

**LIST OF SCIENTIFIC PUBLICATIONS
BY RESEARCH SCIENTISTS OF
CSIR - CROPS RESEARCH INSTITUTE
(1995 - 2020)**



**Volume 2
(1995 - 2010)**

Compiled by:
Isaac S. Baning, Ruth Adu-Donyinah, Bernard. Sakyiamah

PREFACE

This compilation covers lists of Refereed Journal Papers, Conference Papers, Technical Reports, Books, Book Chapters, Newsletter articles, Production/Training Guides and Manuals, Research Briefs and others authored by Research Scientists of CSIR-Crops Research Institute (CSIR-CRI) and other collaborating scientists, from their research findings. It may not be a complete list but “Half a loaf is better than none”.

For some of the Refereed Journal Papers the authors initially indicated that the manuscripts had been submitted to a Journal for publishing. Some were later found published and it is expected that the others may be found later. For some published journal papers the volume number and pages of the Journal cited were not indicated. In some cases only the list of authors, year and title were found. All these have been listed so that if the authors can be identified and located (possibly at conferences and other meetings or at CSIR-CRI) they may be consulted for the desired publication.

The Technical Reports listed include reports on donor-supported programmes, consultancies and reports submitted to the National Variety Release and Registration Committee, prior to the release of improved crop varieties developed at CSIR-CRI. Some Research reports submitted internally to the Director of CSIR-CRI as Annual Reports by the Research Scientists have also been listed.

Minimum editing was done during the compilation to avoid misrepresentation. For example for the same conference, details of the date and location varied among some participants. Effort was made to minimise duplication. For example where a conference paper was later published as a refereed journal paper the latter is listed with a note indicating where it had earlier been presented as a conference paper.

Among the Authors listed the names of the Research Scientists of CSIR-CRI are in **bold** letters for easy identification. If any of such names is not in bold letters it may be due to oversight. Some research scientists who had left the Institute but were co-authors with their colleagues at the Institute have also been listed as CSIR-CRI staff for convenience.

It is expected that this work shall encourage research scientists to get their research findings published to debunk the old time notion that *research findings are gathering dust on the shelves*. Thus the contribution of CSIR-CRI Research Scientists to agricultural development globally, and in Ghana in particular, cannot be overlooked.

ACKNOWLEDGEMENT

To God be the glory for endowing us with good health, wisdom and the spirit of persistence and cooperation needed to undertake this exercise.

The support from Professor M.B. Mochiah, Director of CSIR-Crops Research Institute, that made the dream a reality, is very much appreciated.

The kind gesture of all research scientists who voluntarily provided a list of their scientific publications is also appreciated.

The support from Mrs Lawrencecia Donkor and Mr. Ransford Asamoah is also greatly appreciated.

OBJECTIVES

This work was done with the following objectives:

- a. To make known the contribution to global Body of Knowledge by Research Scientists of CSIR-CRI, particularly in the area of Agricultural Research.
- b. To serve as a reference and a guide to “new and young” research scientists at CSIR-CRI and elsewhere, as to research activities (Titles) that have been carried out at the Institute, the scientists (Authors) who did the work, when (Year) the work was done and how the findings or results have been disseminated. This may help to identify areas for further investigations while avoiding “re-inventing the wheel” with limited resources.
- c. To make known the extent of collaboration between Research Scientists of CSIR-CRI and other Institutions (local and international) as reflected in the authorship of the various publications.
- d. To make known the communication channels / media used by CSIR-CRI research scientists to share and disseminate their research findings. Apart from the usual scientific publications (Refereed Journal Papers, Conference papers, etc) CSIR-CRI scientists occasionally organised programmes with Radio (FM) *stations* where research findings were disseminated. The scientists also gave lectures during training programmes organised for students and front line staff of the Ministry of Agriculture. Other channels of dissemination used by CSIR-CRI (not listed) include exhibitions attended to showcase research products and field demonstrations held with extension workers and farmers throughout the country.

CSIR-CRI SCIENTIFIC PUBLICATIONS (2011 – 2020) 2011 PUBLICATIONS

Refereed Journal Papers

Abebrese, S.O., Akromah, R. and **Dartey, P.K.A.** (2011). Crossability of selected progeny from interspecific crosses between *Oryza sativa* and *Oryza glaberrima* (NERICAs). *African Journal of Agricultural Research*, Vol. 6(1), pp. 79-83.

Acquah, W.E., **Quain, M.D.** and Twumasi, P. (2011). Genetic relationships between some released and elite Ghanaian cassava cultivars based on distance matrices. *African Journal of Biotechnology*, Vol. 10(6), pp. 913-921. (Available online at <http://www.academicjournals.org/AJB> ISSN 1684b-5315. No. 169; Academic Journals).

Adu-Dapaah, H.K., Addy, S.N.T.T. Berchie, J.N. and **Asibuo, J.Y.** (2011). Current efforts in bambara groundnut breeding in Ghana. *Acta Hort.* 918, ISHS 2011 Pp 389-395. (Also in: *Proc. XXVIIIth IHC- IIIrd IS on Plant Genetic Resources. Lisbon, Portugal.* (Hummer, K. E., Ed).

Adu-Kwarteng, E., Sakyi-Dawson, E., Ayernor, G.S., Truong, V.D., Shih, F.F. and Daigle, K. (2011). Variability of sugars in staple-type sweetpotato (*Ipomoea batatas*) cultivars: The effects of harvest time and storage. *International Journal of Food Properties*, 17:2 pp 410-420.

Amenyedzi, F.W.K., Lartey Mary, N. and **Dzomeku, B.M.** (2011). The Use of Computers and Internet as Supplementary Source of Educational Material: A Case Study of the Senior High Schools in the Tema Metropolis in Ghana. *Contemporary Educational Technology*, 2 (2), 151 -162.

Appiah, F., **Asibuo, J.Y.** and Kumah, P. (2011). Physicochemical and functional properties of bean flours of three cowpea (*Vigna unguiculata* L. Walp) varieties in Ghana. *African Journal of Food Science*: 5(2):100 – 104.

Appiah, F., Guisse, R. and **Dartey, P.K.A.** (2011). Postharvest losses of rice from harvesting to milling in Ghana. *Journal of Stored Products and Postharvest Research*, Vol. 2(4) pp. 64 – 71.

Asumadu, H., Ewool, M.B. and Obeng-Antwi, K. (2011). Participatory Evaluation of Drought Tolerant Maize Varieties using Mother-Baby Trial Model: A Case Study in the Forest-Savannah Transition Zone of Ghana. *Journal of Agronomy* 10 (2): 68-73.

Asumadu, H., Omenyo, E.L. and Tetteh, F.M. (2011). Physiological and Economic Implication of leaf harvesting on vegetative growth and cormel yield of cocoyam (*Xanthosoma sagittifolium*). *Journal of Agronomy*, 10: 112-117.

Badu-Apraku, B., Akinwale, R.O., Menkir, A., Obeng-Antwi, K., Osuman, A.S., Coulibaly, N., Onyigbe, J.E., Yallou, G.C., Abdulai, M.S. and Didjera, A. (2011). Use of GGE Biplot for Targeting Early Maturing Maize Cultivars to Mega-Environments in West Africa. *African Crop Science Journal* 19, No. 2, 79-96.

Badu-Apraku, B., Oyekunle, M., Obeng-Antwi, K., Osuman, A.S., Ado, S.G., Coulibaly, N., Yallou, C.G., Abdulai, M., Boakyewaa, G.A. and Didgeira, A. (2011). Performance of extra-early maize cultivars based on GGE biplot and AMMI analysis. *The Journal of Agricultural Science* 150. Available on CJO 2011 doi: 10.1017/S0021859611000761.

Baidoo, P.K. and Mochiah, M.B. (2011). The influence of nutrient application on the pests and natural enemies of pests of okra *Abelmoschus esculentus* (L.) (Moench.) *Journal of Applied Biosciences* 41: 2765 – 2771.

Baidoo, P.K., Mochiah, M.B. and Owusu-Akyaw, M. (2011). Levels of Infestation on Three Different Portions of the Maize Cob by the Weevil, (*Sitophilus zeamais*. Motschulsky). *Journal of Science and Technology*, 30 (3): 21-26.

Bolfrey-Arku, G. E-K., Chauhan, B.S. and Johnson D.E. (2011). Seed germination ecology of itchgrass (*Rottboellia cochinchinensis*). *Weed Science*. 59:182–187.

Danso, Y., Akromah, R. and Osei, K. (2011). Molecular Marker Screening of Tomato (*Solanum lycopersicum* L.) Germplasm for Root-Knot Nematodes (*Meloidogyne* species) Resistance. *African Journal of Biotechnology* 10 (9), 1511-1515. (Also available online at <http://academicjournals.org/AJB>).

Danso, Y., Osei, K. and Akromah, R. (2011). Phenotypic evaluation of tomato (*Solanum lycopersicum*) germplasm for root-nematodes (*Meloidogyne* species) resistance. *Ghana Journal of Horticulture* 9: 1-12. ISSN 0855-6350. (Similar title had been presented at the 3rd Annual International Conference on Research and Development. Miklin Hotel, Accra. November 23-26, 2010).

Dzomeku, B.M., Dankyi, A.A. and Darkey, S.K. (2011). Socio-economic Importance of Plantain Cultivation in Ghana. *The Journal of Animal and Plant Sciences* 21(2): 269-273.

Issa, U.S., Afun, J.V.K., Mochiah, M.B., Owusu-Akyaw, M. and Braimah, H. (2011). Effect of some local botanical materials for the suppression of maize weevil (*Sitophilus zeamais*) (Motshulsky) (Coleoptera:Curculionidae) populations. *International Journal of Plant, Animal and Environmental Sciences Vol 1 (3) 270-275.*

Issa, U.S., Afun, J.V.K., Mochiah, M.B., Owusu-Akyaw, M. and Braimah, H.(2011). Resistance status of some maize lines and varieties to the maize storage weevil, *Sitophilus zeamais* (Motshulsky) (Coleoptera:Curculionidae). *Journal of Animal and Plant Sciences, 11 (3) 1466-1473.*

Kamara, E.G., Olympio, N.S. and **Asibuo, J.Y. (2011).** Effect of calcium and phosphorus fertilizer on the growth and yield of two groundnut (*Arachis hypogaea* L.) varieties in the major and minor seasons. *International Research Journal of Agricultural Science and Soil Science: 1(8):326-331*

Mochiah, M.B., Baidoo, P.K. and **Owusu-Akyaw, M. (2011).** Influence of Different Nutrient Applications on Insect Populations and Damage to Cabbage. *Journal of Applied Biosciences 38: 2564-2572.*

Mochiah, M.B., Baidoo, P.K., **Obeng, A. and Owusu-Akyaw, M. (2011).** Tomato as an intercropped plant on the pests and natural enemies of the pests of cabbage (*Brassica oleracea*). *International Journal of Plant Animal and Environmental Science. Vol. 1(3): 233-240.*

Mochiah, M.B., Banful, B., Fening, K.O., Amoabeng, B.W., Offei Bonsu, K., Ekyem, S.O, Braimah, H. and Owusu-Akyaw, M. (2011). Botanicals for the management of insect pests in organic vegetable production. *Journal of Entomology and Nematology Vol. 3 (8): 85-97.*

Obeng-Antwi, K., Craufurd, P., Menkir, A., Ellis, R.H and **Sallah, P.Y.K. (2011).** Intra-Landrace Variability of Two Maize Landraces in Ghana. *International Journal of Science and Advanced Technology Vol. 1 No. 9, 23 - 40.*

Obeng-Bio, E., Bonsu, M., **Obeng-Antwi, K.** and Akromah, R. (2011). Establishing the basis for drought tolerance in maize (*Zea mays* L.) using some secondary traits in the field. *African Journal of Plant Science Vol. 5 (12), pp. 702-709.*

Obeng-Bio, E., Bonsu, M., **Obeng-Antwi, K.** and Akromah, R. (2011). Green house assessment of drought tolerance in maize using some plant parameters. *African Journal of Plant Science Vol. 5(14), pp. 823-828, DOI: 10.5897/AJPS11.113*

Osei, K. (2011). Effective Stage of African Marigold (*Tagetes erecta* L.) in Reducing the Root-knot Nematode (*Meloidogyne incognita*) Kofoid and White Population in a Tomato (*Solanum lycopersicum*) Crop in Ghana. *Botswana Journal of Agriculture and Applied Sciences* 7, 75-82.

Osei, K., Addico, R., Nafeo, A., Adu-Kwarteng, E., Danso, Y. and Sackey-Asante, J. (2011). Effect of some organic waste extracts on hatching of *Meloidogyne incognita* eggs. *African Journal of Agricultural Research* 6 (10), 2255-2259. ISSN 1991-637X. (Available online at <http://academicjournals.org/AJAR>).

Osei, K., Bam, R.K. and Asante, J.S. (2011). Rice production practices and farmers' perception of the white tip nematode (*Aphelenchoides besseyi* Christie) in Ghana. *Journal of Applied Biosciences* 47, 3264 - 3269. ISSN 1999 – 5902.

Osei, K., Moss, R., Nafeo, A., Addico, R., Agyemang, A. and Asante, J.S. (2011). Managing Nematode Pests and Improving Yield of Pineapple with *Mucuna pruriens* in Ghana. *Journal of Entomology and Nematology* 3 (1) 20-24.

Osei, K. (2011). Evaluation of nine cultivars of sweetpotato for *Meloidogyne incognita* resistance. *International Journal of Nematology* 21 (2) 187-191.

Osei, K., Moss, R., Nafeo, A., Addico, R., Agyeman, A., Danso, Y. and Asante, J.S. (2011). Management of plant parasitic nematodes with antagonistic plants in the forest – savanna transitional zone of Ghana. *Journal of Applied Biosciences* 37: 2491-2495.

Quain, M.D., Egnin, M., Bey, B., Thompson, R. and Bonsi, C. (2011). Transgenic potential of *Dioscorea rotundata*, using agrobacterium-mediated genetic transformation. *Aspects of Applied Biology* 110, ISSN 0265-1491 pp71-79.

Tengan, K.M.L., Akromah, R., **Obeng-Antwi, K., Agyeman, A.** (2011). Enhancing the nutritional status of Okomasa, a normal open-pollinated maize variety using the backcross approach. *International Journal of Science and Advanced Technology Vol1 No. 8, 131-137.*

Tomekpe, K., Kwa, M., **Dzomeku, B.M.** and Ganry, J. (2011). CARBAP and innovation on the plantain banana in Western and Central Africa. *International Journal of Agricultural Sustainability* 9 (1): 264–273.

Conference Papers / Abstracts /Posters

Acheampong, P.P., Dankyi, A.A., Adu-Dapaah, H., Frimpong, B., Osei-Adu, J. and Asante, B.O. (2011). Cluster initiatives in Ghana: The way forward for economic development and poverty alleviation. In: *Proc. 2nd Annual Conference of Pan-African Competitiveness Forum. Elmina Bean Hotel, Ghana. February 15-17, 2010. Pp. 120-132. (Essegbey, G.O., Karbo, N. and Mohammed, K.S., Eds).*

Acquah, W.E., **Quain, M.D.** and Twumasi, P. (2011). Genetic relationships revealed by SSR Markers among Ghanaian cassava cultivars released by different research groups. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra, Ghana. September 12 -16, 2011.*

Adu-Dapaah, H.K., Addy, S.N.T.T., Asibuo, J.Y. and Berchie, J.N. (2011). Farmer participatory development of *Cercospora* leaf spot tolerant cowpea varieties in Ghana. *Presented at 28th International Horticultural Congress, Lisboa-Portugal. August 22-27, 2010.*

Adu-Dapaah, H., Addy, S.N.T.T., Berchie, J.N. and Asibuo, J.Y. (2011). Current Efforts in Bambara Groundnut Breeding in Ghana. In: *Proc. 28th International Horticultural Congress, Lisboa-Portugal, August 22-27, 2010.*

Adu-Kwarteng, E., Ansah, I.O.O., Sagoe, R. and Amoah, S. (2011). Sweetpotato Product Development in Ghana: Towards Alleviation of Nutritional Deficiencies in Women and Children. In: *Book of Abstracts, Conference on Increasing Agricultural Productivity and Enhancing Food Security in Africa. Addis Ababa, Ethiopia. November 1-3, 2011. pp 32-33.*

Asibuo, J.Y., Quain, M.D., Ribeiro, P.F., Agyeman, A., Prempeh, R.N. and Aboagye, L. (2011). SSR Finger Printing of Conserved Yam Germplasm in Ghana. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra, Ghana. September 12 -16, 2011.*

Asibuo, J.Y., Quain, M.D., Ribeiro, P.F., Agyeman, A., Prempeh, R.N. and Aboagye, L. (2011). Strengthening Linkages Between the Conservation and Use of Yam in Ghana. *Paper presented at ISTRC Meeting, Abeokuta, Nigeria. September 23-28, 2011.*

Baafi, E., Adu-Kwarteng, E., Adu-Dapaah, H. and Asafu-Agyei, J.N. (2011). Sweetpotato: Ghana's security crop for the climate change endemic. In: *Cluster Initiative for African Economic Development and Sustainability. Proc. 2nd Annual Conference of the Pan African Competitiveness Forum (PACF). Elmina Beach Hotel, Elmina, Ghana. February, 2010. pp 30-41. (Essegbey, G.O., Karbo, N. and Mohammed, K.S., Eds).*

Berchie, J.N., Gaudin A.C.M., Razaida, M.N., **Adu-Dapaah, H.** and Sarkodie-Addo, J. (2011). Evaluation of 13 bambara groundnut (*Vigna subterranea* (L) Verdc.) landraces for drought stress at the University of Guelph, Ontario, Canada. *Abstract accepted for Poster presentation, 2nd International Symposium on Underutilised Plant Species: Crops for the future. Kuala-Lumpur, Malaysia. June 27 – July 1, 2011. (Similar title presented at the 3rd International Conference on Neglected Under-utilised Species for a Food-Secure Africa. Accra, Ghana. September 25-27, 2013).*

Bolfrey-Arku, G. (2011). Status of gender mainstreaming in Agricultural Research for Development in Ghana. *Paper presented at the AfricaRice NARS Gender Task Force Workshop, Benin. (CSIR-CRI/CA/BAG/2011/001).*

Bolfrey-Arku, G. and **Manu-Aduening, J.** (2011). Effect of cassava variety and planting distance (density) on weed and crop growth. In: *Book of Abstracts/Conference Programme - West Africa Root and Tuber Crops Conference.*

Bolfrey-Arku, G., Osei-Bonsu, P. and **Manu-Aduening, J.** (2011). Weed management programme at CSIR-Crops Research Institute. *Presented at the West Africa Root and Tuber Crops Conference. WAAPP, Ghana. Accra, Ghana. September 12 - 16, 2011.*

Bosompem, M., **Acheampong, E.** and **Osei, M.K.** (2011). Young and Proudly Agriculturalist, Ghana Experience. *Paper presented at a Workshop on "Opportunities in Agriculture and Rural areas for the youth in times of New Information Technologies" during a Youth Exchange and Training Workshop on Web 2.0 for ARD. CSIR-INSTI, Accra, Ghana. March 11, 2011.*

Braimah, H., Issa, U.S., Ankomah, A.A., Manu-Aduening and **Osei, K.** (2011). The effect of cultivar, land preparation and the post-harvest treatment of sweet potato (*Ipomoea batatas*) tubers with botanical extracts on damage by the weevil *Cylas* spp. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra, Ghana. September 12 -16, 2011.*

Braimah, H., Issa, U.S., Ankomah, A.A., Manu-Aduening and **Osei, K.** (2011). The effect of land preparation and cultivar on yield and damage of sweet potato (*Ipomoea batatas*) by the sweetpotato weevil *Cylas* spp. in the Ashanti region of Ghana. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra, Ghana. September 12 -16, 2011.*

Fening, K.O., **Manu-Aduening, J., Lamptey, J.N., Adiyiah, B., Owusu-Akyaw, M., Mochiah, M.B., Amoabeng, B.W. and Arku-Bolfrey, G.** (2011). Impact of Cropping systems on *Bemisia tabaci* (Genadius) (Homoptera: Aleyrodidae) population in two ecozones in Ghana: Implications for the control of the African Cassava Mosaic Disease. *Paper presented at the West Africa Root & Tuber Crops Conference. Accra. Sept. 12-16, 2011.*

Lamptey, J.N.L. (2011). An overview of major diseases of tomato in Ghana. *Paper presented at the Integrated Pest Management (IPM) Collaborative Research Support Programme (CRSP) Tomato Disease and Insect Diagnostic Workshop. Accra. June, 20-24, 2011.*

Manu-Aduening, J., Bolfrey-Arku, G., Adjei Gyapong, T., Osei Sarfo, A. and **Aubyn, A.** (2011). Cassava Technology Transfer Through Farmer Field Fora: The Processes Used, Outcomes and Lessons Learnt from Ten Communities in Ghana. *Paper presented at the West Africa Root and Tuber Crops Conference. Accra, Ghana. Sept. 12 - 16, 2011.*

Manu-Aduening, J., Peprah, B.B., Bolfrey-Arku, G. and Aubyn, A. (2011). Breeding for Farmer-preferred Cassava Cultivars in Ghana. Recent Advances and Challenges. *Paper presented at West Africa Root and Tuber Crops Conference. Accra, Ghana. Sept. 12 - 16, 2011.*

Oppong, A., Umemura, Y., Moreta, D., **Quain, M.D., Adofo Boateng, P., Abrokwah, A.L. and** Ishitani, M. (2011). Detection of DREB gene homolog in cassava variety TM3B. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra, Ghana. September 12 -16, 2011.*

Osei, K., Otoo, E. and Danso, Y. (2011). Reaction of *Dioscorea rotundata* clones to parasitic nematodes infestation in Ghana. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra-Ghana. September 12 -16, 2011.*

Osei, M.K. and Asare, C.M. (2011). The state of Agricultural Research in Ghana. *Paper presented at a symposium of Korean Society of International Agriculture. South Korea (pp.113-122).*

Pfeiffer, D.G., Mullins, D.E., Gilbertson, R.L., Brewster, C.C., Westwood, J., Miller, S.A., Hipkins, P., Mbata, G., Gamby, K.T., Coly, E.V., Sall, D.S., **Osei, M.K.** (2011). IPM packages developed for vegetable crops in West Africa. *Abstracts of Special Session presentations, APS-IPPC Joint Meeting/Conference. Honolulu, Hawaii. August 6-10, 2011.*

Parkes, E.Y., Quain, M.D., Abrokwah, L.A., Agyeman, A. and Otoo, E. (2011). DNA fingerprinting of released *Dioscorea* varieties and some conserved accessions. *Paper presented at the West Africa Root and Tuber Crops Conference. Accra, Ghana. Sept. 12 - 16, 2011.*

Prempeh, R.N., Quain, M.D., Parkes, E.Y., Afriye-Debrah, C. and Humberto, G. (2011). Assessing genetic diversity in conserved cassava (*Manihot esculentum*) germplasm collections in Ghana using Simple Sequence Repeat (SSR) markers. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra-Ghana. September 12 -16, 2011.*

Quain, M.D., Adu-Gyamfi, M.O., Prempeh, R.N., Agyeman, A. and Otoo, E. (2011). Selection of Appropriate Media for In Vitro Rapid Multiplication of Three Released Yam Varieties in Ghana. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra-Ghana. September 12 -16, 2011.*

Quain, M.D., Appiah-Kubi, D., Dapaah, H., Prempeh, R.N. and Asafu-Agyei, J.N. (2011). Identification of Polymorphic EST SSR Markers for Released and Elite Sweetpotatoes. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra-Ghana. September 12 -16, 2011.*

Quain, M.D., Prempeh, R.N., Ribeiro, P.F. and Omenyo, L.E. (2011). Population Genetics of Nine Elite White and Pink Cocoyam varieties in Ghana. *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra-Ghana. September 12 -16, 2011.*

Ribeiro, P.F., Quain, M.D., Prempeh, R.N., Abrokwah, L., Agyeman, A., Aboagye, L. and Egnin, M. (2011). Identification of efficient molecular marker system (ISSR & RAPDs) for cocoyam (*Xanthosoma sagittifolium*, Linn, Schott). *Paper presented at the West Africa Root and Tuber Crops Conference. Mensvic Grand Hotel, Accra-Ghana. September 12 -16, 2011.*

Sagoe Regina (2011). Importance of Socio-economic assessments in the context of ecosystem services. *Presented at the Climate Change Predictions in Sub Saharan Africa: Impacts and Adaptation Training Workshop for Work Package 6 Scientists of CLIMAFRICA. Dakar-Senegal. June 6-15, 2011.*

Sagoe, R. and Lia C.F.A. Van Wesenbeeck (2011). Developing a Socioeconomic scenario. *Presented at the Climate Change Predictions in Sub Saharan Africa: Impacts and Adaptation Training workshop for Work Package 6 Scientists of CLIMAFRICA. Dakar-Senegal. June 6-15, 2011.*

Technical Reports

Bonsu, K.O., Ekyem, S.O., Osei, M.K., Lamptey, J.N.L., Adam, H., Atiso, J. and Boateng, M.K. (2011). Characterization of some Hot Pepper lines collected in Ghana: *A (final) Report submitted to Gesellschaft für Internationale Zusammenarbeit (GIZ).* pp16.

Obeng-Antwi, K., Ewool, M.B. and Martin Tengan. (2011). Final Report. Maize Variety Evaluation in Ghana. *Submitted to ACDI/VOCA ADVANCE (USAID) and other stakeholders including WIENCO, Pioneer Hi-Bred Company, and Seedco Zimbabwe.* Pp 17.

Obeng-Antwi, K., Ewool, M.B., Danso, F.C., Martin Tengan, Haruna Alidu and Abdulai, M.S. (2011). Development of extra-early, early and intermediate maturing drought tolerant varieties in Ghana in 2010. *Progress Report submitted to the Drought Tolerant Maize for Africa Project, IITA, Ibadan, Nigeria, March, 2011, 28 pp.*

Books and Book Chapters

Asibuo, J.Y. (2011). Seed Dormancy and Viability. In: *Biology and Breeding of Food Legumes.* (Pratap, A. and Kumar, J. Eds). CAB International (Publishers) Pp 376 -382

Danso, Y. (2011). Screening tomato germplasm for nematode resistance; the use of phenotypic and molecular markers. *Lambert Academic Publishing, Germany.* ISBN: 978-3-8443-8795-7. Available online at <http://www.getmorebooks.com>.

Osei, K. (2011). Leguminous Cover Crops in Nematode Suppression and Soil Improvement. *Lap Lambert Academic Publishing, Germany, 110pp.* ISBN: 978-3-8443-2719-9.

Osei, K. (2011). Managing Root Knot Nematodes with the African Marigold. *Lap Lambert Academic Publishing, Germany, 81pp.* ISBN: 978-3-8454-7595-0.

Osei, M.K. (2011) Tomato Yellow Leaf Curls Virus (TYLCV) Disease in Ghana. *LAP Lambert Academic Publishing GmbH & Co.KG, Dudweiler Landstr.99, 66123 Saarbrücken, Germany.* ISBN: 978-3-8443-9537-2

Quain Marian (2011). International movement of In vitro plants. Agricultural Biotechnology in Africa: Stewardship Case Studies. Created as part of the 'Strengthening Capacity for Safe Biotechnology Management in Sub-Saharan Africa' (SABIMA). (Laura Johnson, Walter S. Alhassan, Vivienne Anthony, Patrick Rudelsheim. Eds.). ISBN 978-9988-9373-4- 3 (print), ISBN 978-9988-9373-0-5 (pdf) pp. 23 – 26.

Quain Marian (2011). No need to panic when office data vanish: format for backing up. *Agricultural Biotechnology in Africa: Stewardship Case Studies*. Created as part of the 'Strengthening Capacity for Safe Biotechnology Management in Sub-Saharan Africa' (SABIMA). (Laura Johnson, Walter S. Alhassan, Vivienne Anthony, Patrick Rudelsheim, Eds.) ISBN 978-9988-9373-4- 3 (print), ISBN 978-9988-9373-0-5 (pdf) pp. 18 – 22.

Quain Marian (2011). Screenhouse plant labelling and product integrity. *Agricultural Biotechnology in Africa: Stewardship Case Studies*. Created as part of the 'Strengthening Capacity for Safe Biotechnology Management in Sub-Saharan Africa' (SABIMA). (Laura Johnson, Walter S. Alhassan, Vivienne Anthony, Patrick Rudelsheim, Eds.) ISBN 978-9988-9373-4- 3 (print), ISBN 978-9988-9373-0-5 (pdf) pp. 27 – 29.

Manual

Bonsu, K.O., Yeboah, E. and **Ekyem, S.O.** (2011). *Chillies for Export: A Production Manual*. Published by *GHIH and ADRA Ghana*. (Ben Banful, Ed.).

2012 PUBLICATIONS

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2016 PUBLICATIONS

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