

December 2013



CURRICULUM VITAE

FULL NAME: John Huria Nderitu
NATIONALITY: Kenyan
PROFESSION: Agricultural Entomologist/IPM/crop Protection /Organic Agriculture
CURRENT POSITION: Deputy Vice-Chancellor, Linkages and Resource Mobilization, Mount Kenya University, Associate Professor, University of Nairobi
CURRENT ADDRESS: P. O. Box 00515-1282, Buru Buru, Nairobi, Kenya; Mobile Tel.: +245-020-0722308581; E-mail: [huria@uonbi.ac.ke/](mailto:huria@uonbi.ac.ke)
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EMPLOYERS' NAME AND ADDRESS:

1. Teacher (1973-1975)- Gikondi secondary School, Nyeri.
2. Ministry of Agriculture (Scientific Research
3. Division) (1978-1989) - Agricultural Research officer
4. Kenya Agricultural Research Institute (KARI) (1989-1992), NAL P.O. Box 14733, Nairobi-Senior Research Officer (1990-1992).
5. University of Nairobi (June 1992- October 2004)-Senior Lecturer; October 2004-current)- Associate Professor
6. University of Nairobi- Dean Faculty of Agriculture (2006-12th March 2010)
7. Mount Kenya University (2010-March 2011) Deputy Vice-Chancellor, Academic Affairs, Mount Kenya University, Thika
8. Mount Kenya University (2010- Present) Deputy Vice-Chancellor, Research and Development Mount Kenya University, Thika, Kenya

PREVIOUS AND CURRENT DUTIES AND RESPONSIBILITIES:

1. Research in Agricultural entomology while employed at MOA\KARI (1978-1992).
2. Advisory services to farmers on crop pests control methods while employed at MOA\KARI (1978-1992).
3. Attend technical research meetings at CIBC while employed at MOA\KARI (1978-1992).
4. Training farmers and agricultural extension staff in Training and Visits Programme of Ministry of Agriculture(TV) while employed by MOA\KARI (1984-1988).
5. Close collaboration with the following institutions in matters of research: CIP, CIAT, ICIPE and Extension staff of the ministry of Agriculture while employed by MOA\KARI (1978-1992).
6. Lecture short courses organized by CIP, CIAT and HCDA while employed by MOA\KARI (1978-1992).
7. Edit Annual report of Entomology section, National Agricultural Laboratories while employed by MOA\KARI (1987-1991).
8. Plant inspection service (1978-1984) while employed by MOA\KARI
9. Member of Technical Research Committee at National Agricultural Research Laboratories, KARI (1986-1992).
10. Participate in various agricultural society of Kenya Shows while employed by MOA\KARI (1983-1992).
11. Deputy to the Chief Entomologist, KARI (1986-1990).
12. Deputy National Crop Protection Coordinator (1990-1992)
13. Beanfly survey/monitoring tour in Ethiopia. 29th July-7th August, 1990. Ethiopia.
14. Senior Lecturer, Agricultural Entomology, University of Nairobi, Crop Science Department(1992-October 2004)
15. Visiting Research Scientist (Bean Entomology), CIAT, Colombia. 24th April-25th May, 1993.
16. Regional Research Fellow, African Highland Initiative (1995-1998)
17. IPM Scientist, ABLH (NGO) 1998-2000
18. Chairman, UASU (2003-2005)
19. Associate Professor in crop protection (October 2004-Present)
20. Dean, Faculty of Agriculture (March 2006-present)
21. Development and implementation of five curriculum (Ph D in Dryland Resource Management, Msc in Agricultural information and communication management(AICM); Diploma in AICM, Certificate in AICM (2006-2008)
22. Deputy Vice-Chancellor, Academic Affairs, Mount Kenya University, Thika, Kenya (2010-2011)
22. Deputy Vice-Chancellor, Research and Development, Mount Kenya University, Thika, Kenya (2011-June 2014)
23. Deputy Vice-Chancellor, Linkages and Resource Mobilization, Mount Kenya University(June 2014-Present)

EDUCATION :

1. O level EACE,1970- 1st Division, 21 points, Kiangoma Secondary School, Nyeri.

2. A level, Nakuru High school; 2 principals (1974).
3. BEd (Science)- 1978, Upper Second class Honors - Zoology, Botany, Education, University of Nairobi
4. M.Sc Agricultural Entomology, 1984-University of Nairobi. Thesis tittle: Aphid infestation on eight selected potato varieties (*Solanum tuberosum* L.) and their control with insecticides in Kenya. 106 pp.
5. Training under African Regional Postgraduate Programme in Insect Science (ARPPIS) at ICIPE(1984-1987)
6. Ph.D 1990 - Agricultural entomology- University of Dar es salaam. Thesis tittle: Responses of common bean (*Phaseolus vulgaris* L.) cultivars to beanflies (Diptera: Agromyzidae). 193pp.

PROFESSIONAL QUALIFICATIONS:

1. International Plant Protection course held in the Netherlands from July 20th to October 30th, 1981.
2. International Group Training course on components essential for Ecologically sound pest management systems held at ICIPE from July 18 to August 6, 1982.
3. Tropical pest management course, University of London, Imperial College, 8 May to 26 July 1991.
4. Biometrics course. Ministry Of Agriculture (Scientific Research Division), 12th-26th November, 1978.
5. Introduction to Micros and Lotus 1,2,3 held at KARI Muguga, 1990. Price Waterhouse, Nairobi.
6. Presentation skills held at KARI Muguga in November, 1990. Price Waterhouse, Nairobi.
7. Effective management held at KARI Muguga, 1990. Price Waterhouse, Nairobi.
8. Bean Stem Resistance Screening Methods Course held at Bunjumbura, Burundi, 1-8 November 1991.
9. Workshop on Program formulation and priority setting at Program level held at KARI Muguga, Nairobi, 1991. KARI/ISNAR.
10. Group training course in stratigraphics. KARI/ODA course, 13th-17th April, 1992, Nairobi.
11. Database production course. CABI/KARI course. 12th-16th July, 1993, Nairobi.
12. Basic principles of planning integrated plant protection measures. Feldafing, Germany. 13th May-9th June 1994.
13. Characterization and Diagnostic training Workshop. Kakamega. 19-20th March 1997, Kakamega
14. Member of Centre Research Advisory Committee (CRAC), National Agricultural Research Laboratories, Nairobi (1996-1998)
15. Participatory monitoring and evaluation course. Held from 9th to 18th December 1998 in Nairobi, Kenya ASSOCIATION BETTER LAND HUSBANDRY
16. Safe use of pesticides. GIFAP Safe Use Project, May 2002, Nairobi
17. FAO Training on international standards for phytosanitary measures and contemporary pytosanitary practices, Dar-es-salaam Tanzania, 24th February to 9th March 2002

18. Review KARI research proposals (CRAC) (1996-2005), Nairobi
19. Review full Research proposals the 2005 KAPP research call, Nakuru, 10-12 May 2006
20. Review conference papers for 10th Biennial Scientific conference, October 2006, KARI Headquarters
21. Review Research Proposals for 2006 KAPP Research Call, Nakuru, December 2006
22. Review of Horticultural Research Fund 2006/2007 Research Proposal. Nairobi
23. Chairman, Kenya Organic standards committee, Kenya Bureau of Standard. 2005-2007, Nairobi
24. Member of Communication Task Force. Ministry of Agriculture, Nairobi, Kenya
25. Advisory Board Member, East African Agricultural and Forestry Journal, 2007-present
26. Programmes for capacity building training; Transformative leadership and result based management (RBM) University of Nairobi, 25th -26th October 2007
27. Workshop on scientific proposal writing from 19th - 25th November, 2006 Nairobi, Kenya
28. Workshop on Strengthening Capacity in Agricultural Research and Development in Africa (SCARDA), Entebbe, Uganda, 4 - 7th June 2007
29. Training workshop on Public Procurement, Nairobi, Kenya, 28th May 2007
30. Senior management leadership orientation warming on Rapid Results Approach, Nairobi, Kenya, 3rd May 2007
31. ISO 9001 training workshop, Nairobi, 7th February 2007
33. The workshop on the training of Chief Internal examiners Nairobi, 13th - 14th July 2006
34. Stakeholders workshop on Agricultural education and training in Kenya Nairobi, 30th November - 1st December 2006
35. Training on safety and health, University of Nairobi, 20-23rd March 2007. Training in pedagogy. February 2008. University of Nairobi.
36. content Development and the use of e-learning tools. The ICT Training Centre, UON, September 8th- 12th September 2008
37. Training on application of public procurement rules and regulations and challenges. University of Nairobi, 19th August 2008
38. Training on pedagogy, University of Nairobi, 4-6th February 2008
39. Performance Contracting Training workshop, 20-30th April 2009, Chiromo Campus, Nairobi
40. Second Curriculum Development Workshop, Centre of Pytosanitary Excellence, 6th to 10th July 2009, Merica Hotel, Nakuru, Kenya
41. Pytosanitary retooling Workshop on 14th-15th September 2009, Nakuru, Kenya
42. Ph D supervision Training Workshop, Faculty of Agriculture, University of Nairobi, 2nd-4th March 2010
43. Below ground biodiversity workshop, Nairobi, 15th -16th March 2010
44. Scientific Writing Workshop, Kigali, Rwanda, 26-30th July

2010

45. Data analysis using R software , Nairobi, Kenya, 25-29th November 2010
46. KAPAP Full Proposal Training Workshop, KAPAP, EAST College, Embu, 13-19th February 2011
47. KAPAP CGS research proposal review and approval workshop, KAPAP, EAST College, Embu, 3-8TH April 2011
48. Advocacy Competence Training, Business Advocacy Fund, Nairobi, 16th and 17th October 2012
49. Research Ethics Training Workshop, 16th-18th January 2013
50. Workshop on establishment of Enterprise and Innovation Development Centre and programme Workshop, 4th-5th February 2013
51. Training Workshop on Professionalism and ethics research, April 29-May 3rd, 2013, SADEP, Thika
52. Training Workshop on Compliance to Biosafety and Regulations, MKU, 9th May 2013, SADEP, Thika
53. Knowledge integration workshop, Mcgrill/KARI, June 17-18, 2013, Rainbow Ruiru Resort
54. Training on Project Performance Monitoring plan (PMP), baseline survey, data collection & analysis held at Chak Guest House & Conference Centre - Nairobi, Kenya from 18th to 22nd March, 2013
55. Advancement academy leadership programme workshop, Nairobi, 16-18th April 2014

SCIENTIFIC AFFILIATIONS:

1. Member of African Association of Insect Scientists(AAIS) 1978-present.
2. Member of ICIPE Alumni (2004-current)
- 3 Vice- Chairman, Entomological Society of Kenya (ESK) (1992-1995).
4. Member of the African Crop Science Association (1995-present)
5. ICIPE Fellowship(June-October 2000)
6. Member of Steering committee, ESK(2000-2004)
7. Chairman, Kenya organic standards, 2005-2006
8. Member University of Nairobi Alumni (2004-present)
9. Member of African Crop Science Society
11. Member of Agricultural Communication Task Force, Ministry of Agriculture, 2006-2008
12. Board Member, East Africa Forestry and Agricultural Journal, 2007-present
13. Member of Kenya Organic Network (KOAN) (2008-present)
14. Technical advisory Committee, Kenya National Federation of Agricultural producers (KENFAP) (2011-Current)
15. Member of Africa Potato Association (2013-present)
16. Chairman, National Potato Council of Kenya(NPCK)

RESEARCH PROJECTS:

1. Assessment of beanfly incidence, damage and losses in subsistence farmers' fields in five districts of Kenya. Research grant provided by CIAT(1990-1992)- 3000US\$
2. Survey and control of sweet potato insect pests with special emphasis on potato weevil, *Cylas* spp. Collaborative research of KARI and CIP. 1990/1994
3. Integrated management of major pests of French beans (*Phaseolus vulgaris* L.) in Kenya. Research grant provided by CIAT and Deans Research Committee (University of Nairobi). 1993/1995- 3000US\$+KShs 100,000
4. Integrated management of major pests of French beans (*Phaseolus Vulgaris* L.) in Kenya research grant provided by Beans Committee, University of Nairobi, Ksh 100,000 1995/1996)
5. Pest and disease management at Kibwezi Irrigation Project, Makueni District. Research Grant provided by Deans Research Committee, J. W. Kimenju and J. H. Nderitu. University of Nairobi. 1994/1995 Ksh 200,000
6. Soil fertility management to reduce bean root rots and bean stem maggot. Funded by African Highland Initiative 1995/1997- 48,000 US\$
7. Were, H. K. Survey for Potato leafroll Virus (PLRV) evaluation of some potato clones for resistance to the virus and comparison methods(Deans Grant, Were, H; Narla, R; Nderitu, J. H University of Nairobi, 1994/1995 240,000 Ksh)
8. Ogecha, J. and Nderitu, J. H. Effect of soil fertility amelioration and host plant resistance on damage by beanflies in common beans (Grant of Us \$ 30,000 provided by Rockefeller Foundation, 200-2003)
9. IPM strategies in intensifying agriculture for subsistence farmers in Central and Western Kenya (July 1998-May 2000(Funded by ABLH NGO)
10. Development of an integrated pest management (IPM) system for thrips on snapbean (*Phaseolus vulgaris* L.). Funded Rockefeller FORUM for the year October 2000-2002- 62,210US\$
11. Management of aphids and virus diseases under farmer-based potato production systems in Kenya(F. Olubayo and J. H. Nderitu). Funded by Rockefeller FORUM, 2001- 73,000US\$
12. Development and implementation of management strategies for sweet potato weevil, *Cylas* species in Easter Kenya.(G. Nyamasyo and J. H. Nderitu) Funded by Rockefeller FORUM-70,073US\$
13. Improving regional competitiveness of snap beans for domestic and international export markets. Regional proposal (4 countries-Uganda, Rwanda, Tanzania, Ethiopia, Madagascar) Funded by ASARECA October 2005-2010, US 419,000 Euros.
14. Kilome Division UNDP/GEF/SG[land degradation cluster project, UNDP through KID, 2006 Ksh 299,101,953 (Dr Nyamasyo, G. H. and Nderitu, J, H)

15. Development of an integrated management of potato aphids and aphid transmitted viruses for seed potato production. Funded by Commission of Higher Education, 2007(Ksh 2,650,000 Year) (Dr Muthomi, Dr F. Olubayo and Prof J. H. Nderitu). 2008
16. Development of cultural strategies for management of *Thrips tabaci* Lind, *Alternaria porri* Ellis and *Peronospora destructor* Berk. M University of Nairobi Deans Grant Ksh Ksh 250,000 (Dr Narla; Dr F. Olubayo; Prof J. Nderitu). 2008
17. Development of an integrated management of potato aphids and aphid transmitted viruses for seed production in Kenya. UON Deans Grant Ksh 250,000 (Dr J. Muthomi; Dr F. Olubayo; Prof J. H. Nderitu) 2008
18. Using improved pulse crop productivity to re-invigorate small holder mixed farming systems in Western Kenya. Funded by CRISP/Cornell University, 2008 (Dr J. Muthomi; Prof J. H. Nderitu)
19. Processing and value addition of sunflower in Kenya. Funded by KAPP 2008 (Us 100,000 for 3 years). KARI/UOON/KIRDI KAPP Project 2008 (Prof J. Imungi; Prof M. Okoth; Prof J. Nderitu)
20. Centre for Phytosanitary excellence in East Africa: Curriculum development and design of individual courses CABI/KELPHIS/UNIVERSITY OF NAIROBI. Us 65,000 (2008). Prof. A. Mwangombe; Dr F. Olubayo, Prof J. H. Nderitu; Dr J. Muthomi)
21. Conquering hunger in Kenya: Developing drought tolerant maize for semi-arid and arid agro-ecological zones UON/CYMMIT/KARI. (Ngugi Kahiu, Cheminingwa, G; Nderitu, J. H.). CHE grant of Ksh 2,991.50 for one year
22. Development and implementation of Ph D in Dryland Resource Management. Faculty curriculum RURFORUM Grant of Us \$ 700,000 for 3 years (2008-211)
23. Distribution of potato Tuber moth (*Phthorimea opercullela* Zeller) and development of integrated pest management strategies for its management (Dr Olubayo, F.; Dora Kilalo; Chirchir, G.; Nderitu, J. H.; Kabira, J. N. 2009. NCST Funding : Ksh 1,000,000 per year)
24. Development of an Integrated Management of Larger Grain Borer (*Prostephanus truncatus* Horn) in Eastern Kenya, Kenya. 2010, Deans Grants funding , University of Nairobi: Ksh 250,000 per year
25. Enhancing competitiveness of canning Navy beans for domestic, regional and international markets (Cheming'wa, G. N.; Nderitu, J. H. (2009). NCST Funding Ksh 1,925,000 per year

26. Understanding the institutional framework for sustainable food security in Kenya: An international partnership initiative. Mcgrill University/KARI/University of Nairobi project, 2010 Us 75,000 per year
27. Enhancing productivity of dry beans in the face of climate variability through drought resilient varieties 2010 RUFORUM Grant Of Us 60,000 (Cheminingwa, G. and Nderitu, J, H.)
28. On-farm evaluation and promotion of low-cost seed potato storage technologies in major potato growing counties of Kenya. 2010 NCST Funding Ksh 5,000,000 for 3 years(Kabira, J. N.and Nderitu, J. H.)
29. Enhancing the impact of legume-based soil management options in the improvement of the productivity of Western Kenya smallholder systems(2011)Mcknight Foundation Grant of Us\$432,000 for 4 years (KARI/UON/CORNELL University)
30. Enhancing Production, Value Addition and Marketing of Indigenous Vegetables (cowpea, spider plant, nightshades, amaranth, pumpkin), French Beans and Mushrooms among Smallholder Farmers in Kenya.(2011) KAPAP funding Ksh 24,000,000 for three years (collaborators: Prof J. H. Nderitu(lead scientist), Prof D. K. Isutsa; Dr M. Hutchinson; Dr G. N. Mwai; Dr E. Kioko; Mr F. Musieba)
31. Promotion of snap bean integrated crop management technologies for improved livelihoods in Eastern and Central Africa (PI- Dr George Cheminingwa, University of Nairobi; Michael Ugen, NACRRI, Uganda; SARI, Tanzania; John H. Nderitu, Mount Kenya University)December 2013-October 2013, Us\$130,000 per year
32. Enhancing Production, Value Addition and Marketing of Indigenous Vegetables (cowpea, spider plant, nightshades, amaranth, pumpkin), French Beans and Mushrooms among Smallholder Farmers in Kenya.(2011) KAPAP funding Ksh 24,000,000 for three years (collaborators: Prof J. H. Nderitu(lead scientist), Prof D. K. Isutsa; Dr M. Hutchinson; Dr Andika; Dr E. Kioko; Mr F. Musieba, Wanyeki), March 2014-December 2015, Ksh 19,000

PUBLICATIONS:

A). PUBLICATIONS IN SCIENTIFIC JOURNALS:

1. Nderitu, J. H. and J. M. Mueke (1986). Field evaluation

- of foliar and soil insecticides for the control of *Aphis gossypii* Glover (Homoptera: Aphididae) on potatoes in Kenya. *Insect Sci. Applic.* 7(5): 667-675.
2. Nderitu, J. H. and J. M. Mueke (1986). Aphid infestation on eight potato cultivars (*Solanum tuberosum* L.) in Kenya. *Insect Sci. Applic.* 7(5): 677-682.
 3. Nderitu, J. H. and J. M. Mueke (1989) Susceptibility of eight potato cultivars to *Myzus persicae* Sulzer in the greenhouse. *Insect Sci. Applic.* 10(2): 229-234.
 4. Nderitu, J. H. (1991). Insects associated with a potato crop in Kenya. *Tropical Pest Management* 37(1):6-8.
 5. Nderitu, J. H., H. Y. Kayumbo and J. M. Mueke (1990). Beanfly infestation on common beans (*Phaseolus vulgaris* L.) in Kenya. *Insect Sci. Applic.* 11(1): 35-41.
 6. Nderitu, J. H., H. Y. Kayumbo and J. M. Mueke (1990). Effect of date of sowing on beanfly infestation of the bean crop. *Insect Sci. Applic.* 11: 97-101.
 7. Nderitu, J. H., H. Y. Kayumbo and J. M. Mueke (1991). Evaluation of common beans cultivars for resistance to beanflies in single plantings at different seasons. *Insect Sci. Applic.* 12(4): 463-491.
 8. Nderitu, J. H. (1993). Evaluation of bean cultivars at different stages of growth for resistance to beanflies. *E. Afr. Agric. For. J.* 58(3): 133-134
 9. Macharia, C. M. and J. H. Nderitu (1997). The effect of maize stem borers infestation on yield of maize. *E. Afr. Agri. For. J. Volume 4 No. 4.*
 10. Nderitu, J. H.; Waturu, C. N. and Ampofo, J. K. O. (1996). Efficacy of the current insecticidal control of major pests of French beans in Central Kenya. *Afri. J. Pl. Prot.* 6: 42-49
 11. Were, H. K.; Narla, R. D.; Nderitu, J. H. and Kidanemariam, H. M. (1996). Evaluation of some promising potato clones for tolerance to Potato Leafroll Virus (PLRV) and for resistance to its vectors *Myzus persicae* sulzer and *Macrosiphum euphorbiae* Thomas. *Afr. J. Pl. Prot.* 6: 57-6612.
 12. Minja, E. M.; Shanower, T. G.; Ongaro, J. M.; Nderitu, J. H.; Songa, J. M (1999). Natural enemies associated with arthropod pests of pigeon pea in Easter Africa. *International Chickpea and Pigeon pea* 6: 47-50
 13. Were, H. K.; Narla, R. D.; Nderitu, J. H. and Weidemann, H. L (2003). The status of potato leafroll virus in Kenya. *Journal of Plant Pathology.* 85 (3): 153-156
 14. Nderitu, J. H; Kasina J.M. and Nyamasyo, G.N; Waturu, C.N. and Aura, J. (2008). Management of thrips (Thysanoptera; Thripidae) in Kenya; Economics of Insecticide applications. *J. Entomol,* 5(3); 148 - 155.
 15. Nderitu, J.H.; Wambua, E.M.; Olubayo F.; Kasina, J.M.; Waturu, C.N. (2007). Evaluation of French bean

- (*Phaseolus vulgaris* L.) cultivars and breeding lines for resistance to thrips (Thysanoptera; thripidae) Pests in Kenya J. Entomol, 4(3)202 - 209
16. Nderitu, J. H; Wambua, E.M.; Olubayo, F.; Kasina, J.M. and Waturu, C.N. (2007). Management of thrips (Thysanoptera; Thripidae) infestation on French beans (*Phaseolus vulgaris* L.) in Kenya by combination of Insecticides and varietal resistance. J. Entomol. 4 (6): 469-473
17. Muthomi, J.W.; Otieno P.E.; Chemining'wa G.N.; Nderitu, J.H. and Wagacha, J.M. (2007). Effect of legume root rot pathogens and Fungicide seed treatment on nodulation and biomass accumulation. J. Boil. Sci. 7(7) : 1163 - 1170
18. Kasina, Nderitu, J.H.; G. Nyamasyo, G.; Olubayo, F.; Waturu, C.; Obudho E. and Yobera, D. (2006). Evaluation of companion crops for thrips (Thysanoptera: Thripidae) management on French bean, *Phaseolus Vulgaris* L. (Fabaceae). International Journal of Tropical Insect Science 26 (2); 121-125
- 19 Kasina, J.H.; Nderitu, J.; Nyamasyo, G.; Olubayo, F.; waturu, C.; budho, E.E. and Yobera, D. (2006). Diurnal population of *Megalurothrips sjostedti* and *Frankliniella occidentalis* (Thysanoptera: Thripidae) and their natural enemies on French bean (*Phaseolus vulgaris* (Fabaceae)). International Journal of Tropical Insect Science 26 (1); 2-7.
33. J. Nderitu; M. Kasina and F. Malenge (2008). Evaluating system for management of aphids (Hemiptera: Aphididae) infesting okra (malvaceae) in Kenya. J. Entomol. 5(4): 262-269
34. J. Nderitu; J. M. Kasina; J. W. Kimenju and F. Malenge- (2008). Evaluating of synthetic and Neem-based insecticides for managing aphids on okra (Malvaceae) in Kenya. J. Entomol. 5(3): 207-212.
35. J. Nderitu; M. Kasina; G. Nyamasyo and M.L. Oronje (2007). Effects of insecticides applications on sunflower (*Helianthus annuus* L.) pollination in East Kenya. World J. Agric. Sci. 3(6): 731-734
36. J. Nderitu; G. Nyamasyo; M. Kasina and M. L. Oronje (2008): Diversity of sunflower and their effect on seed yield in Makueni District, Eastern Kenya. Span. J. Agric. Res. 6(2); 271-278
37. F. Olubayo; A. Kibaru; J. Nderitu; R. Njeru; S. Shibairo and M. Kasina (2008). Management of aphids and aphid-transmitted viruses in stored potatoes in Kenya. Int. Sustain. Crop Prod. 3(5): 40-45
38. J. W. Muthomi; P. E. Otieno; G. N. Chemingw'a; J. H. Nderitu and J. M. Wagacha. (2008). Effect of chemical spray on insect pests and yield quality of food grain legumes. J. Entomol. 5(3): 156-163
39. J. W. Kimenju; A. M. Kagundu; J. H. Nderitu; F. Mambala; G. K. Mutua and G. M. Kariuki (2008). Incorporation

- of green manure plants into bean cropping systems contribute to root-rot nematode suppression. *Asian J. Plant Sci.* 7(4): 404-4008
40. S. Ondiaka; N. K. Maniania; G. H. N. Nyamasyo and J. H. Nderitu (2008). Virulence of the entomopathogenic fungi *Beauveria bassiana* and *Metarhizium anisopliae* to sweet potato weevil *Cylas puncticollis* and effects on fecundity and egg viability. *Ann. Appl. Bio.* 153 (1): 41-48
41. Mwaniki, S. W.; Nderitu, J. H.; Olubayo, F.; Kimenju, J. W.; Nguyen, Khuong (2008). Factors influencing the occurrence of entomopathogenic nematodes in the Central Rift Valley region of Kenya. *Africa Journal of Ecology* 46(1): 79-84
42. Nderitu, J. H., Martha Sila, Nyamasyo, G. and Kasina, M. (2009). Insects associated with sweet potatoes (*Ipomea batata* (L) Lamk) in Eastern Kenya. *Int. J. Sustain. Crop Prot.* 4(1):14-18
43. Karaya, H., Njoroge, K., Mugo, S., and J. H. Nderitu (2009). Combining ability among twenty insect resistant maize inbred lines resistant to *Chilo partellus* and *Busseola fusca* stem borers. *International Journal of Plant Production* 3(1):
44. Nderitu, J., Sila, M., Nyamasyo, G. and Kasina, M. (2009). Effectiveness of entomopathogenic nematodes against Sweet potato weevil (*Cylas puncticollis* Boheman (Coleoptera: Apionidae) under semi-arid conditions in Kenya. *Journal of Entomology* 9(): 326-332
45. Otieno, P. E., Muthomi, J. W., Cheminingwa, G. N and Nderitu, J. H. (2009). Effect of Rhizobia inoculation, farm yard manure and nitrogen fertilizers on nodulation and yield of food grain legumes. *Journal of Biological sciences* 9(4): 326-2009
46. Muthomi, J. W., Nyaga, J. N., Olubayo, F. M., Nderitu, J. H., Kabira, J. N., Kiretai, S. M., Aura, J. A. and Wakahiu, M. (2009). Incidence of aphid transmitted viruses in Farmer based seed production in Kenya. *Asian Journal of Plant sciences* 8(2): 166-171
47. Nderitu, J. H., Sila, M., Nyamasyo, G. and Kasina, M. (2009). Effectiveness of entomopathogenic nematodes against sweet potato weevil (*Cylas puncticollis* Boheman (Coleoptera: Apionidae). *Journal of Entomology*, 6(3): 145-154
48. Kasina, M.; Nderitu, H. H.; Nyamasyo, G.; Waturu, C.; Olubayo, F.; Obudho, E. and Yobera, D. (2009). With-plant distribution and seasonal population dynamics of flowerthrips (Thysanoptera: Thripidae) infesting French beans (*Phaseolus vulgaris* L.) in Kenya. *Spanish Journal of Agricultural Research* &(3):652-659
49. Muindi, E. M.; Muthomi, J. W.; Nderitu, J. W.; Olubayo, F. M.; Kabira, J. H.; Cheming'wa, G. W.; Kiretai, S. M.; and Aura, J. A. (2009). Use of cereal border crops in management of aphid-transmitted diseases during seed potato (*Solanum tuberosum*) production. *African Journal of Horticultural Science* 2:70-78

50. Olubayo, F.; Nderitu, J. H.; Kibaru, A.; Njeru, R.; Yobera, D.; Kasina, M. (2009). Utilization of border crops to manage aphid colonization and PVY incidence on potato (*Solanum tuberosum* L. Int. J. Sustain Crop Prod.4(5): 19-23
51. Nderitu, J. H.; Mwangi, F.; Nyamasyo, G. and Kasina, M. (2009). Evaluation of cropping systems as a strategy for managing snapbean flower thrips in Kenya. Int. J. Sustain. Crop prod. 4(6):22-25
47. Nderitu, J. H.; Mwangi, F.; Nyamasyo, G. and Kasina, M. (2009). Evaluation of cropping systems as a strategy for managing snapbean flower thrips in Kenya. Int. J. Crop Prod.4(6): 22-25
52. Mwaniki, S. W., Nderitu, J. H.; Olubayo, F. and Kimenju, J. W. (2009). Entomopathogenic nematodes as a tool for the management of sweet potato weevil (*Cylas puncticollis* Boheman in Kenya. EA. Afr. Agric. For. J. 25(2):89-95
48. Tende, M. M.; Mugo, N. S.; Nderitu, J. Olubayo, F. M.; Songa, J. M. and Bargvinsone, D. (2010). Evaluation of *Chilo partellus* and *Busseola fusca* susceptibility to endotoxin in Bt maize. Crop Protection 29(2):115-120
49. Hasheela, E. B. S.; Nderitu, J. H.; Olubayo, F. and Kasina, J. H. (2010) Evaluation of border crops against infestation and damage of cabbage by Diamond backmoth (*Plutella xylostella*). Tunisia Journal of Plant Protection 5: 99-105
50. Hashela, E. B. S.; Nderitu, J. H.; Olubayo, F. M. and Kasina, M. (2010). Evaluation of cabbage varietal resistance to Diamond backmoth (*Plutella xylostella*). Tunisia Journal of Plant Protection. 5: 91-98
51. Nderitu, J. H.; Mwangi, F.; Nyamasyo, G. and Kasina, M. (2010). Utilization of synthetic and botanical insecticides to manage thrips (thysanoptera: thrips) on snapbeans (Fabaceae) in Kenya. Int. J. Sust. Crop Prod. 5(1): 1-4
52. Kasina, M.; Hagen, M.; Kraemer, M.; Nderitu, J. H.; Martius C.; Wittman (2009). Bee pollination enhances crop yield and fruit quality in Kakamega, Western Kenya. E. Afr. Agric. F. J. (2009). E. Afr. Agric. For. J. 75(1): 1-11
52. Narla, R.; Gachu, S.; Muthomi, J. W.; Olubayo, F. and Nderitu, J, H (2011).Effect of intercropping bulb onion and vegetables on purple blotch and downy mildew. Journal of Biological Sciences 11(1): 52-57
53. Swidif mugerwa, Moses Nyangito, John Nderitu, Chris Bkuneta, Denis Mpaire and Emmanuel Zziwa (2011). Farmers ethno-ecological knowledge of the termite problem in semi-arid Nakasongola. African Journal of Agricultural Research 6(13): 3183-3191
54. Swidif Mugerwa, Moses Nyangito, Denis Mpairwe, Chris Bakuneeta, John Nderitu and Emmanuel Zziwa (2011). Termite assemblage structure on grazing lands in semi-arid Nakasongola. Agriculture and Biology Journal of North America 2(5):848-859.

55. Swidif Mugerwa, Moses Nyangito, Denis Mpairwe, Chris Bakuneeta, John Nderitu and Emmanuel Zziwa (2011). Effect of biotic and abiotic factors on composition and foraging intensity of subterranean termites. *Africa Journal of Science and Technology*. 5 (8): 579-588
56. Gachu. S. M., Muthomi, J. W., Narla, R. D., Nderitu, J. H., Olobayo, F. M., Wagacha, J. M. (2012). Management of thrips (*Thrips tabaci*) in bulb onion by use of vegetable intercrops. *International Journal of Agri. science* 2(5): 393-402 2012
57. H. Karaya, K. Njoroge, S. Mugo, E. S. Ariga, F. Kanapiu, J. H. Nderitu (2012). Determination of levels of *Striga* germination stimulants for maize gene bank accessions and elite inbred lines. *International Journal of Plant Production* 6(2): 1735-68142012
58. Shem K. Khakame, Paddy Likhoya, Florence Olubayo and John H. Nderitu (2012). *Journal of Stored Products and Postharvest Research*, 3(10): 145-151201
59. Muthomi, J. W., Kinyungu, T. N., Nderitu, J. H., and Olubayo, F. M. (2012). Incidence of aphid-transmitted viruses in farmer-based seed potato tubers in Kenya. *Afr. J. Hort. Sci.* 5: 18-25
60. Haron Karaya; Njoroge Kiarie; Stephen Mugo; Fred Kanapiu; Emmanuel Ariga; John Nderitu (2012). Identification of new maize inbred lines with resistance to *Striga hermonthica* (Del.) Benth. Volume 1, Number 2, Page 131-134
61. David Mwangi, Muo Kasina, John Nderitu, Melanie Hagen, Mary Gikungu, and Manfred Kraemer (2012). Diversity and abundance of native bees foraging on hedgerow plants in the Kakamega farmlands, western Kenya. *Journal of Apicultural Research* 51(4): 298-305 (2012)
62. Kamanu J.K., Chemining'wa G.N., Nderitu J.H. and Ambuko, J. (2012) Growth, yield and quality response of snap bean (*Phaseolus vulgaris* L.) plants to different inorganic fertilizers applications in central Kenya. *Journal of Applied Biosciences* 55: 3944-3952
63. V. M. Kega, Kasina, M., Olubayo, F. and Nderitu J. H. (2013). Management of *Maliarpha separata* Rag Using Effective Entomopathogenic Nematodes and Resistant Rice Cultivars. *Journal of Entomology*, 10: 103-109
64. Simon O.L. Mwombe, Fred I. Mugivane, Ivan S. Adolwa, John H. Nderitu. (2013) Evaluation of Information and Communication Technology (2013). Utilization by Small Holder Banana Farmers in Gatanga District, Kenya. *Journal of Agricultural Education and Extension*. 1-15.
65. Daniel O. Odhiambo, John Mburu, Chris Ackello-Ogutu (2013) Competitiveness of smallholder snap bean production in Kirinyaga County, Kenya. *International Review Of Business and Social Sciences*, 2(1):49-65
66. Estambale, T. N., Nderitu, J. H., Kiarie Njoroge, Kasina, J. M. (2013). Factors that influence enrolment in

- agriculture and related sciences in public universities in Kenya. *Journal of Education* 2(1): 3-15
67. Kega, V. M., Nderitu, J. H., Olubayo, F. O. and Kasina, M. (2013). Evaluation of rice genotypes for susceptibility to African White Rice Stem Borer, *Maliarpha separata* Rogonot. *International Journal of Agri-business, innovation and rural development* 1(1): 35-45
 68. Ochilo, W., Nyamasyo, G. & Nderitu, J. (2013). Impact of Soil Fertility Management Practices on a Major Insect Pest and Yield of Beans (*Phaseolus vulgaris* L.) in Taita District, Kenya. *African Journal of Food, Nutrition and Development*, 13(5): 8340-83 .
 69. Jane Muthoni, J. N. Kabira, D. Kipkoech, G. O. Abong & J. H. Nderitu. (2014). Feasibility of Low-Cost Seed Potato Storage in Kenya: The Case of Diffused Light Storage in Nyandarua County. *Journal of Agricultural Sciences* volume 6(1): 59-65.
 70. Jane Muthoni, Kabira, D. Kipkoech, G. O. Abong & J. H. Nderitu (2014). Yield Performance of Potato Seed Tubers After Storage in a Diffuse Light Store (DLS). *Journal of Agricultural Sciences*. Volume 6(1):21-28
 71. Muthomi, JW;; Nderitu JH;; Olubayo FM;; Kabira JN;; Chemining'wa GN;; Kiretai SM;; Aura JA;; Muindi EM. 2013. *Management Of Potato Viruses In Seed Potato Production Using Border Crops*.
 72. Bernard Ouma, James Muthomi, John Nderitu, Faith Toroitich (2014). Management of Thrips in French Bean by Integrating Biological and Synthetic Pesticides in Conventional Spray Regimes. *Journal of Renewable Agriculture*, 2(2):27-37

B. CONFERENCE REFREED PAPERS

- 1 Nderitu, J. H. (1991). Prevention and management of exotic insect pests on plants in Kenya. African Association of Insect Scientists (AAIS) 23-27th September, 1991, Accra, Ghana (ISBN 92-9091-029-1) .
2. Nekesa, P.; Nderitu, J. N. and Otysula, R. M. (1998). Bean research in Western Kenya: Lessons and experiences. 2nd biennial Crop Protection Conference, September 16-17, 1998, NARL, Nairobi (ISBN 9966-9604-3-0)
3. Otysula, R. M.; Nderitu, J. M. and Buruchara, R. A. (1998). Interaction between bean Stem Maggot and Bean Root Rot and soil fertility. 2nd Biennial Crop Protection Conference, September 16-17, 1998, NARL, Nairobi (ISBN 9966-9604-3-0)
4. Otysula, R. M. and Nderitu, J, H. (1998). Determination Of the effects of nutrient sources on enhancement of crop tolerance to bean root rot and bean stem maggot

- in Western Kenya. KARI Scientific Conference, Nairobi, November 1998 (ISBN-9966-879-25-0)
5. Kasina, J.; Waturu, C.; Nderitu, J.; Nyamasyo, G. and Olubayo, F. (2002). (Companion cropping as an Integrated Pest Management (IPM) component for management of thrips in French beans (*Phaseolus vulgaris* L.), KARI Scientific Conference,
 8. Olubayo, F. M.; Nderitu, J. H.; Machangi, J. M.; Odhiambo, B. O.; Njeru, R. W.; El-Bedewy, R. and Aura, J. A. (2002). Development of an Integrated aphid and virus disease management strategies for the farmer-based seed potato production system in Kenya. IPM Conference for Sub-Sahara Africa, 8-12 September, 2002, Kampala, Uganda
 8. Kasina, J.; Nyamasyo, G.; Waturu, C.; Olubayo, F.; Obudho, E. and Yobera, D. (2002). Companion cropping as management component of flower thrips (Thysanoptera: Thripidae) in French Beans (*Phaseolus vulgaris* L.). Proc. Of the Second Horticultural Conference on Sustainable Horticultural Production in the Tropics. August 6-9th 2002, Nairobi, Kenya
[http://www.gartenbau.uni.hannover.de/gem/sve\[ot.htm](http://www.gartenbau.uni.hannover.de/gem/sve[ot.htm)
 9. Mabeya, J. M.; Nderitu, J. H. and Wambua, E. W. (2002). Pesticide use and implications in horticultural export crops in Kenya. Proc. Of the Second horticultural Conference on Sustainable horticultural production in the tropics. August 6-9th 2002, Nairobi, Kenya.
 10. Mabeya, J.; Knapp, M.; Nderitu, J. H. and Olubayo, F. (2003). Field and laboratory investigations on spiromesifen and other acaricides in the control of red spider mites in tomatoes. 6th Biennial Conference of African Crop Science Society, Nairobi. 12-17th October 2003.
[http://www.gartenbau.uni.hannover.de/gem/sve\[ot.htm](http://www.gartenbau.uni.hannover.de/gem/sve[ot.htm)
 12. Machangi, J. M.; Olubayo, F. M.; Nderitu, J. H.; Njeru, R. W. and El-Bedewy, R. (2003). Effect of aphids and virus diseases on yield of seed potatoes in Kenya. 6th Biennial Conference of African Crop Science Conference. 12-17th October 2003, Nairobi, Kenya
 13. Kibaru, A.; Olubayo, F. M.; Nderitu, J. H.; Njeru, R. W. and Yobera, D. (2003). Performance of synthetic insecticides, neem (*Azadirachta indica*) extract and mineral oils in management of aphids and viruses in seed potato in Kenya. 6th Biennial Conference in African Crop Science. 12-17th October 2003, Nairobi, Kenya.
 14. Kedera, C. J.; W. Songa, B. Kuria; Ntoyai, R. S.; S. Sithanatham, S. Lux; J. H. Nderitu; G. Kibata; and C. Muholo (2003). Importance and scope of preventative pest management for quarantine compliance of Kenyan export horticulture produce at European destinations. Third conference on

Sustainable Horticultural production in the tropics. 26-29th November 2003, Maseno University, Kenya

[http://www.gartenbau.uni.hannover.de/gem/sve\[ot.htm](http://www.gartenbau.uni.hannover.de/gem/sve[ot.htm)

15. Olubayo, F. M. ; Nderitu, J. H. ; Machangi, J.M; Odhiambo, B. O.; Njeru, R. W.; El-Bedewy, R. and Aura, J. A. (2002). Incidence of pests and diseases in farmer-based seed potato production system in Kenya. In : Integrated pest management Proceedings pp: 208-212. Editors: J. S. Tenya, M. P. Nampala, S. Kyamanywa and M. Osiru
16. Kasina, J.; Nderitu, J; Nyamasyo, G.; Olobayo, F.; Waturu, C.; Obudo, E. and Yobera, D. (2003). Evalaution of companion crops for thrips (Tysabiotera: Thripidae)L.). 6th Biennial Conference in African Crop Science.12-17th October 2003, Nairobi, Kenya.
17. Nderitu, J. H.; Olubayo, F; Waturu, C. N.; Aura, J. and Kasina. J(2001) Current French Bean pests and disease management at Mwea-Tebere, Central Kenya. Workshop on Sustainable Horticultural Production in the Tropics held on 2-6 October 2001, JKUAT, Nairobi, Kenya
[http://www.gartenbau.uni.hannover.de/gem/sve\[ot.htm](http://www.gartenbau.uni.hannover.de/gem/sve[ot.htm)
18. Kisuthi, G. G.; Knapp, M.; Shibario, J. K.; Nderitu, J. H.; Kiarie, N (2004). Effects if four biopesticides on the spider mite *Tetranychus evansi* Baker and Pritchard in the laboratory. 5th Symposium of the European Association of Acarologists (EURAAC), Berlin, Germany, 26th-30th July 2004
19. Munyua, L. M., F. M. Olubayo, J. H. Nderitu, S. Shibairo, Obudo, E. (2005). Comparative resistance /tolerance of commercial potato cultivars in Kenya to major aphid pests. Africa crop Science Conference Proc. Kampala 5-9 December 2005
20. Tende, R. M., J. H. Nderitu, Mugo, S., J. M. Songa, F. O. Olubayo and D. Bergvinson (2005). Screening for development of resistance by the spotted stem borer (*Chilo partellus*) to Bt maize. African Crop Science Conference Proc. Kampala, 5-9 December 2005
21. Nderitu, J. H.; Namachanja, C. and Kamau, G. (2005). Universities and Trade unionisms . In " Re-invigorating the university madate in a globalising environment: challenges, obstacles and way forward" conference, 26th -27th May 2005 pp106-120
22. Wangechi, S.W.; Chemining'wa, G.N.; Nderitu, J.H. and Gachene, C.K.K (2007) Response of snapbean to inorganic N-fertilizer and farm and Manure in Mwea 7th workshop on sustainable horticultural production in tropics, University of Nairobi, Kenya 28th November- 1st December 2007.
23. Muthomi, J.W, Nyaga, J.N., Olubayo, F.M.; Nderitu, J.H.; Kabira, J., Kiretai, S and Aura, J. (2007) incidence of aphid and aphid- Transmitted viruses in farmer-

- based potato production. 7th workshop On sustainable horticultural production in the tropics, University of Nairobi, Kenya 28th November- 1st December 2007.
24. Muthomi, J. Mulinde, E.; Nderitu J.H.; Olubayo, F.; Kabira, J.; Kireta: S and Aura, (2007). Management of aphid and aphid - transmitted viruses by use of border crops, mineral oil and bifenthrin in seed potato production. 7th workshop on sustainable horticultural production in the tropics. University of Nairobi Kenya 28th November - 1st December 2007.
 25. Kasina, J.M. and Nderitu, J.H. (2007) Bees in horticultural crop production; Revisiting the sale of pollination in crop productivity. 7th workshop Sustainable horticultural production in the tropics, University of Nairobi, Kenya 28th November - 1st December 2007
 26. Nyaga, J.N.; Muthomi J.W.; Olubayo, F.M.; Nderitu, J.H.; Kiretai, S.M. and Aura, J.A. (2007) Seed potato production and occurrence of Transmitted viruses in Nyandarua District. 7th Workshop on sustainable horticultural production in the tropics. University of Nairobi, Kenya. 28th - 1st December 2007.
 27. Mulinde, E; Muthomi, J. W.; Olubayo, F. M. Nderitu, J. H.; Kabira, (2008). Management of potato viruses in seed potato production using border crops. 11th KARI Biennial Scientific conference and 3rd Agricultural Forum, 10-14th November 2008, KARI, Nairobi,
 28. Nyaga, J. N.; Nderitu J.H.; Olubayo, F.; Kabira (2008). Incidence of aphids and aphid-transmitted viruses in farmer-based seed potato production 11th KARI Biennial Scientific conference and 3rd Agricultural Forum, 10-14th November 2008, KARI, Nairobi,
 29. Nderitu, J. H. (2009). Curriculum development and approval process (2009). Food safety workshop, 20th -21st July 2009
 30. Kasina, J. M. and Nderitu, J. H. (2010). Policy implementation and impact in Kenya agricultural sector: a case of potato marketing regulations. In " World Food System- A contribution from Europe", 14th - 16th September 2010, Tropentag, Zurich, Switzerland
 31. Machangi, J. M.; Gitonga, L. M.; Nderitu, J. H.; Maniani, N. K. and Kabira, J. N. (2010). Biological control agents of aphids (Homoptera: Aphididae) on potatoes (*Solanum tuberosum* L.). 11th ISTRC-AB Symposium, Kinshasa, DRC, 4th-8th October 2010
 32. Nderitu, J. H. (2010). Mainstreaming and institutionalization of value chain approach. Round Table Discussion on Agricultural Value Chain. 12th KARI Biennial Scientific Conference, 8th -12th November 2010, Nairobi, Kenya
 33. Kasina, J. M. and Nderitu, J. H. (2010). Policy implementation and its economic impact on potato marketing value chain in Kenya. 12th KARI Biennial Scientific Conference, 8th -12th November 2010,

- Nairobi, Kenya
34. Mwaniki, S. W.; Nderitu, J. H.; Olubayo, F.; Kimenju, J. W. (2010). Effects of soil texture on virulence and survival of *Steinernema karii* and *Heterorhabditis indica*. 12th KARI Biennial Scientific Conference, 8th - 12th November 2010, Nairobi, Kenya
 35. Mwaniki, S. W.; Nderitu, J. H.; Olubayo, F.; Kimenju, J. W. (2010). Mass production of entomopathogenic nematodes using silkworm (*Bombyx mori* L.) for management of key agricultural pests. 12th KARI Biennial Scientific Conference, 8th -12th November 2010, Nairobi, Kenya
 36. Kasina, M.; Hagen, M.; Kraemer, M.; Nderitu, J. H.; Martius C.; Wittman (2010). Some aspects of squash (*Cucurbita pepo* L.) pollination ecology in Kenya. 12th KARI Biennial Scientific Conference, 8th -12th November 2010, Nairobi, Kenya
 37. Muthomi, J. W.; Kinungu, T. N.; Nderitu, J. H.; Olubayo, F. M. and Kabira, J. N. (2010). Effect of maize border crop placement distance on aphids and aphid-transmitted virus diseases in potato. 12th KARI Biennial Scientific Conference, 8th -12th November 2010, Nairobi, Kenya
 38. Karaya, H.; Mugo, S.; Njoroge, K.; Ariga, E.; Nderitu, J. H. and Kanampiu (2010). Screening gene bank maize accessions for *Straiga hermontica* resistance. 12th KARI Biennial Scientific Conference, 8th -12th November 2010, Nairobi, Kenya
 39. Mishek, D.; Nderitu, J. H.; Kasina, J. M.; Cheminigwa, G. N. and Olubayo, F. (2011). Evaluation of neonicotinoid seed dressing of beanfly (*Ophiomyia* spp.) in snapbeans in Mwea, Central, Kenya. NCST 4th National conference for dissemination of research results and exhibition of innovations held at KICC, Nairobi, 3-4th May 2011
 40. Kega, V. M. J. H. Nderitu; F. O. Olubayo and M. Kasina (2011). Spatial and temporal fluctuation of *Malliarpha separatella* Rogonot, Lepidoptera: pyralidae at Mwea Irrigation scheme. Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th 2011
 41. Khakame, S. K.; P. Likhayo; F. M. Olubayo and J. H. Nderitu (2011). The effect of grain moisture content on the efficacy and persistence of local inert dusts against *Sitophilus zeamais* in stored maize. Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th 2011
 42. Muthomi, J. W.; Muinde, E. M.; Nderitu, J. H.; Olubayo, F. M.; Kabira, F. M. (2011). Integrated management of aphid-transmitted viruses in potato (*Solanum tuberosum* L.). Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th 2011
 43. Muthomi, J. W.; Gachu, S. M.; Narla, R. D.; Nderitu, J. H. (2011). Management of thrips in bulb onions using vegetable intercrops. Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th 2011
 44. Ogutu, P. O.; Chemingwa, G. N.; Nderitu, J. H. and Kinama, J. M. (2011). Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th 2011

45. Olubayo, F.; Were, S.; Nderitu, J. H.; Kilalo, D. and Koech, A. (2011). Distribution of potato tuber moth (*Phthorimea opercullela* (Zeller) and damage caused by potato tubers (*Solanum tuberosum* L.) in farmers stores Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th 2011
46. Chemingwa, G. N.; Kitonyo, O. M.; Nderitu, J. H. (2011). Status, constraints and marketing opportunities for canning Navy beans in Kenya. Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th2011
47. Aufa Munysa; Kabutbei, J. L.; Chemingwa, G. N.; Kimani, P. M.; Mburu, M. W. and Nderitu, J. H. (2011). Agro 2011 Biennialconference, UON, Nairobi, 20th-28th2011
48. Kamanu, J. K.; Chemingwa, G. N. ; Nderitu, J. H.; Ambuko, J. (2011). Effect of varying inorganic nitrogen fertilizer regimes on growth, yield and quality of snapbeans. Agro 2011 Biennial conference, UON, Nairobi, 20th-28th2011
49. Muo Kasina; Melanie, Hagen; J. H. Nderitu; Manfred Kraemer, Christopher Martius and Dieter Wittman (2011). Agro 2011 Biennial conference, UON, Nairobi, 20th-28th2011
50. Koech, A.; Olubayo, F.; Nderitu, J. H.; Were, S.; Kilalo, D. (2011). Effects of different harvest periods on population dynamics of potato tuber moth (*Phthorimaea opercullela* (Zeller.)). Agro 2011 Biennial conference, UON, Nairobi, 20th-28th2011
51. Koech, A.; Olubayo, f.; Nderitu, J. H.; Were, S.; Kilalo, D. (2011). Efficacy of locally available materials and bio-control agents in the management of potato tuber moth (*Phthorimaea opercullela* (Zeller)). Agro 2011 Biennial conference, UON, Nairobi, 20th-28th2011
52. Mishek, D. K.; Nderitu, J. H.; Kasina, J. M.; Cheminingwa, G.; Olubayo, F. (2011). Evaluation of resistance of snapbeans to beanfly. Agro 2011 Biennial conference, UON, Nairobi, 20th-28th2011
53. Rotich, D.; Nderitu, J. H.; Cheminingwa, G. N.; Kasina, J. M.; and Olubayo, F. (2011). Agro 2011 Biennial conference, UON, Nairobi, 20th-28th2011
54. Were, S.; Olubayo, F.; Nderitu, J. H.; Kilalo, D.; Koech, A. (2011). Resistance of potato varieties to potato tuber moth (*phthorimaea opercullela* (Zeller).). Agro 2011 Biennial conference, UON, Nairobi, 20th- 28th2011
55. Nderitu, J. H. and Muo Kasina (2011). Proceeding of the National public debate on GMO, Mount Kenya University, Nairobi, 10th August 2011
56. Nderitu, J. h.; Muo Kasina and Njoki Muchirah (2011). Proceeding of the first consultative Forum on commercialization of patented herbal medicinal products in Kenya, Hotel Bolevard, Nairobi, 26th October 2011
57. Nderitu, J. H¹.; Estambale².; Kiarie Njoroge²; Kasina J.

M. Factors that influence enrolment in agriculture and related sciences in public universities in Kenya, 4th

academic conference, Nakuru, 17-18th June 2012

58. Estambale, T. N., Nderitu, J. H., Kiarie Njoroge and Kasina, J. M. (2012). Exploring opportunities of information and Technologies (ICTs) in higher education enrolment in Kenya. 1st annual academic conference and agricultural field day, Kitale, 26th -28th September 2012
59. Nderitu¹, J.H.; Cheminingwa D., Kamani P.M., Kasina M, Ndengwa A. and Muchui M. (2012). Gaps and strategies/opportunities for increased production and marketing of Snap beans in Kenya.
- ASARECA End of Project Workshop, February 2012
60. Kwach J. K., Onyango M. A., Muthomi J. W., and Nderitu J. H (2012). Baseline survey for status of Banana Xanthomonas Wilt in Kenya. 13th KARI Biennial Scientific Conference, 22nd to 26th October 2012
61. Ogecha J., Nderitu J. H., Ariga S. E. and Olubayo F. (2012) Effect of soil fertility amendments with nitrogen, phosphorus and farmyard manure on crop nutrient contents, bean stem maggot infestation and yield of common beans (*Phaseolus vulgaris* (L.) in western Kenya. 13th KARI Biennial Scientific Conference, 22nd to 26th October 2012
62. Kega V. M., Nderitu J. H., Olubayo F. and Kasina M. (2012) Assessment of yield loss due to *Maliarpha separattella* Ragonot (Lepidoptera:pyralidae) on rice at Mwea Irrigation Scheme, Kenya. 13th KARI Biennial Scientific Conference, 22nd to 26th October 2012
63. Kipkoech D. N., Ng'anga N. W., Kabira J. N., Abong' G. O. and Nderitu J. H. (2012) On-farm seed potato storage practices in Kenya: A case study of Nyandarua. 13th KARI Biennial Scientific conference, 22nd to 26th October 2012
64. Kega, V.M., J.H.Nderitu, F.Olubayo and M. Kasina (2013). A Logit analysis of farmer' knowledge of African white rice stem borer, *Maliarpha separattella* Rag at Mwea irrigation scheme, Kirinyaga County, Central Province, Kenya. National council for science and Technology conference held at Nairobi, Kenya 26-28 May 2013
65. Kega, V.M., J.H Nderitu, F. Olubayo and M. Kasina. (2013) Assessment of Yield Loss Caused by *Maliarpha Separattella* Rag.on Rice at Mwea, Kirinyaga county, Kenya. Mount

Kenya University Annual Research and Innovation Conference, Nairobi, 28th-30th August 2013

66. Bernard, O. O., Muthomi, J. W. and Nderitu, J. H. (2013). of Integrating Biological, Synthetic and Botanical Pesticides on Thrips Population and Yield of French Beans. Mount Kenya University Annual Research and Innovation Conference, Nairobi, 28th-30th August 2013
67. Kwach J.K.1, 2, Onyango M. A.2, Muthomi J. W., Nderitu J.H. (2013). Mat Rehabilitation of Banana Xanthomonas Wilt Infected orchards in Epidemic Areas of Western Kenya. Mount Kenya University Annual Research and Innovation Conference, Nairobi, 28th-30th August 2013
68. Muthoni J., Kabira, J.N. 1, Kipkoech D., Abong G.O. and Nderitu J.H (2013). Yield Performance of Potato Seed Tubers after Long Storage in a Diffuse Light Store (DLS). Mount Kenya University Annual Research and Innovation Conference, Nairobi, 28th-30th August 2013
69. Mugambi, I. K.1, Muthomi, J. W., Ojiem, J., Chemining'wa, G. N. and Nderitu, J. H. (2013). Effect of Incorporating Lablab Residues on Bean Root Rot and Chafer Grub (2013. Mount Kenya University Annual Research and Innovation Conference, Nairobi, 28th-30th August 2013
70. Nderitu, J. H., Wahome, R. Okemo, P. (2013). Current Status and proposed postgraduate training model for East Africa Universities. Mount Kenya University Annual Research and Innovation Conference, Nairobi, 28th-30th August 2013
71. Kwach, J.K.; J. W. Muthomi; M. A. Onyango and J. H. Nderitu (2013). Status and spread of Banana Xanthomonas Wilt in Kenya. 11TH ACSCC Conference, Entebbe, Uganda, 13-18 October 2013
72. G. O. Wafula, J. W. Muthomi, J. H. Nderitu and G. N. Chemining'wa (2013). Management of snap bean pests by integrating seed dressing, foliar sprays and intercropping with maize. Hak Conference, Meru, Kenya, 3rd-6th December 2013.

C. Manuals/Textbooks/Textbook chapters

1. Nderitu, J. H. (1995). Review on weeds, pests, diseases, nutrition and nutrient disorders on crops in Kenya. Vol. No 23, 34pp (ISBN 0 904567 49 4)
2. Nderitu, J. H. (2001) Controlling field pests. In "Managing Dryland resources: an extension manual for Eastern and Southern Africa" (ISBN 9966-9705-2-5)
3. Nderitu, J. H., Buruchara, R. A. and Ampofo, J. K. O. (1997). Relationship between bean stem maggot, bean root rots and soil fertility: literature review with emphasis on research in Eastern and Central Africa. Technical report series No 4. African Highland Initiative, AHI coordinating office, ICRAF, P. O. Box 30677, Nairobi, Kenya. 16pp
4. Nderitu, J. H., Anyango, J. J. and Ampofo, J. K. O. (1998).

- A survey of insect pests and farmers' control measures on snapbeans in Kirinyaga District, Kenya. CIAT Publication No. 23.
- 5 Nderitu, J. H., Buruchara, R. A. and Ampofo, J. K. O. (1997). Management of bean root rots and bean stem maggot in the African Highlands. AHI Coordinating office, ICRAF, P. O. Box 30677, Nairobi, Kenya
 6. Nderitu, J. H.; G. H. N. Nyamasyo; J. M. Aura (2008). Agricultural Entomology learning by practice Equatops Trading (Publishing Division), Nairobi, Kenya
 - 7 Nderitu, J. H, and Kasina, J (2004). Major insects of crops in Kenya.
 8. Nyamasyo, D. and Nderitu, J. H. (2008). Invertebrate Zoology for beginners. Equatops Trading (Publishing Division), Nairobi, Kenya 137 pp
 9. Nderitu, J. H.; Nyamasyo, G. H. N.; Kasina, J. M. (2008). Agricultural Entomology: learning agricultural entomology through practice, Equatops Trading (Publishing Division), Nairobi, Kenya, 147 pp

D). OCCASIONAL PUBLICATIONS:

1. Otysula, R. M., Nderitu, J. H., and Buruchara, R. A. (1997). Growing of climbing beans (Maharagwe Tambarizi) in Kenya. African Highland Initiative- CIAT, KARI, RRC-Kakamega, Kenya. 8pp
2. Ngatia, C. M. and Nderitu, J. H. (1995). Crop Protection by bean Farmers. Kenya Farmer, No 68: 8
3. Kimenju, J. W.; Olubayo, F. O; Nderitu, J. H; Njeru, R. W.; Muthomi, J. W. and Aura, J. A. (1998). Major diseases and insect of vegetable crops under intensive productions systems: Kibwezi experience. Report to the Deans Grant Committee, University of Nairobi

E) PAPERS PRESENTED IN CONFERENCES, WORKSHOPS, SEMINARS AND PROFESSIONAL COURSES:

1. Nderitu, J. H. (1987). Potato virus vectors and their control in Kenya. CIP integrated pest management course, Nairobi. 14th September 1987.
2. Nderitu, J. H. (1989). Integrated pest management for common beans (*Phaseolus vulgaris* L.) in Kenya. International DLG-Symposium in tropical and subtropical cropping systems. Feb. 8-15, 1989; Bad Durkhein, Fed. Rep. of Germany.
3. Nderitu, J. H. (1989). Insect pests of common beans (*Phaseolus vulgaris* L.) in Kenya. African Bean Entomologists Workshop CIAT Workshop, 7th- 9th

- August, 1989; Nairobi, Kenya.
4. Nderitu, J. H. (1989). The major insect pests of sweet potatoes (*Ipomoea batatas* L.) and their control in Kenya. CIP/IITA vegetative propagation course, 16-27 October, 1989, ILRAD, Nairobi.
 5. Nderitu, J. H. (1990). Management of crop pests invasion in Kenya. In 'Symposium on disasters in Kenya', Eldoret, Kenya. 12-17th November, 1990.
 6. Nderitu, J. H. and Mwaniki, S. W. (1990). Review on insect survey and host plant resistance evaluation methods on sweet potato. Proc. of a CIBC/KARI Workshop on sweet potato management in Kenya, Mombasa, Kenya. 7-11th May, 1990.
 7. Nderitu, J. H. (1990). The major insect pests of sweet potato and their control in Kenya. Proc. of a CIBC/KARI Workshop on sweet potato management in Kenya, Mombasa, 7th-11th May 1990.
 8. Nderitu, J. H., H. Y. Kayumbo and J. M. Mueke (1990). Beanfly infestation on common beans (*Phaseolus vulgaris* L). Proc. 2nd CIAT Regional Workshop on Bean Research in East Africa, 5-8th 1990, Nairobi, Kenya.
 9. Nderitu, J. H. (1990). Insect pests of beans and their control. Paper presented at the Bean Research Methods CIAT Training Course, Thika, Kenya, 5-6th November 1990.
 10. Nderitu, J. H. (1990). Monitoring and control of aphids on potatoes (*Solanum tuberosum* L.). Paper presented at CIP Regional Seed Production Course, Nairobi, Kenya, May 28-June 5, 1990.
 11. Nderitu, J. H. (1991). Pesticide residues in horticultural crops. Paper presented at Horticultural Crops Development Authority (HCDA) short course on Commercial Post-Harvest practices for Horticultural crops, 18th-29th November, 1991.
 12. Nderitu, J. H. (1989). The major insect pests of potatoes (*Solanum tuberosum* L.) and their control in Kenya. Paper presented at the CIP/IITA Vegetative Propagation course, 16-27th October, 1989, ILRAD, Nairobi.
 13. Mwaniki, S, N; J. N. Nderitu E. W. Macharia and G. N. Kibata (1991). Survey and control of sweet potato insect pests with special emphasis on sweet potato weevils, *Cylas* spp. Paper presented at the collaborative Research of KARI and CIP for the improvement of potato and sweet potato. Technical workshop, ILRAD, Nairobi, 7-8 November 1991.
 14. Nderitu, J. H. (1992). Review of agricultural entomology research activities in Kenya. Crop Protection and Farming System Survey Workshop, Nyeri, 16th-18th March 1992. KARI/ODA Crop Protection project.
 15. Nderitu, J. H. (1992). A review on pests of grain legumes in Kenya. Crop Protection and Farming System Survey Workshop, Nyeri, 16th-18th March, 1992. KARI/ODA

- Crop Protection project.
16. Nderitu, J. H. (1992). Assessment of beanfly incidence, damage and losses in subsistence farmer's fields in Kenya. KARI/CIAT Workshop on the National Bean Research Programme. 24th-26th May, 1992, Nakuru, Kenya.
 17. Macharia, E. W., Mwaniki, S.W.; Kibata, G.N., Nderitu, J. H. (1992). Sweet potato insect pests: identification and mode of damage. National Workshop for root and tuber crops pest management, KARI/CIBC, Mombasa, 3-7th August, 1992.
 18. Mwaniki, S. W., Kibata, G. N., Nderitu, J. H., Macharia, E. W. (1992). Search for resistance in the sweet potato weevil, *Cylas* spp. National Workshop for root and tuber crops pest management KARI/CIBC, Mombasa, 3-7th August, 1992.
 19. Nderitu, J.H. (1993). Assessment of beanfly incidence, damage and losses in farmers' field in Kenya. African Association of Insect Scientists (AAIS) 10th Meeting and Scientific Conference, 5-10th September 1993, Mombasa, Kenya.
 20. Nderitu, J.H., Anyango, J.J and Ampofo J. O. (1993). Survey on the pests and their current control measures on French beans in Mwea Division, Kirinyaga District, Kenya. 3rd CIAT Regional Workshop on Bean Research in Eastern Africa, Thika, Kenya, 19th-22nd April, 1993.
 21. Nderitu, J. H. (1993). Development and implementation of an integrated pest management package for snapbeans production in Kenya. Second meeting of the Pan-Africa working Group on bean entomology. Harare, Zimbabwe. 19-22 september 1993. CIAT african workshop series, No. 25 p 68-77
 22. Nderitu, J.H. and Waturu, C.N. (1995). Efficacy of the current insecticidal control of major pests of French beans (*Phaseolus vulgaris* L.) in Central Kenya. Second African Crop Science Conference, Malawi, 19th-24th February 1995.
 23. Nderitu, J.H. (1992). Review on pests of Grain legumes. In 'Summary Review of Crop Protection Research in Kenya' (Eds Sutherland and, Kibata, G.N., KARI/ODA Crop Protection Project.
 24. Nderitu, J. H. (1995). Efficacy of the current insecticidal control of major pests of French beans in Central Kenya. Proc. of planning workshop for adjustment of French bean research action plan. GTZ IPM Horticulture, NARL/KARI, Nairobi, 29th September 1995
 25. Were, H. K., Narla, R. D., Nderitu, J. H., Kidanemariam, H. M. (1995). Resistance of some promising potato clones to Potato Leafroll Virus (PLRV) and its vectors, Myzus persicae Sul. and Macrosiphum euphorbiae Thom. Root and Tuber crops conference, Malawi 1995
 26. Nderitu, J. H. (1996). AHI research Agenda on IPM:

- the Kenya dimension. Workshop for consolidation of programme work and partnership: 18-20th March 1996, Embu, Kenya.
27. Nderitu, J. H. (1996). Selective use and application of chemical pesticides in pest management. Paper presented at Training course on Integrated Pest Management for the African Highland Initiative, KARI, RRC-kakamega, 6th-17th May 1996
 28. Nderitu, J. H. (1996). Incidence and severity of bean stem maggot in Western Kenya. 3rd meeting on the Pan- African Working Group on bean entomology, Arusha, Tanzania, 3-7th November 1996
 29. Nderitu, J. H. (1996). Integrated pest Management on beans. lecture for Integrated Management of crop Pests course organized for agriculturalists from Tanzania by ICIPE, 24th October 1996, RRC-Kakamega
 30. Nderitu, J. H. (1999). Challenges on agricultural information dissemination and networking: case of a Kenyan NGO Programme. National workshop on sustainable agriculture, 13th October 1999, Nakuru, Kenya
 31. Nderitu, J. H. (2000). The potential of organic agriculture in Kenya. National Workshop on Biodiveristy, March 2000, Machakos, Kenya
 32. Buruchara, R.; Otsyula, R. ; Opiyo, F.; Musoni, A.; Kantengwa, S.; Nderitu, J.; Nekesa, P and Wortman, C (2000). A case study on developing and disseminating Integrated Pest Management technologies for bean root rots in Eastern and Central Africa. Paper presented at the Global Forum on Agricultural Research,
 33. Kibaru, a.; Olubayo, F. M.; Nderitu, J. H.; Mjeru, R. W.; Yobera, D. (2003). Border crops as aphid and PVY management strategy on seed potato in Kenya. Paper presented at the 15th African Association of insect Scientists and the Entomological Society of Kenya Conference
 34. Machangi, J. M ; Olubayo, F. M.; Nderitu, J. H.; Njeru, R. W.; El- Bedewy, R.; and Aura, J. (2003). Aphid vectors of potato virus diseases in Kenya. Paper presented at the 15th African Association of Insect Scientists and the Entomological Society of Kenya conference
 35. Technical and Agricultural education by 2030, JEPAK Annual National Conference, 25th February 2009
 36. Kiringai, Kamau and Nderitu, J. H. (2009). Social change and development: the view from Agriculture, 22nd July 2009, University of Nairobi
 37. Nderitu, J. H. (2009). Curriculum Development and approval process, 20-21st July 2009, Jacaranda Hotel, Nairobi
 38. Nderitu, J. H. and Kasina Muo (2011) Public debate on GMO Kenya. Proceeding of a public debate on GMO, Mt Kenya University Towers, Nairobi, 10th August 2011
 39. Nderitu, J. H. Nderitu and Kasina Muo (2011). 1st

- Consultative Forum on commercialization of patented herbal medicinal products, Hotel Boulevard, Nairobi, 26th October 2011
40. Nderitu, J. H. and Kasina Muo (2011). 2nd consultative Forum on commercialization of herbal medicinal products, Hotel Boulevard, Nairobi, 23rd November 2011
 41. Nderitu, J. H. and Kasina Muo (2011). 2nd consultative Forum on commercialization of herbal medicinal products, Hotel Boulevard, Nairobi, 9th December 2011
 42. Opportunities to promote a vibrant research culture in agriculture in Kenya, Lecture at Kenyatta University, 19th 2013
- D) PAPERS IN KENYA AGRICULTURAL RESEARCH INSTITUTE (KARI)/ NATIONAL AGRICULTURAL RESEARCH LABORATORIES (NARL)/CIAT ANNUAL REPORTS
1. Nderitu, J. H., F. M. Olubayo, P. N. Kabira and G. . Kibata (1987). Field entomology: Advisory and regulatory services. KARI/NARL Annual reports, 1987. pp 50.
 2. Nderitu, J. H., P. N. Kabira, C. M. Macharia and G. N. Kibata (1988). Advisory and regulatory services: Insect pest identification. KARI/NARL Annual report 1988. pp 40.
 3. Nderitu, J. H. (1988). Evaluation of seven bean cultivars for resistance to beanflies. KARI/NARL Annual report 1988.
 4. Macharia, C. M., J. M. Ongaro, G. N. Kibata, P. N. Kabira and J. H. Nderitu (1989). Advisory and Regulatory services: Insect pest identification and advisory services. KARI/NARL 1989. pp 80.
 5. Nderitu, J. H. (1989). Incidence of beanflies in monocrop and intercrops of beans and maize. KARI/NARL report 1989. pp. 102-103.
 6. Nderitu, J. H. (1989). Field survey of bean pests with special emphasis on beanflies. KARI/NARL report. pp. 104-109.
 7. Nderitu, J. H., S. W. Njoka and P.C. Waturu (1989). Evaluation of pest status and control procedures at Bura Irrigation and Settlement Project, Kenya. KARI/NARL Annual report 1989. pp. 123-127.
 8. Nderitu, J. H. and P. N. Kabira (1989). Highlights of pest problems on various food crops in 1989. KARI/NARL Annual report 1989. pp. 127-129.
 9. Ongaro, J. M., C. M. Macharia, G. R. S. Ochiel, G. N. Kibata and J. H. Nderitu (1990). Advisory and regulatory services: Insect pest identification. KARI/NARL Annual report 1990. pp. 73-76.
 10. Nderitu, J. H., B. D. M. Mbevi and C. M. Ngatia. (1990). Assessment of beanfly incidence, damage and losses in subsistence farmers' fields. KARI/NARL Annual

- reports 1990. pp. 78-82.
11. Nderitu, J. H. and J. J. Anyango. (1990). Survey on the use of insecticides on beanfly control with special emphasis on seed treatment. KARI/NARL Annual report 1990. pp. 85.
 12. Nderitu, J. H. (1990). Incidence of beanflies in bean monocrop and intercrops of beans and maize during the long rains season of 1990. KARI/NARL Annual report 1990. pp. 91-92.
 13. Macharia, E. W., J. H. Nderitu, G. N. Kibata and S. W. Mwaniki (1990). Survey and control of sweet potato insect pests with special emphasis on sweet potato weevils, *Cylas* spp. KARI/NARL Annual report 1990. pp. 100-104.
 14. Ngatia, C. M. and J. H. Nderitu (1990). Survey on farmer's bean storage practices and their effect on bruchid infestation on bean losses. KARI/NARL Annual report 1990. pp 111-114.
 15. Ongaro, J. M., C. M. Macharia, G. R. S. Ochiel, G. N. Kibata and J. H. Nderitu (1991). Advisory and regulatory services: Insect pest identification. KARI/NARL Annual report 1991. pp. 95-96.
 16. Mwaniki, S. M., E. Macharia, J. H. Nderitu and G. N. Kibata (1991). Survey and control of sweet potato insect pests with special emphasis on sweet potato weevil, *Cylas* spp. KARI/NARL Annual report 1991. pp. 105-111.
 17. Ngatia, C. M., and J. H. Nderitu (1991). On-farm loss assessment of common beans (*Phaseolus vulgaris* L.) caused by bean bruchid (*Acanthoscelides obtectus* Say Coleoptera: Bruchidae) and farmers' control practices. KARI/NARL Annual report 1991. pp. 132-140.

E. TECHNICAL REPORTS:

1. Nderitu, J. H. (1991). Assessment of beanfly incidence, damage and losses in subsistence farmers' field in five districts of Kenya. 26 pp., First Report, 1991.
2. Ngatia, C. M. and J. H. Nderitu (1991). On farm loss assessment of common beans caused by bean bruchids (*Acanthoscelides obtectus* Say (Coleoptera: Bruchidae) and farmers control practices. 36 pp.
3. Nderitu, J.H. (1992). Assessment of beanfly incidence, damage and losses in subsistence farmers' fields in five districts of Kenya. 23 pp. 2nd Report, 1992.
4. Nderitu, J. H., Otsyula, R. O. and Meso, B. (1996). Farmers/extensionists/researchers discussions on bean root rots and bean stem maggot problems and solutions in Vihiga and Kakamega Districts, Western Kenya. 2nd Quarterly report, 1996, AHI Coordinating office, ICRAF, Nairobi, Kenya
5. Nderitu, J. H., Otsyula, R and Ajanga, S. (1996).

- incidence and severity of bean root rot and bean stem maggot in Western Kenya. 2nd Quarterly Report. AHI coordinating office, ICRAF, Nairobi
6. Nderitu, J. H. and Otysula, R. O. (1997). Cultural practices in the control of bean root rot and bean stem maggot in Western Kenya. AHI Annual Report, AHI coordinating office, ICRAF, Nairobi
 7. Nderitu, J. H. and Otsyula, R. O. (1997). Residual effect of incorporating organic/inorganic materials on bean stem maggot and bean root rots in Western Kenya. AHI Annual report, AHI coordinating office, ICRAF, Nairobi, Kenya.
 8. Nderitu, J. H., Otysula, R. M., Buruchara, R. A., Ampofo, K. O. (1997). Survey of bean root rots, bean stem maggot, soil fertility and management practices in farmers' fields in Western Kenya. AHI Annual Report. AHI coordinating office, ICRAF, Nairobi, Kenya. 19pp
 9. Wakahiu, M. W., Mwangombe, A. W., Nderitu, J. H., Mibey, R. K. (1997). Assesment of the level of bean (*Phaseolus vulgaris* L.) Cv Rose Coco glp-2 seed infection and contamination of disease incidence and severity. University of Nairobi, Dean Grants Report. Nairobi
 10. Nderitu, J. H. (1997). Soil fertility management practices to reduce bean stem maggot and bean root rots in Western Kenya. AHI IPM Project Final report, 1997. ICRAF, Nairobi
 11. Kimenju, J. W., Olubayo, F., Nderitu, J. H., Njeru, R. W., Muthomi, J. W. and Aura, J. A. (1998). Major diseases and insect pests of vegetable crops under intensive production systems- Kibwezi experience. A report submitted to the Deans Grant Committee, University of Nairobi, 56pp
 12. Nderitu, J. H.; Olubayo, F.; Waturu, C. N. (2001). Development of an integrated Pest Management (IPM) system for thrips on snapbeans (*Phaseolus vulgaris* L.) in Kenya. Workshop on sustainable Horticultural Production in the Tropics held at Jomo Kenyatta University of agriculture and Technology, Nairobi, Kenya on 3-6 October 2002

F. CONSULTANCY MANUALS AND REPORTS

1. Dent, D., Kean, S. A. and Nderitu, J. H. (1996). KARI/ODA NARP II Crop protection project. Review final report
2. Nderitu, J. H. (2001) Principles and practice of conservation farming. ABLH 2001, ABLH, Nairobi, Kenya. 87pp
3. Nderitu, J. H. (2001). Potential to produce organic agricultural products for export market from Teso District, Western Kenya. ABLH, 2001, Nairobi, Kenya. 50pp

4. Nderitu, J. H. (2002). Towards production and marketing of organic produce by smallholders in Teso District, Western Kenya. DFID, 78pp, Nairobi, Kenya
5. Nderitu, J. H. (2002). Potential for intensification, diversification and value added farming in Vihiga District, Western Kenya, DFID, 47PP, Nairobi, Kenya
6. Nderitu, J. H. (2002). Sustainable agricultural production and marketing by small holder farmers in Mbeere District, Kenya DFID REPORT, 38PP
7. Waweru, R.; Nderitu, J. H.; Imungi, J.; Owour, T. Wasike, (2004). Business plan ABLH, 83pp, Nairobi, Kenya
8. Waweru, R, Nderitu, J. H., Kamau, Ndonga, P. (2005) External evaluation of social development programme, Diocese of Ngong, Kenya
9. Nderitu, J. H. and Kasina, J. M. (2010) Monitoring and evaluation of implementation of legal Notice No. 113 of September 2008 (The) (Standing weight of packages) order 2008 KENAPOFA/UON/KARI Report
10. Nderitu, J, H, and Kasina, J, M. (2009). IPM framework for KAPAP Projects, KAPAP, Nairobi, Kenya
11. Nderitu, J. H. and Kasina, J. M. (2010). Pest Management Plan (PMP) for arid and semi-arid areas in Kenya. World Bank, Nairobi
12. Nderitu, J. H. and Nzuma, (2010). Ecosystem-based approach for effective grains storage and adaption to climate change in Eastern and Southern Africa (ESA). Project proposal to UNDP , CYMMIT, Kenya
13. Muthomi, J. W. and Nderitu, J. H. (2011). Curricula for Agricultural Value Chain Development, PSA/GIZ and Kenyan Universities, 40pp
14. Implementation of Value Chain Development Training Curricula at Selected Universities in Kenya (2013). PSDA/GIZ, January 2013
15. K. Mutundu, J. H. Nderitu, D. Mureithi, H. Wainaina, B. Ayugi (2013). Opportunity for university intervention in upgrading animal health service industry (2013). REGAL-AG, ACIDI/VOCA, KENYA, Mount Kenya consultancy Team, August 2013
16. K. K. Mutundu, J. H. Nderitu, D. Mureithi, H. Wainaina, B. Ayugi (2013). Baseline survey on interventions in upgrading animal health and production in ASALS of Marsabit County, Marsabit, Kenya. REGAL-AG/ACIDI/VOCA/MKU

G). CONFERENCES, SEMINARS AND WORKSHOPS ATTENDED:

1. International conference on tropical entomology, 1-5 September 1986, Nairobi, Kenya.
2. Proceeding of the beanfly workshop. Arusha, Tanzania, 16-20 November, 1986. CIAT. Pan-African workshop Series No 1.
3. 5th Workshop on beans Research in Tanzania, 5th-11th

- September, 1986, Morogoro, Tanzania.
4. Second International Conference on Tropical Entomology, Nairobi, 31st May- 4th August, 1989.
 6. African Bean Entomologists' Working Group Meeting, Nairobi, CIAT. 7- 9th August, 1989.
 7. International Symposium on the Cereal Stem Borer, Chilo. ICIPE, Duduville, 26-29th July, 1989.
 8. UNEP/GIFAP Conference, UNEP, Gigiri, Nairobi, 6th December, 1989.
 9. Second Regional Workshop on Bean Research in East Africa. 5-6 March, 1990, Kenya.
 10. Conference on Supervision and related matters in the African Postgraduate programme in Insect Science (ARPPIS). 28th May 1990, ICIPE, Kenya.
 11. Second KARI Annual Scientific Conference. 5-7th September 1990, Nairobi, Kenya.
 12. International Conference on Capacity Building in Insect Science in Africa: Field experience and Evaluation of the Impact of ARPPIS. 3 -6 December, 1990, ICIPE, Nairobi, Kenya
 13. Sweet Potato pest Management Workshop. 5-7 May, 1990, Mombasa, Kenya.
 14. National Horticultural Research Programme: Review Workshop. 5-10 May, 1991.
 15. National Horticultural Conference. 8th March, 1991, Ministry of Agriculture, Kenya.
 16. KARI/ODA Crop Protection Participatory Workshop, Nairobi. 29th April-3rd May 1991.
 17. Major Symposium on exotic pests in Africa: their prevention and control. African Association of Insect Scientists (AAIS). Accra, Ghana, 23-27 September, 1991.
 18. National Horticultural Conference. 25th March, 1992, Ministry of Agriculture, Kenya.
 19. PESTNET Methodology Workshop on Determination of economic injury levels of maize stalkborers for on-farm research. Mombasa, 11-14th March, 1992.
 20. Crop Protection and Farming System survey Workshop. Nyeri, 6th-18th March 1992. KARI/ODA Crop Protection Project.
 21. 3rd KARI Research Conference, Pan Afric. Hotel, Nairobi, 7-9th October, 1992.
 22. National Workshop for root and tuber crops pest management. KARI/CIBC, Mombasa, 3-7th April 1992
 23. 3rd CIAT Regional Workshop on Bean Research in Eastern Africa, Thika, Kenya, 19th-23rd April 1993.
 24. Beneficial African insects: a renewable natural resource. African Association of Insect Scientists (AAIS). 5th-10th September 1993, Mombasa, Kenya.
 25. Second meeting of the PAN-Africa working Group on bean entomology. Harare, Zimbabwe, 19-22 September 1993
 26. Forestry entomology Workshop, Muguga, Kenya. 6th December 1993
 27. Research Action Plan for the development of an integrated pest management systems for French bean production. KARI/GTZ IPM Horticulture project, Nairobi,

- Kenya. 18th October 1994
28. Crop protection and Kenya smallholder farmer. KARI/ODA crop protection project, NARL, 28th January 1994
 29. AHI IPM Technical Advisory Meeting. 18-19th October 30. Centre Research Advisory Committee (CRAC) meeting, KARI-Kakamega. RRC-Kakamega, Kakamega. October 1995
 31. Internal CIAT Review 1995. Cali, Colombia. 27-28th November 1995
 32. AHI workshop for consolidation of programme of work and partnerships: 18-23rd March 1996, Embu, Kenya
 33. Ethiopia African Highland Initiative(AHI): Planning Workshop. 20-23rd January 1996. Nazareth, Ethiopia
 34. 3rd meeting of African Highland Initiative(AHI) Technical Advisory Panel(TAP), 19-20th October 1995, Kampala, Uganda
 35. Centre Research Advisory Committee(CRAC) meeting for crop protection. NARL, Nairobi. 1st February 1996.
 36. AHI IPM Technical Advisory Committee Meeting. ICRAF, Nairobi, 12-13th September 1996
 37. 3rd meeting on the Pan-African Working Group on Bean Entomology, Arusha, Tanzania, November 3-7 1996
 38. AHI/ICRAF Planning workshop at National Agroforestry Research Centre, Maseno, Kenya. 19-20th November 1996. Research on soil fertility and related pest and disease problems(striga, nematodes, bean root rots and bean stem maggot)
 39. AHI site meeting on integration of AHI programmes at Maseno/Kakamega benchmark site. 16th December 1996
 40. Formulation of AHI Characterization and Diagnostic Workplan at Kakamega/Maseno benchmark site. RRC-Kakamega, 6th January 1996
 41. Informal farmers' meetings at Bukhaywa. 22nd January 1997, Kakamega, Kenya
 42. AHI planning and review workshop at Maseno, Kenya on 7-8th January 1997
 43. Better information and communication for enabling development: Agroforestry Research Centre, Maseno. 23rd January 1997
 44. AHI characterization and diagnosis synthesis workshop. 25-27th February 1997. Kakamega, Kenya
 45. CIAT staff meeting, 9-10th May 1997, Embu, Kenya
 46. Coceptualization of a whole farm approach to farming research and development at Kakamega-maseno Benchmark Sites. OMMN-Kakamega. 4-5th February 1997
 47. Farmers' Group meetings for designing trials. 27th march 1997. OMMN, Kakamega, Kenya
 48. Farmers Workshop, Majengo, Vihiga District, Kenya. 21st March 1997
 49. Centre Research Advisory Meeting, NARL, Nairobi, 21st April 1997
 50. Soil fertility replenishment Meeting, Maseno, Kenya. 24-25th May 1997
 51. AHI characterization and Diagnostic meetings for development of PRA on soil improvement technologies. 17, 21, 23rd April and 20th May 1997 , Kakamega, Kenya

52. Monitoring tour on banana fields. Kakamega/Vihiga Districts. AHI/IITA/ESARC Team. 15th April 1997
53. AHI stakeholders Workshop, Kakamega, Kenya. 21-23rd May 1997
54. ECABREN multidisciplinary workshop. 12-16th May 1997, Embu, Kenya
55. Monitoring banana nematodes/weevils pest problems. Embu District, Kenya. 15th June 1997. AHI/IITA/ESARC Team
56. AHI Regional Workshop, 9-13 June 1997, ICRAF, Nairobi, Kenya
57. Technical support and monitoring of AHI IMP sub-project in beans implemented by Uganda National Agricultural Research Organization. Kisoro District, Uganda, 15-18th June 1997
58. Technical support and monitoring of AHI IMP sub-project on bean root rots and bean stem maggot. Ethiopia Institute of Agricultural Research. Nazareth /Areka/Holetta/Ambo areas, 28th August-6th September 1997
57. 2nd biennial Crop Protection Conference, September 16-17, 1998, NARL, Nairobi
58. Technical support and monitoring of AHI IPM sub-project in beans implemented by Uganda National research Organization. Kisoro District, Uganda, November 18th - 22nd 1997
59. 2nd Bean Pathology Working Group meeting, 24-28th May 1998, Thika, Kenya
60. AHI Phase 11 Planning Workshop, Kisumu, March 1998
61. KARI Scientific Conference, November 1998
62. Workshop on the development of horticultural policy in Kenya. HCDA, Nairobi, PanAfric hotel, 23rd September 1999
63. FPEAK WORKSHOP ON MRLs for fruits and vegetables for export to European Union. 8th December 1999 at PanAfric Hotel, Nairobi, Kenya
64. Workshop on factors affecting uptake of crop protection outputs in peri-urban vegetable production systems in Kenya. CAB INTERNATIONAL, Nairobi, 2nd December 1999
65. Workshop on Tree Crop propagation and management of tree pests and diseases. ITFSP, GTZ+MALDM, Nairobi, 17th November 1999 IFOAM Agrophone Africa conference, Kampala, Uganda, 5th-12th December 1999
66. Tree healthy and agroforestry. CAB International, KEFRI, Nairobi, 20th March 2000
67. Integrated pest and soil fertility management workshop. CABI/TSBF/NRI, Nairobi. 15-18th February 2000
68. Crop Protection Workshop. CABI/NRI 31ST March 2000, ICRAF, Nairobi
69. National Workshop on sustainable agriculture, 13th October, 1999 Nakuru, Kenya
70. Initiative for developing sustainable models of IPM awareness building among smallholder farmers in Eastern Africa, Farmers' day, Thika, Kenya, 28th June 2000

71. Workshop on organic resource management and agricultural technologies. Nairobi, 19th- 20th September 2000
72. Regional Workshop on control of maize pests by natural enemies, ICIPE, Nairobi, October, 2000
73. Devastating drought in Kenya: environmental impacts and responses, Machakos, UNEP/GK, 22ND March 2001
74. Technical workshop on fruit and vegetables standards and grades workshop, Naro Moro River Lodge, 15th- 17th August 2000
75. Intellectual property rights, Nairobi, 5-8th June 2001
76. NGO capacity building -the leadership dimension, the National Council of NGOs
77. Dryland Farming Manual Production Workshop, Nairobi, 29th May-9th February 2001
78. National sensitization seminars on intellectual property rights, KIPO, Nairobi, 5th-8th June 2001
79. Workshop on sustainable Horticultural Production in the Tropics held 3-6 October 2001, JKUAT, Nairobi, Kenya
80. KARI Scientific Conference, 11-15th November 2002, Nairobi, Kenya
81. 6th Biennial Conference of the African Crop Science Society, Nairobi, Kenya, 12-17th October 2003
82. Sub-Regional Workshop on the promotion of Pre-University Education in Eastern Africa. KNUT/Educational International-Africa Region, Nairobi, 25-28 September 2003
83. Lobbying and advocacy for policy issues in the educational sector, Solidarity Centre/KNUT/UASU National workshop, Nyahururu, 14-18th March 2005
84. Re-invigorating the University mandate in a globalising environment: challenges, obstacles and way forward. Kenyatta University, 26th-27th May 2005
85. Workshop on operationalization of postgraduate programme for enhancement of skills in agricultural information and communication in the ASARECA region. Addis Ababa Ethiopia, 29 - 30th June 2007.
86. Workshop on Leadership skills, Nairobi, 10-11th April 2006
87. Workshop on scientific proposal writing from 19th - 25th November, 2006 Nairobi, Kenya.
88. Workshop on Strengthening Capacity in Agricultural Research and Development in Africa (SCARDA), Entebbe, Uganda, 4 - 7th June 2007.
89. Training workshop on Public Procurement Nairobi, Kenya, 28th May 2007.
90. RuFORUM third annual meeting, Maputo Mozambique, 27-29th August 2007.
91. Workshop on an ecosystem approach to human health; integrating malaria control interventions with development strategies in Mwea, Kirinyaga Disrict KARI, Headquarters, 19th July 2007
92. Stakeholders workshop on postgraduate programme (MSc and PGD for enhancement of skills in agricultural

- information and communication information and communication management (AICM) in ASARECA region. Nairobi, Kenya, 17-18th May 2007
93. Senior management leadership orientation warming on Rapid Results Approach, Nairobi, Kenya, 3rd May 2007
 94. ISO 9001 training workshop, Nairobi, 7th February 2007
 95. The workshop on the training of Chief Internal examiners Nairobi, 13th - 14th July 2006
 96. Stakeholders workshop on Agricultural education and training in Kenya Nairobi, 30th November - 1st December 2006
 97. Asareca snap bean stakeholders workshop Thika, 11 - 12th October 2006.
 98. Workshop on postgraduate programme in Agricultural Information and Communication Management in ASARECA Region, Entebbe, Uganda, 1- 3rd November 2006.
 99. Review and planning workshop for ASARECA Biofort project. Arusha. Tanzania, 2006.
 100. Interministerial consultative workshop on the proposed agricultural livestock and forestry professional bill Nairobi; 24th August 2006.
 101. Interministerial workshop for food and nutrition policy at Norfolk Hotel, on 21st August 2006..
 102. Workshop on developing a participatory monitoring and evaluation system for RUFORUM on 10 - 12th May 2006, Nairobi, Kenya.
 103. Training on safety and health, University of Nairobi, 20th-23rd March 2007
 104. Kenya Maize Working Workshop, Jacarada Hotel, Nairobi, 12-14th November 2007
 105. KENFORUM stakeholders Workshop "The role of higher education in agricultural sciences in the Kenyan Agricultural Sector", Nairobi, 3rd October 2008
 106. Proposal writing workshop on Rural Development (Organic Agriculture), McGill University, Canada, 10th - 11th May 2008
 107. Awareness seminar for policy makers on food safety under the UNIDO/NORAD/EAC Project on "Trade capacity building in agro-industry products for the establishment and proof compliance with international market requirements . NORAD/UNIDO Programme. Nairobi, 14th May 2008
 108. Environmental Auditing Workshop, University of Nairobi, College of Agriculture and Veterinary Science, 29th April 2008
 109. Gender in Agriculture workshop, College of Agriculture and Veterinary Sciences, UON, 21st August 2008
 110. Integrated Environment Assessment Workshop, ICIPE, 17-18th July 2008
 111. Refocusing of CAVS IGUs for enhancing income, KCCT, Mbagathi, Nairobi, 14-16th September 2008
 112. SADC Regional stakeholders engagement workshop, 4-5 December 2008

113. SUCAPRI-EDULINK workshop, Egerton University, 25-31st January 2009
114. Seminar on global status, impact and the future of biotech crops, Nairobi, 13th February 2009
115. Seed potato master plan workshop, Task force and experts meeting, April 2009
116. Round Table Forum programme- Irish potato, 8th May 2009
117. Cope project first Curriculum Development Workshop, 18-20th February 2009 held at KELPHIS HEADQUARTER, Karen
118. Skills Development on Information management systems, Naivasha, 13-15th 2009
119. National Rice Stakeholders workshop, KARI, Nairobi, 7-8th April 2009
120. Project review workshop to reactivate the project on "Enhancing competitiveness of snapbeans for domestic and export markets", Entebbe, Uganda, 2-5th March 2009
121. Inception/planning meeting for three EDULINK Projects 23-25th February 2009
122. Policy seminar on "Taming inflation and food security": Kenya School of Monetary Studies, 14th August 2009
123. Dry Grain Pulses Workshop, 3rd-6th August 2009
124. International Training course on organic agriculture, 29th July-1st August 2009, Makerere University, Uganda
125. Workshop on development of food safety curricula at University of Nairobi, 20th -21th July 2009, Jacaranda Hotel, Nairobi, Kenya
126. Symposium on social change and development communication in Africa, July 2009, University of Nairobi
127. COPE curriculum development workshop, 6th -10th July 2009, Nakuru
128. UVIMA Regional Project Preparatory Workshop, 29th- 1st July, Nairobi, Kenya
129. Inception workshop for three Edulink projects 23-25th February 2009, Entebbe, Uganda
130. Seed potato Master Plan study workshop, Task force and expert meeting, 21 April 2009
131. National Rice Workshop, 7th to 8th April 2009, KARI Headquarters, Nairobi
132. JEPAK Annual National Conference, 25th February, Nairobi
133. Dry Grain Legume Workshop, 3-6th August 2009, Kakamega
134. International Training Workshop on Organic Agriculture, 29th July- 1st August 2009, Makerere University, Kampala, Uganda
135. RUFORUM workshop, 26th August-4th September 2009, Mombasa
136. ASARECA Snapbean workshop, Nairobi, 2nd February 2010
137. Snapbean action plan workshop, February 2010, Nairobi, Kenya
138. Navy bean inception workshop, March 2010, Nairobi,

Kenya

139. **Dry Grain Legume Workshop, August 2010, Kisumu**
140. **Stakeholders consultative Workshop on Organic Agriculture, 1st December, 2010, Nairobi, Kenya**
141. **East Africa Organic Conference, 2nd December 2010, Nairobi, Kenya**
142. Curriculum Development for Agricultural Value Chain development Workshop, PSDA/GIZ/ Kenyan Universities, 23rd May 2011, ARC, Nairobi
143. Curriculum Development for agricultural Value Chain Analysis, PSDA/GIZ/Kenyan Universities, 27th June 2011, ARC, Nairobi
144. First National Health Research-to-Policy dialogue held on 21st-22nd June 2011, Windsor Golf and Country Club, Nairobi, Kenya
145. Multi-purpose legumes and management strategies for re-invigorating and maintaining the health and productivity of small holder mixed farming systems, Mid-year workshop review, KARI/Cornell University/University of Nairobi, Kisumu, 18-20 July 2011
146. End of project meeting for the USAID funded "3G" potato project, Masai lodge, Nairobi, 9-10- May 2011
147. The final stakeholder meeting for developing a roadmap for private sector-led multiplication, distribution, and marketing to smallholder farmers of high quality potato seed tubers in Eastern Africa held at Nairobi, Kenya, May 11-12 2011, Masai lodge, Nairobi
148. ICABUMPA 2011 Conference, Mount Kenya University, Nairobi, 20-21st April 2011
149. KARI/MCGILL collaborative food security project workshop, KARI, Nairobi, 18th May 2011
150. On-farm seed storage project workshop, Ol-jorok, Nyandarua, KARI-Tigoni/Mount Kenya University/MOA, 6TH July 2011
151. Vegetable value chain Inception workshop, Bukura ATC, Butere, 15th September 2011
152. Consultative forum on commercialization of patented herbal medical products, Hotel Boulevard, Nairobi, 26th October 2011
153. Programme for the dissemination workshop on Prepare Ph D. Arusha, Tanzania, 20-30th November 2011
154. Workshop on Multi-stake holder Evaluation of Agriculture and Livestock Chain activities in Kenya, KARI, 6TH December 2011
155. **Workshop on Developing a National Research for Health Knowledge Sharing Platform (KSP) for Kenya, Wednesday, 7 December 2011, Panafric Hotel, Nairobi, Kenya**
156. **ASARECA supported snapbean project, end of project workshop, 9-10th August 2011, KARI, ARC, Nairobi**
157. **4th National conference for dissemination of research results and exhibition of innovation, KICC, 3RD May 2011**
158. **Innovation of resilient farming systems in semi-arid systems, KARI/Mcgill University project, 27-29th February 2012**

159. UON-USAID AGRO-BIOTECH outreach and awareness workshop,
11th May 2012, Sarova Panafric Hotel, Nairobi
159. NCST Potato Planning Workshop, April 2012, KARI, AIRC
160. ASARECA End of project workshop, February 2012, Hilton Hotel, Nairobi
161. KAPAP projects Progress reports workshop, April 2012, Naivasha
162. 4th Academic conference, Mount Kenya University, Nakuru Campus, 17th to 19th May 2012
160. UON-USAID AGRO-BIOTECH outreach and awareness workshop, 11th May 2012, Sarova Panafric Hotel, Nairobi
161. KAPAP Vegetable Value Chain Project Workshop, National Museums of Kenya, 11th February 2013
162. NCST Seed Potato Planning Workshop, 20th May 2013, NARL, Nairobi.
- 167 Inception workshop of the snap bean breeding and integrated crop management projects, All Africa Conference of Churches, Bishop Desmond Tutu Centre, Westlands, Nairobi, 22-26 April 2013
163. Africa potato association conference, Great Rift Valley Lodge, Naivasha, Kenya, June 30- July 4, 2013
164. Stakeholders meeting for national research agenda, policy & university research chairs programme, Regency Hotel, 23rd May 2013
165. Research to Feed Africa Symposium"
June 23-27, 2014, KARI/MCGILL, Great Rift Valley Lodge, Naivasha, Kenya
166. Inception Workshop on KAPA vegetable project, 15-17th May 2013, Mumias

H. MSC AND PH D THESIS SUPERVISION

1. Waiganjo, M. M. (1995). Some aspects of the biology and ecology of the Diamond Backmoth, *Plutella xylostella* L. reared on six cabbage varieties commonly grown in Kenya. Msc thesis. 1996, University of Nairobi, Zoology Department
2. Wakahiu, M. W. (1994). Assessment of the level of bean (*Phaseolus vulgaris* L.) seed infection and contamination by *Macrophomina phaseolina* and its implication on disease incidence and severity. 1996,

- Msc thesis. University of Nairobi, Crop Science Department
3. Ngari, B. M. (1996) The role of natural enemies in population regulation of beanfly complex, *Ophiomyia* spp in Kakamega, K Msc Kenya. Msc thesis. University of Nairobi, Zoology Department
 4. Were, H. K. (1996). Survey for potato leafroll virus (PLRV), evaluation of some promising potato clones for resistance to PLRV and its vectors and comparison of the virus elimination methods. Msc thesis . University of Nairobi. Crop Science Department
 5. Mwangi, W (2000). Bees in Mt Kenya. Msc, Zoology Department, university of Nairobi
 6. John Ogecha.(2005). The effect of organic and inorganic fertilizers on bean infestation on a bean crop. Ph D project. University of Nairobi, Crop Protection Department
 7. Kagundu, A. M.(2000). Effects of green manure plants on root knot nematodes(*Meloidogyne* spp.) on infecting common beans(*Phaseolus vulgaris* L.). Msc
 8. Gakinya, J. K.(2001). Attempts to induce variability for bruchids(*Acanthoscelides obtectus* Say) resistance and other desirable characteristics in common beans(*Phaseolus vulgaris* L) using Gamma irradiation. Msc, Crop Science Department, University of Nairobi
 9. Wambua, E. W.(2001). Evaluation varieties and pesticides as management strategies for flower thrips(*Megalurothrips sjostedtii* and *Frankliniella occidentalis*) on French Beans(*Phaseolus vulgaris* L.), MSC Crop Protection, University of Nairobi
 10. Kasina, J. M(2001). Evaluation of some IPM strategies to suppress thrips on French Beans. Msc Agricultural entomology, University of Nairobi
 11. Machangi, J. M.(2001) Relationship between virus incidence, aphid populations, seed degeneration and yield loss on potato varieties. MSC
 12. Kibaru, A. G.(2002). Development of an integrated approach to management of aphids and viruses on seed potato(*Solanum tuberosum* L.) in Kenya. MSC
 13. Kithusi, G. D.(2002). Evaluation of biopesticides in control of red spider mites(*Tetranychus evamsi*) on tomatoes, *lycopersicum esculentum* Msc thesis
 14. Sila, M(2002). Evaluation of insect pathogens for control of sweet potato weevil(*Cylas* sp). MSC
 15. Mabeya(2002). Integrated pest management of *Tetranychys* spp. on tomatoes. MSC
 17. Mwaniki, S. (2002) Use of nematodes for management of sweet potato weevil, *Cylas* spp. Ph D
 18. Cheramgoi E. C. (2001). Effects of virus on growth and yield of local sweet potato varieties in Kenya. Msc
 19. Munyua, M. L. (2003). Management of aphid vectorrs of virus diseases on commercial potato (*Solanum teberosum* L) in Kenya. Msc
 20. Malenge, F. (2003) Study on management of aphids in

- Okra (*Abelmoschus esculentus*) in Kenya. Msc
21. Toroitich, F (2003) Susceptibility of the tobacco spider mite, *Tetranychus evansi* Baker & Pritchard to commonly used insecticide and acaricides in tomato production in Kenya Msc thesis
 22. Tende, R. M. (2003) Screening for development of resistance in African stem borer (*Busseola fusca*) and spotted stem borer (*Chilo partellus*) to Bt maize delta endo-toxins. Msc
 23. Ondiaka, S (2003) Biocontrol of sweet potato weevil in Kenya Msc
 24. Oronje, M. L. (2005). Assessment of pollinators in the yield of sunflower, *Heliothis annus* L in Makueni District, Kenya Msc
 25. Kandie, P. K. (2005). Integrated management of bean bruchid (*acanthosclides obtectus* Say) (Coleoptera: Bruchidae) in Eastern Kenya Msc
 26. Mwangi, F. G. (2005) Evaluation of border crop, intercrop and pesticide strategies of thrips (*Flankliella occidentalis* and *Megalurothrips sjostedti*) on French beans. Msc
 27. Nkaku (2006) Analysis of the snapbean export chain from Kenya; case of Meru-Central District
 28. Muinde, E.W. (2007) Management of potato aphid transmitted viral disease by integrating border crops, insecticides and mineral oil
 29. Nyaga, J.N. (2007) Management of aphids and aphid-transmitted viruses in seed potato (*Solanum tuberosum*) production by small scale farmers and their effect on yield in Kenya
 30. Karaya, G. H. (2008). Identification of new sources of resistance to *Striga hermontica* in tropical maize. Ph D
 31. Wacira, G. (2008). Screening of common bean cultivars for resistance to beanfly (Diptera: Agwromyzidae) Msc
 32. Eddie Birmie S. Hasheela (2008). Evaluation of trap crops and varieties for management of Diamond Backmoth (*Plutella sylostella* L.) on cabbage (*Brassica oleracea* var. capitata). Msc
 33. Machangi, J.m. (2007) Biological control of *Myzus persicae* and *Aphis gossypii* using indigenous and imported natural enemies (predators, parasitoids and pathogens). PhD
 34. Gachu Sarah (2008). Evaluation of vegetable intercrops for management of thrips and diseases on onions (*Allium cepa* L.). Msc
 35. Kinyungu Teresa (2008). Determination of effective distance of maize border crop on management of aphids and aphid-transmitted viruses in Irish potato (*Solanum Tuberosum* L.) Msc
 36. Khakame, K. S. (2005). Evaluation of indigenous methods for the control of the maize weevil (*Sitophilus zeamais* (Coleoptera: curculionidae) in stored maize, Msc
 37. Otieno, E. P. (2007). Effect of chemical pesticides and

- nitrogen source on the performance of food grain legumes (Msc
38. Kasina, J. M. (2007). Bee pollinators and economic importance of pollination in crop production: case of Kakaemga District, Western Kenya (Ph D)
 39. Mwangi William Kamande (2008). Evaluation of bee pollinators diversity and abundance in hedgerows in Kakamega farmlands Msc
 40. Otilie Shivolo (2008). Integrated management of two spotted spider mites, *Tetranychus urticae* pest of French beans Msc
 41. Sheserek Jerono (2008). Developing drought tolerant maize varieties with short anthesis to silking interval (AS) for the semi-arid lands of Kenya Msc
 42. Lusweti, N. F. J. (2008). Effects of phosphate fertilizers and seed priming on root rot and beanfly damage on beans and lablab in Nandi South District (Msc)
 43. Ochillo, W. N. (2009). Assessment of the impact of soil fertility management practices on major insect pests of beans and yield in Taita region, Kenya Msc
University of Nairobi
 44. Kega, V. M. (2009) Bionomics and management of African White Rice Borer, *Maliarpha separatella* Ragonot (Lepidoptera: Pyralidae). Ph D University of Nairobi
 45. Estambale, T. N. (2010). The role of information and communication technologies in enrolment for higher education in agriculture, Kenya Msc research project
 46. Mwombe, S. L. O. (2010) Information communication technology utilization by smallholder banana farmers in Gatanga district, Kenya (Msc research project)
 47. Rotich, D. C. (2010). Evaluation of pesticides and screening of varieties/cultivars for control of major pests on Navy beans in Mwea-Tebere, Kirinyaga District (Msc research project)
 48. Kaburu, D. M. (2010). Evaluation of environmentally safe pesticides for control of major pests on snapbeans (*Phaseolus vulgaris* L.) (Msc research project)
 49. Kamanu, J. K. (2010). Evaluation of organic and inorganic fertilizers at different rates on snapbeans in Mwea-Tebere, Kirinyaga District (Msc research project)
 51. Ogilla, P. O. (2010). Evaluation of organic and inorganic fertilizers at different rates on Navy beans (Msc research project)
 52. Mugerwa, S. (2009). Termite dynamics and control in pasture grasses in semi-arid Nakasongola, Uganda (Ph D project)
 53. Kwach, K. J. (2009). Sustainable management and mechanism of spread of banana xanthomonas wilt (*Xanthomonas campestris* p.v. *musacearum*) in Kenya (Ph D research project)
 54. Odero Daniel Odhiambo (2009). Competitiveness of smallholder snap bean production in Kirinyaga County, Kenya. Msc research Project

55. Koech, A. C. (2010). Evaluation of Integrated Pest Management components of potato tuber moth (*Phthorimeae opercullela*), Msc project
56. Were, S. A. (2010). Distribution of potato tubermoth (*Phthorimeae opercullela*). Msc research project
57. Benard Ouma Ogala (2011). Efficacy of farmers pest control practices and sequences of pesticide applications in thrips management in Embu East. Msc Research Project
58. Alufa Jackline Munyasa. (2010). Evaluation of drought tolerance mechanisms in mesoamerican dry bean genotype. Msc Research Project
59. Kabutbei Jepngetich (2010). Adaptation of Andean dry beans (*Phaseolus vulgaris* L) genotypes to drought stress. Msc project
60. Idah Karambu Mugambi (2010). Effect of lablab residues on bean root rot disease and performance of a maize-bean intercrop. Msc research Project
61. Geoffrey Ongoya Wafula (2013). Evaluation of combined and alternative pest management practices for whitefly, thrips, beanfly and aphids on French beans. Msc research project

I. INTERNAL EXAMINER- MSC AND PH D THESIS AT THE UNIVERSITY OF NAIROBI

1. Kamande, D. K. (1995). Resistance of timber to termite attack and the efficacy of two botanicals and wood ash in their protection. Msc thesis. university of Nairobi, Zoology Department
2. Mwangi, C. M. (1995). Studies on the management of the Red Cotton mite, *Tetranychus telarius* L., one of the major cotton pests in Kenya, using two recommended pesticides. Msc thesis. University of Nairobi, Zoology Department
3. Mugo, H. M. (1997). Studies of the insect pests of pigeon pea, *Cajanus cajan* L. during flowering and post-flowering stages and their impact on seed yield in Kenya. Msc thesis. University of Nairobi, Zoology Department
4. Kimenju, J. W. (1998). Identification and biological control of lesion nematodes (*Plantylenchus spp*) affecting maize production in Kenya. Ph D thesis, University of Nairobi.
5. Mwaniki, A. W. (2002). Assessment of bean production constraints and seed quality and levels of improved common bean seed infection/ contamination by fungi. Msc thesis, University of Nairobi
6. Kamau, J. G. (2002). Attempts to induce variability for

- bruchids (*Acantohoscelides obtectus* Say) resistance and other desirable characteristics in common bean (*Phaseolus vulgaris* L. Var. GLP-2 using Gamma irradiation Msc thesis
7. Wambua E (2004). Evaluation of varieties and pesticides as management strategies for thrips (*Megalurothrips sjostedti* and *Frankliniella occidentalis*) on French beans (*Phaseolus vulgaris* L.) Msc thesis
 8. Kasina, J. M (2004). Management of flower thrips (Thysanoptera: Thripidae) pests on French beans (*Phaseolus vulgaris* L.) at Mwea-Tebere, Central Kenya Msc thesis
 6. Kilalo, D. (2003). Survey of the arthropod complex of citrus (*Citrus* spp) with emphasis on monitoring and managing the homopteran pests and natural enemies
 9. Ochieng, V. O. (2002) Ph D thesis, Faculty of medicine, University of Nairobi
 10. Tende 2007 Screening for development of resistance in the African Borer (*Busseola fusca* Fuller) and the spotted stem borer (*Chilo partellus* Swinhoe) Bt-maize endotoxins
 11. Malenge F. (2006) Evaluation of the selected synthetic insecticides, neem products and border crops in the management of Aphids (*Aphis gossypii*) in okra 2005
 12. Kamande Mwangi D. (2009). Diversity and abundance of bee pollinators visiting hedgerow plants in the farmlands bordering Kakamega Forest (Msc)
 13. Mwaniki, S. W. (2009). Effects of abiotic factors on entomopathogenic nematodes and their potential against the sweet potato weevil *Cylas puncticollis* Boheman (Ph D)
 14. Mugo (2010). Integrating of fertilizers, selective insecticides and predatory mites on management of coffee pests in Kenya (Ph D thesis)
 15. Kaburu, D. M. (2010). Evaluation of environmentally safe pesticides for control of major pests on snapbeans (*Phaseolus vulgaris* L.) (Msc research thesis)
 16. Kega, V. M. (2013) Bionomics and management of African White Rice Borer, *Maliarpha separata* Ragonot (Lepidoptera: Pyralidae). Ph D

J. B SC AGRICULTURE- SUPERVISION OF BSC DISSERTATIONS

1. Choge, C. O. (1995). Population dynamics of coffee leafminer, *Leucoptera meyricki* on coffee at Kabete Field Station, University of Nairobi
2. Ituamwari, S. (1995). Population dynamics of bean aphid, *Aphis fabae* Scop. and control with diazinon
3. Ateka, E. (1995). Population dynamics of maize stalkborer, *Busseola fusca* Fuller on *Zea mays*
4. Maitha, S. M. (1995). Control of *Antesia leneaticollis*, on coffee with emphasis on chemical control
5. Kipyeno, G. (1995). Population dynamics of bean flower

- thrips, *Megalurothrips sjostedti* (Thripidae) and control
6. Ndambia, K. P. (1998). Assessment of the inherent susceptibility of maize varieties to post-harvest infestation by *Sitophilus zeamais* Notsch (Coleoptera: curculionidae)
 7. Kilambi, H. A. (1998). Assessment of beanfly (Diptera: Agromyzidae), black bean aphid (Thysanoptera: Thripidae) and red spider mites (Acarina: Tetranychidae) population on French beans (*Phaseolus vulgaris* L.)
 8. Kajuju, B. M. (2000). The effects of natural enemies on *Brevicoryne brassicae* on Brassicas
 9. Guantai, G. C. (2000). Natural enemies of pod sucking bugs and pod borers on pigeon pea at Kabete, Kenya
 10. Sakwa, K. R. (2001) Susceptibility of French bean varieties to thrip infestation
 11. Auma, E. O. (2001). Natural enemies of podflies on pigeonpeas
 12. Musangi, M. C. (Natural enemies of *Helicoverpa armigera* on pigeonpea
 13. Gitonga, K. C. (2001). Natural enemies of podsucking bugs on pigeonpea
 14. Ndalana, M. T. (2002). Assessment of thrips infestation on pigeon pea.
 15. Moranga, N. I. (2002). Susceptibility of French bean lines (*Phaseolus vulgaris* L.) to thrips (Homoptera: Thysanoptera) infestation
 16. Mbuvi N Stephen: Study of the Biology of Cow pea Bruchids (*Callosobruchus Maculatus* (F.) under laboratory conditions
 17. Mutungwa J.N. 2004 :Assessment of Bean fly Infestation and Damage on Four French Bean Varieties
 18. Wachira G.W. 2005 Comparison of Level of Resistance to Diamond Back Moth (*Plutella xylostela*) Infestation of collards Sukuma Wiki and Sukuma Siku at Kabete
 19. Simon Kiprotich Melly 2006 Assessment of Efficacy of Cyren 480 EC in the Control of Aphids on Kales at Kabete
 20. Omollo O David 2006 Assessment of Damage Inflicted by African Boll Worm (*Helicoverpa armigera*) on Tomato (*Lycopersicon esculentum*) at Kabete
 21. Irene M. Kaloki (2004): Assessment of major insect pests and damage on the Varieties of cowpeas at Kabete. Dipoma in crop Protection
 22. Otieno, Michael Ohatto 2008. Integrated management of thrips (*Megalurothrips sjostedtii*) in French Beans with least chemical residues expectations

K. EXTERNAL EXAMINER AT KENYATTA UNIVERSITY, MAKERERE UNIVERSITY, EGERTON UNIVERSITY AND JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY

1. Nampala, P. (1997) Potential of marigold as suppressant of aphids and other insect pests of common beans. Msc thesis. Makerere University. 1997.
2. Nampala, M. P. (1998). The potential of intercropping and

- seed dressing in the management of major cowpea pests in Uganda. Msc thesis, Makerere University.
3. Kyabangi, S.(1998). Effects of some cultural practices on bean infestation and damage by bean aphid in Uganda. Msc thesis, Makerere University, 1998.
 4. Magenya, E. V. (1999). The effect of neem-based pesticides (*Azadirachta indica*) on the natural enemies of the cabbage aphid and Diamond backmoth. Msc thesis, Kenyatta University, 1999.
 5. Adinani, K. (2000). Factors which influence field colonization of beans by the bean weevil, *Acanthoscelides obtectus* Say. Msc thesis, Makerere University, 2000.
 6. Gathu. (2000). Evaluation of neem formulation in the control of selected pests of French beans (*Phaseolus vulgaris* L.). Msc thesis, Kenyatta University, 2000
 7. Akongo, T. (2001). The bionomics and management of major pod pests of pigeonpea in Central and Northern Uganda. Makerere University, Uganda
 8. Kandji, S. T. (2001). Effects of improved fallows on the diversity of nematodes in the maize-based agroforestry systems of Western Kenya. Ph D thesis, Kenyatta University
 9. Raini, R. K. (2002). Effects of some companion crops on infestation and damage by diamond backmoth (*Plutella sylostella* L.) on cabbage, Msc thesis. MSC, Kenyatta University
 10. Kamunyu, E. K. (2002). Community dynamics and diversity of ground dwelling arthropods assemblages in a maize based agroforestry system in Mtwapa, coastal Kenya. MSC, Kenyatta University
 11. Girma, Hailu (2002). Insect pest problems and their management in planted fallow crop rotation in Western Kenya. PhD thesis, Kenyatta University
 12. Ibrahim, Macharia (2003). Ex-ante economic assessment of classical control of diamond back moth in cabbage by use of exotic parasitoid *Diadegma semiclausum* (Hellen) Msc thesis
 13. Muturi (2003). Efficiency of *Xanthopimpa stemmator* against selected lepidopteran pests and its interaction with pupal endoparasitoid *pediobius furvus* in graminaceous plants in Kenya. Msc Kenyatta University
 14. Waigamjo (2004). Studies on the ecology and preventative management of the onion thrips, *Thrips tabaci* Linderman (Thysanoptera: Thripidae) Ph D Thesis. Kenyatta University
 15. Kalymbi, A. (2004). (Assessment by performance attributes of Trichogrammatidae for biocontrol of African Bollworm (*Helicorvepa armigera*) in Kenya. PhD Thesis Kenyatta University
 16. Kagezi, E. L. (2004) Damage yield relationship of major pests of tomatoes in Central Uganda. Msc thesis, Makerere University

17. Characterization of the Inter and Intra-specific diversity and Habitat Association of nature Trichogrammatid species occurring on *Helicoverpa armigera* Hubner (Lepidoptera. Noctuidae) among vegetables crops in Eastern Africa. PhD thesis, Jomo Kenyatta University of Agricultural and Technology 2007.
18. Gitau 2006. Geographic variation in development of *Cotesia sesamiae* (Hymenoptera: Braconidae) on *Busseola Fusca* (Lepidoptera Noctuidae) in Kenya; Co-evolutionary genetics and role of DNA viruses. Gitau 2006, Kenyatta University
19. Development of tomato hybrids (*Lycopersicon esculentum* *X* *Lycopersicon Hirsutum* F. *globosum*) resistant to tobacco spider mites (*Tetranychus evansi* Baker and Pritchard) 2006 Jomo Kenyatta of Agricultural Technology.
20. Characterization of the Inter- and Intra- specific diversity and habitat association of nature trichogrammatid species occurring on *Helicoverpa armigera* Hubner (Lepidoptera armigera Hubner (Lepidoptera. Noctuidae) Among vegetable crops in Eastern Kenya 2006. Jomo Kenyatta University of Agriculture and Technology
21. Mucheru, O. M. 2008. Host range studies of *Surmiopsis parasitica* and interspecific competition with *Cotesia sesamiae* in Kenya. Msc thesis. Jomo Kenyatta University
22. Nyaanga 2008 The effect of the ladybird beetle (Coleoptera: coccinellidae) as biocontrol agents in Integrated Pest Management (IPM) of cereal aphids in Wheat (*Triticum aestivum* L.). Ph D thesis, Egerton University
23. Anani Yaovi (2008). Host suitability and interspecific competition of the West Africa stem Borer egg parasitoid *Telenomus isis* Polaszek (Hymenoptera: Celionidae) Ph D thesis, Kenyatta University
24. Oscar E. V. Magenya (2009). Interactions among leafhopper vector populations, maize streak virus, altitude and soil fertility, Kenyatta University. Ph D. thesis
25. Murungi, L. K. (2009). Biological performance, response and population dynamics of *Tetranychus evansi* (Acari: Tetranychidae) as influenced by different African nightshade (Solanales: Solanaceae) species. Jomo Kenyatta University
25. Gatama Gichini (2011). Population dynamics of diamondback moth (*Plutella xylostella* L.) (Lepidoptera: Plutellidae) and competitive interactions of its indigenous and introduced parasitoids in Kenya. Ph D. thesis, Jomo Kenyatta University
26. Saliou Niassy (2011). Development of a fungal based product for the control of *Frankliniella*

- occidentalis pergade. Ph. D. Thesis, Jomo Kenyatta University College of Agriculture and Technology
27. Limabai, D. K. (2012). Host-making behavior and pheromones in major mango (*Mangifera indica*) in Kenya, Jomo Kenyatta University of Agriculture and Technology
28. Kiatoko Nkoba (2012). Studies on the distribution, behavior, biology, rearing and pollination efficiency on five stingless bees (Aphidae: Meliponinae) in Kakamega forest. PH D thesis. Kenyatta University

L. COURSES FOR TEACHING

1. Economic entomology
2. Environmental management
3. Pest and disease management
4. Advanced pest management
5. Pesticides
6. Crop protection