBUTES OF FOURTEEN SESAME (SESAMUM INDICUM L.) VARIETIES CULTIVATED UNDER ORGANIC SYSTEM	Varieties
115	<i>James M. Teri, Godsteven P. Maro, Deusdedit L. Kilambo, Jeremiah M. Magesa and Damian Mtenga</i>	THE POTENTIAL FOR ORGANIC COFFEE PRODUCTION IN TANZANIA	Varieties
93	Gideon O Adeoye	AN AGGRESSIVE INVADING WEED POSES CHALLENGE TO ORGANIC AGRICULTURE IN NJGERIA.	weed control