

CURRICULUM VITAE

1. **Family name:** BANFUL
2. **First names:** Ben Kwaku
3. **Date of birth:**
4. **Nationality:**
5. **Civil status:**
6. **Email address..**
7. **Contact Address:**

Kumasi

8. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
University of Ghana, Legon, Ghana (2001-2006)	PhD (Agronomy)
University of Ghana, Legon, Ghana (1991-1994)	MPhil (Agronomy)
University of Cape Coast, Ghana (1984 - 1988)	B.Sc. (Honours) Agriculture; Diploma in General Education

9. **Language skills:** Indicate competence on a scale of 1 to 5 (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1
Akan (local language)	3	1	5
Ga (local language)	3	2	5

10. **Key qualifications:**

- Considerable (>20 years) experience with vegetable and fruit crops agronomic training and development. Has been consulting for Institutions and NGOs.
- Strong background in agro-based value chain development projects. Has over five years experience.
- Expert knowledge in vegetable and fruit crops post harvest systems. Has over 10 years experience.
- Expert knowledge in business plan development. Has been developing business plans for MiDA beneficiary farmers and prospective entrepreneurs since 2010.
- Considerable experience (> 20 years) in organising workshops, training farmers and processors in value-addition systems for MOFA Staff and Farmer-Based Organizations (FBOs).
- Developing and implementation of training programs, reporting and project management
- Exceptional organisational skills and strong facilitation and communication skills
- Considerable expertise in proposal writing for funding of projects in agriculture
- Expert in editing of scientific materials
- Good scientific writing skills

- Conversant with international reporting formats and requirements from international donor projects
11. **Other skills:** Computer literate and skilled in Microsoft Word, Microsoft Excel, Power Point, Statistical packages and internet tools
 12. **Present position :** Senior Lecturer (Vegetables & Fruits Agronomy), Kwame Nkrumah University of Science and Technology, Kumasi, Ghana
 13. **Past position:** Principal Research Scientist, (Vegetables & Fruits Agronomy), CSIR-Crops Research Institute, Ghana
 14. **Membership of relevant professional bodies and committees**
 - Member, International Society for Horticultural Science – 2009 to Present
 - Member, Fruits Commission of International Society for Horticultural Science – 2009 to Present
 - Member, Vegetables Commission of International Society for Horticultural Science – 2009 to Present
 - Ghana Institute of Horticulturists - National President (Sept., 2009 – Aug., 2011); National Vice President (Sept.,2007 – Aug., 2009); National Secretary (1999-2001)
 - Member, Public-Private Research Committee of Export Marketing and Quality Awareness Project – 2008 to 2011
15. **Academic/Professional Awards**
- Silver Category Award for Best PhD thesis (2004-2009) – Ghana Academy of Arts and Sciences
 - PhD fellowship award - International Institute of Tropical Agriculture, Nigeria, 2001 – 2005
 - M.Phil fellowship award - International Development Research Centre, Canada(DRC) Grant, 1991-1994
16. **Courses taught**
- Vegetable Crops Production – Degree III
- Minor Vegetable Crops Production – Degree IV
- Fruit Crops Production - Degree III
- Storage Technology of Perishable Crops I - Degree III
- Research Methods (Distance Learning Programme) - M.Phil. I
- Research Methods (SIRDA Programme) – M.Phil I
- Special Topics in Vegetables (Regular and Distance Learning Programmes)- M.Phil.

Horticultural Crop Physiology - M.Phil. I
Vegetable Crop Industry in Ghana - M.Phil. I
The Seed Industry - M.Phil. I
Principles of Crop Production - M.Phil
Quantitative Methods - M.Phil

17. Brief Relevant Professional experience

ate from -to	Location	Company	Position	Description
6 th – 27 th ept., and rd and 4 th ct., 2013	Kenyasi (Brong Ahafo region)	Department of Horticulture, of KNUST	Lead Trainer	Trained AILAP farmers' under the Agric and land Administration Unit of Newmont Gold Ghana Limited. Training in (i) conflict management and livelihoods (ii) Agroforestry for soil improvement and crop productivity
Feb. 2011 to April, 2012	Akwasiho (Eastern region)	Department of Horticulture, of KNUST	Consultant	Consulted for Adventist Development Relief Agency (ADRA-GHANA). Research into causes of low crop performance of exportable horticultural crops. Development of training manuals for training of Extension staff and beneficiaries of MiDA-supported farmers.
3 rd September to 8 th November , 2011	Nationwide , Ghana	Department of Horticulture, of KNUST	Team Leader	Led the National Select Team responsible for selecting the National Best Farmer for 2011 and National Best Livestock Farmer for 2011. Also responsible for selecting the Regional Best Farmers for all the 10 regions of Ghana. Funded by: Government of Ghana through the Ministry of Food and Agriculture
4 th September to 10 th November , 2010	Nationwide , Ghana	Department of Horticulture, of KNUST	Team member	Member of the National Select Team responsible for selecting the National Best Farmer for 2010 and National Best Livestock Farmer for 2010. Also responsible for selecting the Regional Best Farmers for all the 10 regions of Ghana. Funded by: Government of Ghana through the Ministry of Food and Agriculture
Oct. 2010 Present	Kumasi, Ghana	Department of Horticulture, of KNUST	Senior Lecturer	Teaching various course as listed in section 16. During teaching emphasis is placed on sustainability issues in the vegetable and fruit crops production aspects. Also emphasised is stakeholder engagement and participation towards the realization of outputs in a holistic manner. Students are taught to be development-oriented focusing on sustainable crop diversification strategies with its attendant markets exploration and exploitation.
2009 to	United	HortCRSP	International	Review international proposal for funding by

Present	States of America		Peer Reviewer	USAID under the Horticultural Collaborative Research Support Programme (HortCRSP)
2009 to 2011	Kumasi, Ghana	KNUST	Team Leader	Led the team responsible for development of an MSc programme in Innovative Natural Resource Management based on the principles of Integrated Natural Resource Management under the Project called "Institutionalization of Integrated Natural Resource Management Principles in Educational programmes". Funded by : NUFFIC, The Netherlands
		KNUST	Team Leader	Led the team responsible for development and implementation of a demand-driven short course on Natural Resource Governance based on the principles of Integrated Natural Resource Management. Periodic collaborative inputs from staff of Project Partners – ICRA, Wagenigen University etc.
2009 to sept. 2010	Kumasi, Ghana	KNUST	Lecturer	Teaching in Vegetable and Fruit Crops Production. Also teach Storage Technology of Perishable Crops During teaching emphasis is placed on sustainability issues in the vegetable and fruit crops production aspects. Also emphasised is stakeholder engagement and participation towards the realization of outputs in a holistic manner. Students are taught to be development-oriented focusing on sustainable crop diversification strategies with its attendant markets exploration and exploitation.
2009 to 2011	Kumasi, Ghana	KNUST	Team leader	Led the team responsible for the Organic Vegetable Research Programme under the Export Marketing and Quality Awareness Project. Research areas include; 1. Development of biologically efficient and profitable cropping and soil fertility-based systems for vegetables. 2. Development of income enhancing strategies through stakeholder engagement

				<p>for improving livelihoods of small scale vegetable farmers.</p> <p>Held consultations with stakeholders (producers, exporters, processors and marketers) through the private-public research committee to be abreast with issues of the export industry and strategized on possible interventions to address problems.</p> <p>3. Development-oriented strategies in the area of (i) value-addition for targeted and new market niches to improve incomes and stakeholder livelihoods (ii) crop diversification to explore new and emerging markets.</p> <p>Project Name: Export Marketing and Quality Awareness Project</p> <p>Project funded by : African Development Bank</p>
2008-2009	Volta Region, Ghana	CSIR-CRI	Trainer	<p>Consultant-trainer for the Millennium Development Authority (MiDA).</p> <p>Trained farmers by changing their mind set and employing good agricultural practices, value-chain concept and doing farming as a business.</p> <p>Assisted in preparation of business plans and accessing of credit for a total of 12 Farmer-Based Organisations in the Volta Region of Ghana.</p> <p>Under the Commercial Development of Farmer Based Organizations programme of the MiDA programme, I was a member of the Technical Training Service Provision (TTSP) Team that trained 210 producers/processors of vegetables and pineapple in the development of bankable and enterprise improvement business plans based on strategies, tactics and actions aimed at vision attainment/achievable business visions.</p> <p>Development oriented strategies included (i) strengthening linkages using the value chain concept to expand product base aimed at improving the market share of existing markets and exploring new markets through market information and intelligence (ii) focusing on value addition of commodity crops to enhance their marketability for improved income and livelihoods (iii)</p>

				<p>improving the capacity of the producers/processors/marketers to access credits and markets through providing them with the skills to prepare good business plans.</p> <p>Project Name : Commercial Development of Farmer Based Organizations (CDFO)</p> <p>Project funded by : Government of the USA</p>
06-2008	Central and Western Regions, Ghana	CSIR-CRI	Co-Team Leader	<p>Co-led the team that developed biologically efficient and profitable Coconut -Plantain Intercropping systems for small-holder farmers in the Central and Western regions of Ghana under the Government of France funded FSP project on “Developing alternative food crop – coconut intercropping systems for the coastal regions of Ghana”.</p> <p>Held consultations with farmers and other stakeholders in the Coconut industry to be abreast with problems of the industry and together designed possible interventions for production diversification for increased and sustainable income.</p> <p>Farmers were also trained in improved plantain production and post harvest systems.</p> <p>Development oriented strategies include (i) focusing on value addition of commodity crops to enhance marketability for improved income and livelihoods.</p> <p>Project Name: Developing alternative food crop – coconut intercropping systems for the coastal regions of Ghana</p> <p>Project funded by : Government of France</p>
15 th – 16 th September, 2008	Kenyasi (Brong Ahafo) region, Ghana	CSIR-CRI	Trainer	<p>Trained farmers and Extension Officers on plantain/banana fertilization for high and sustained yield under the Newmont Gold Ltd agricultural improvement programme.</p> <p>Value addition of plantains and bananas was keenly emphasized to enhance marketability of the crops for improved farmer income and livelihoods.</p> <p>Funding provided by: Newmont Gold (Gh) Ltd.</p>
006 to 2008	Eastern, Ashanti and Brong Ahafo	CSIR-CRI	Co-Team Leader	<p>Trained farmers and processors on production and post harvest systems associated with plantain and banana hybrids supplied to them under the</p>

	Regions, Ghana			<p>GATSBY/IITA/CSIR Musa Project on “Improving the delivery of superior plantain and banana hybrids and associated technologies to smallholders in Ghana”.</p> <p>Consultancy study under the GATSBY/IITA/CSIR Musa Project on “Post-harvest handling, processing, marketing trends and routes of plantain and bananas in Ghana”</p> <p>Value Chain analysis of plantains and bananas and exploring and exploiting new and emerging markets were issues highly emphasized to enhance marketability of the crops for improved farmer income and livelihoods.</p> <p>Project Name: Improving the delivery of superior plantain and banana hybrids and associated technologies to smallholders in Ghana.</p> <p>Project funded by : Gatsby Charitable Foundation, U.K</p>
26 th March - 5 th April, 2007	Koforidua (Eastern), Sefwi Wiawso (Western), Konongo (Ashanti) and Kenyasi (Brong Ahafo), Ghana	CSIR-CRI	Organiser and Trainer	<p>Trained stakeholders on using the Agricultural science technology and innovation (ASTI) system to improve production, processing and marketing of plantain. Participating stakeholders were farmers, traders, consumers, input dealers, transporters, NGOs and staff of the Ministry of Food and Agriculture (MOFA).</p> <p>Conducted stakeholder analysis of the plantain industry to improve its production, processing and marketing for the local and export markets.</p> <p>Development of innovative strategies which include (i) exploiting the benefits of the value chain concept to expand product base aimed at existing and new markets (ii) focusing on value addition of plantains to enhance its marketability for improved income and livelihoods.</p> <p>Project Name: Analyzing the Agricultural Science Technology and Innovation (ASTI) systems in ACP countries : The Ghana case study on plantains</p> <p>Project funded by : Technical Centre for Agricultural and Rural Cooperation ACP-European Commission (CTA)</p>
2006 to	Ashanti	CSIR-CRI	Team Leader	Planned, designed and executed the

2007	region, Ghana			<p>agronomic component of HarvestPlus Plantain/banana micronutrient Project on “evaluating the potential of banana and plantain diversity to improved human nutrition in West and Central Africa”.</p> <p>Development-oriented strategies included exploring the nutritional and health benefits of plantains and bananas through products development to improve the well being of the producers/processors/marketers and consumers</p> <p>Project Name: Evaluating the potential of banana and plantain diversity to improved human nutrition in West and Central Africa.</p> <p>Project funded by : HarvestPlus Challenge Programme / IPGRI through INIBAP (Bioversity International)</p>
March-April, 2001	Dominican Republic/ Costa Rica	CSIR-CRI / INIBAP	Team member	<p>Participated in a study visit on improving plantain/banana productivity: the transfer of Technology from Caribbean and Latin America to Africa. Team members visited large scale banana and plantain producers and interacted with them on their strategies for successful exports to the EU and USA markets.</p> <p>Study Visit Title: Improving plantain/banana productivity: the transfer of Technology from Caribbean and Latin America to Africa</p> <p>Study Visit funded by : INIBAP (Presently, Bioversity International)</p>
1994 to 2000	Ashanti, Western, Eastern, Brong Ahafo, Central, Volta Regions, Ghana	CSIR-CRI National Agricultural Research Project	Team member	<p>Planned, designed and executed research projects relating to plantain and banana agronomy.</p> <p>The work covered both sole crop plantain and banana and plantain intercropped with other food crops. The work comprised both on-station and on-farm trials in some of the major plantain growing ecological zones of Ghana. Also engaged in the development of appropriate methods of rapid multiplication of banana and plantain planting materials as well as the agronomic evaluation of plantain and banana hybrids for yield and adaptability to the local environment.</p> <p>1991 – 1994 - National Plantain Project funded by : International Development Research Centre (IDRC), Canada</p>

				1992 – 2000 - National Agricultural Research Projects (Plantain/Banana) 1 & 2 funded by : The World Bank
1998- Present	Ghana	Ghana Journal of Agriculture Science	Reviewer	<p>Reviewer of scientific papers in the following areas</p> <ul style="list-style-type: none"> (i) production and post harvest systems on plantain/banana, vegetables and fruits (ii) Crop-based agro-forestry systems (iii) Soil health and fertility systems (iv) Seed science (v) Agri-business
		Ghana Journal of Horticulture	Reviewer	
		Agricultural and Food Science Journal	Reviewer	
		West African Journal of Applied Ecology	Reviewer	
11- esent	Cameroon	Cameroon Journal of Experimental Biology	Reviewer	
	United Kingdom	Enterprising Communities: People and Places in the Global Economy	Reviewer	
	Netherlands	Agro-forestry Systems Journal	Regional Editor	
	Science Alert	American Journal of Plant Nutrition and Fertilization Technology	Regional Editor	
		Journal of Agronomy	Associate Editor	
		Trends in Horticultural Research	Regional Editor	
		International Journal of Agricultural Research		

		Research Journal of Seed Science	Regional Editor	
--	--	-------------------------------------	--------------------	--

16. Publications

Journal articles and edited conference proceedings

1. Abubakari, A.H., Atuah, L., **Banful, B.**, Bayor, H. (2015). Use of soil amendments for urban horticulture in the savanna and forest areas of Ghana. *Journal of Soil Science and Environmental management*, 6(3): 51-57.
2. Yeboah, J., **Banful, B.K.B.**, Amoah, F. M., Maalekuu. B.M., Boateng, P. Y. (2014). Weaning and field survival responses of propagules to propagating structures and seedling types in shea nut production in Tropical Africa. *American Journal of Plant Sciences*, 5, 2247-2255.
3. Yeboah, J., **Banful, B.K.B.**, Amoah, F.M., Maalekuu, B.K., Boateng, P.Y., Lowor, S.T. (2014). Rooting response of air-layered sheanut (*Vitellaria paradoxa*) trees to media and hormonal application under two different climatic conditions. *American Journal of Plant Sciences*, 5, 1212-1219.
4. Enyan, F., **Banful, B.K.B.**, Kumah, P. (2013). Physical and Organoleptic qualities of coffee bean under different drying methods and depths of drying in a tropical environment. *International Research Journal of Plant Science*, Vol. 4(9) pp. 280-287.
5. Adjaloo, M. K., **Banful, B. K.**, Oduro, W. (2013). Evaluation of Breeding Substrates for Cocoa Pollinator (*Forcipomyia* spp.) and Subsequent Implications for Yield in a Tropical Cocoa Production System. *American Journal of Plant Sciences*, 4, 204-211.
6. **Banful, B.K.** and B. Mochiah (2012). Biologically Efficient and Productive Okra Intercropped System in a Tropical Environment. *Trends in Horticultural Research*, 2:1-7.
7. Adjaloo, M. K., Oduro, W., **Banful, B. K.** (2012). Floral phenology of upper Amazon cocoa trees: Implications for reproduction and productivity of cocoa. *ISRN Agronomy*, 1-8.
8. **Banful, B.** and S. Hauser (2011). Changes in soil properties and nematode population status under planted and natural fallows in land use systems of southern Cameroon. *Agroforestry Systems Journal*, 82(3): 263-273.

9. **Banful, B.**, P.Y. Adjei and N.K. Achiaa (2011). Effect of seed drying on germination behaviour and seedling growth of sweetsop (*Annona squamosa*). *Journal of Agricultural Science and Technology*, 5 (4):443-447.
10. Mochiah, M.B., **B. Banful**, K.N. Fening, B.W. Amoabeng, K. Offei Bonsu, S, Ekyem, J.N.L. Lamptey, M. Owusu-Akyaw and H. Braimah (2011). Botanicals for the management of insect pests in organic vegetable production. *Journal of Entomology and Nematology* 3(6): 85-97.
11. Tueche, R., Hauser, S., **Banful, B.**, Cadisch, G. (2011). Influence of different plantain cropping systems on soil physical properties and plantain bunch yield. *Archives of Agronomy and Soil Science*, 57 (7): 789-803.
12. Adjei, P.Y., **B. K. Banful**, and I. A. Idun (2011). Seed Size and Seed Cut Length Effects on Germination Behavior and Seedling Growth of Avocado (*Persea americana* Merr.). *International Journal of Agricultural Research*, 1-7.
13. Adjei, P.Y., **B. Banful**, and Y.A. Asante (2011). Pre- seed treatment effects on avocado (*Persea americana* L) seedlings health and growth before side-grafting in Ghana. *Journal of Agricultural Science and Technology*, 5(3): 346-351.
14. Bortey, H. M., Olympio, N. S. and **Banful, B.** (2011). Quality of farmer- saved tomato seeds and its effect on fruit yield in Ghana. *Ghana Journal of Horticulture*, 9: 25-33.
15. Egyir, I.S., Owusu-Benoah, E., Anno-Nyako, F.O., **Banful, B.** (2011). Assessing the factors of adoption of agrochemicals by plantain farmers in Ghana. *Journal of Enterprising Communities: People and Places in the Global Economy*, 5(1): 83 - 97.
16. **Banful, B.**, Adjei, P.Y., I. A. Idun (2011). The influence of two pre and post-planting fungicides on the growth and fruiting of MD2 pineapple (*Ananas comosus* L. (Merr). *Agric. Biol. J. N. Am.*, 2(6): 876-879.
17. Egyir, I.S.; Owusu-Bennoah, E.; Anno-Nyako, F.O.; **Banful, B.** 2010 An analysis of the Agricultural Science, Technology and Innovation system for plantain (*Musa* spp.) in Ghana. *Acta Horticulturae (BEL)*, (879), p. 843-849.
18. Osei, M.K., **B. Banful**, C.K. Osei, M.O. Olouch (2010). Morphological characterization of African eggplants in some African Countries. *Journal of Agricultural Science and Technology*, 4: 33-37.

19. **Banful, B.**, Anno-Nyako, F.O., Bolfrey-Arku, G., Hemeng, O.B., Akyeampong, E. (2009). Sixteen Years (1991 – 2006) of Agronomic and Plant Health Research on Plantain in Ghana: Outputs and Impact on National Production. *Ghana Journal of Horticulture*, 7: 117-128.
20. Ennin S.A., **Banful, B.**, Andoh – Mensah, E., Issaka, R. N, Lamptey J. N., Dzomeku B.M., Aduening – Manu, J., Bolfrey- Arku, G., and Dery, S. K. (2009). Food crop intercropping alternatives for replanting coconut farms destroyed by lethal yellowing disease. *Journal on Food, Agriculture & Environment*, Vol. 7 (3&4): 581-587.
21. Baafi, E., Quansah, G. W., **Banful, B.**, and Mac-Amoo, E. E. E. (2009). Effect of different combinations of nitrogen and potassium on fruit yield and quality of MD-2 pineapple in the forest ecozone of Ghana *Ghana Journal of Horticulture*, 7: 35-43.
22. **Banful, B.**, Hauser, S., Ngo Kanga, F., Kumaga, F., Ofori, K. (2008). Soil population of *Helicotylenchus multicinctus* under *Pueraria phaseoloides*, *Flemingia macrophylla* and natural bush fallows and their effect on plantain yield in the humid forest zone of southern Cameroon. *Biological Agriculture and Horticulture*, 25: 209-221.
23. **Banful, B.**, Hauser, S., Ofori, K., Kumaga, F. (2008). Nematodes and weeds control effects of *Pueraria phaseoloides* and *Flemingia macrophylla* fallows on establishment, survival and yield of plantain. *West African Journal of Applied Ecology* 4:15-32.
24. **Banful, B.** Ofori, K., Kumaga, F, Hauser, S., Ndango, R. (2008). Decomposition and nutrient release patterns of *Pueraria phaseoloides*, *Flemingia macrophylla* and *Chromolaena odorata* leaf residue in tropical land use systems. *Ghana Journal of Agricultural Science*, 41: 11-22.
25. **Banful, B.**, Hauser, S. Ofori, K., Kumaga, F. (2007). Weed biomass dynamics in planted fallow systems in the humid forest zone of southern Cameroon. *Agroforestry Systems*, 71, 1: 49-55.
26. **Banful, B.**, Hauser, S., Kumaga, F., Ofori, K., Ndango, R. (2007). Decomposition and nutrient release patterns of *Pueraria phaseoloides* and *Flemingia macrophylla* under two rainfall regimes. *Agricultural and Food Science Journal of Ghana*, 6: 485-500.

27. Lamptey, J.N.L., Dzomeku, B.M., Anno-Nyako, F.O., **Banful, B.**, and d'Hughes, J. (2007). Banana streak disease survey in three plantain growing regions of Ghana. *International Journal of Virology*, 3, (2):96-99.
28. **Banful, B.**, A. Dzieror, I. Ofori, O.B. Hemeng (2000). Yield of plantain alley cropped with *Leucaena leucocephala* and *Flemingia macrophylla* in Kumasi, Ghana. *Agroforestry Systems*, 49:189-199.
29. **Banful, B.**, G.E.K. Bolfrey-Arku, K. Adu-Tutu, and J.S. Asante (1999). Response of False horn plantain to different plant densities and frequency of handweeding. *Ghana Journal of Agricultural Science*. 32:177-183.
30. **Banful, B.**, A. Dzieror, I. Ofori, O.B. Hemeng (1998). Nematode populations as influenced by *Leucaena leucocephala* and *Flemingia congesta* in an alley cropping system. *Ghana Journal of Agricultural Science*. 31:21-25.
31. Ahenkora, K., M.A. Kyei, E.K. Marfo, **B. Banful** (1996). Nutritional composition of False horn *Apantu pa* plantain during ripening and processing. *African Crop Science Journal*, Vol. 4. No. 2 : 243-247.
32. Oppong-Konadu, E.Y., **B. Banful**, F.O. Anno-Nyarko, E. Moses (2001). Characterisation and preliminary evaluation of local plantain (*Musa* spp, ABB group) landraces in Ghana. *Proc. of the Fourth Annual Steering Committee Meeting of MUSACO*, East Legon, Accra, Ghana. pp. 81-83. Editors: Ekow Akyeampong and Claudine Picq.
33. **Banful, B.** (1998). Production of plantain, an economic prospect for food security in Ghana. *Proc. of international symposium on Bananas and Food Security*, Douala, Cameroon, 10th -14th November, 1998. pp. 151-160. Editors: C. Picq, E. Foure and E.A. Frison.
34. Hemeng, O.B., **B. Banful**, D.K. Yeboah, E.K.S. Ahiekpor, R.S.B. Ferris (1995). Overview of Plantain Research in Ghana : 1991 – 1994. *Proc. of conference on Postharvest Technology and Commodity Marketing in West Africa*, Accra, Ghana, 2nd Nov to 1st Dec., 1995. pp. 140-148. Editor: R.S.B. Ferris.
35. Asafu-Agyei, J.N., K. Ahenkora, **B. Banful**, S. Ennin-Kwabiah (1995). Sustaining Food Production in Ghana: The role of cereal/legume-based cropping system. *Proc. of Regional Workshop on Technology Options for Sustainable Agricultural*

- Production in Sub-Saharan Africa, Ouagadougou, Burkina Faso. pp. 409-416.
Editors: T. Bezuneh, A.M. Emechebe, J. Sedgo, M. Ouedraogo.
36. Hemeng, O.B., **B. Banful**, J.K. Twumasi (1995). Plantain Production in Ghana. *Proc. of Regional workshop on Plantain and Banana Production and Research in West and Central Africa*, IITA, Nigeria, 23-27 September, 1995. pp. 39-42. Editors: R. Ortiz and M.O. Akoroda.
37. Peprah, S.A., Y.O. Amankwatia, **B. Banful** (1994). Effects of fallow on the growth and yield of a succeeding maize crop in rotation. *Proc. First National Workshop on Food and Industrial Crops*, Kumasi, Ghana, 25-27 October, 1994. pp. 106-111. Editors: E.V. Doku, J.J. Afuakwa and B. Banful.
38. **Banful, B.** and O.B. Hemeng (1993). Growth and yield of plantain under different planting dates and mulching materials in the forest zone of Ghana. *Proc. Second National Workshop on Root and Tuber Crops and Plantains*, Kumasi, Ghana, 21-22 October, 1993. pp 11-15. Editors: E.V. Doku and B. Banful.
39. Adu-Tutu. K., O.B. Hemeng and **B. Banful** (1993). Effect of hand weeding on the growth and yield of plantain: Preliminary results. *Proc. Second National Workshop on Root and Tuber Crops and Plantain*, Kumasi, Ghana, 21-22 October, 1993. pp 29-33. Editors: E.V. Doku and B. Banful.

Technical Reports

40. Ennin S. A., Dapaah, H.K. **Banful, B.** Adu-Dapaah, H. (2009) Agricultural Research Management Participatory Action Programme for CSIR-Crops Research Institute. Technical Report submitted to FARA/CORAF/WECARD and SCARDA, Dakar Senegal. Pp 15.
41. Dankyi, A. A., **Banful, B.**, Anno-Nyako, F. O., Dzomeku, B. M., Asafu-Agyei, J. N., Haleegoah, Joyce (2007) Post harvest handling, processing, marketing trends and routes of plantains and bananas in Ghana. Final Technical Report submitted to the Council for Scientific and Industrial Research (CSIR), for GATSBY Charitable Foundation Plantain Project. 47 pp.

42. Bennoah, E.O., I. Egyir, F.O. Anno-Nyako, **B. Banful** (2007). Analyzing the Agricultural Science Technology and Innovation (ASTI) Systems in ACP Countries : The Ghana case study on plantains. Final Technical Report submitted to CTA, Netherlands. 73 pp.
43. **Banful, B.** (2001). Status of Musa Production, Research and Development in Ghana : 1991-2000. Final Technical Report submitted to International Network for the Improvement of Banana and Plantain, West and Central Africa Office, Douala, Cameroon. 29 pp.
44. Hemeng, O.B., F.O. Anno-Nyako, B.M. Dzomeku, **B. Banful**, E. Moses, D.K. Yeboah and S.K. Darkey (2000). Goldfinger, Cooking bananas and Plantains Testing and Dissemination. Final Technical report (1996 – 2000) submitted to International Development Research Centre (IDRC). 15 pp.
45. Hemeng, O.B., F.O. Anno-Nyako, **B. Banful**, B.M. Dzomeku, E. Moses, J.N.L. Lamptey, A.A. Dankyi, D.K. Yeboah, J. Dennis, M. Asigri (1999) Release of two Musa hybrid varieties FHIA-21 (plantain) and FHIA-01 (banana) in Ghana. Final Technical Report submitted to National Varietal Release Committee, 27th October, 1999. 27 pp.
46. Hemeng, O.B., O-A. Danquah, **B. Banful** and B.M. Dzomeku (1999) NARP Plantain Research Programme : 1991 – 1999. Terminal Report submitted to National Agricultural Research Project (NARP), CSIR, Accra. 26 pp.
47. Hemeng, O.B., K.A. Oduro, I. Ofori and **B. Banful** (1995) Plantain Farming Systems Survey. Final Report submitted to National Agricultural Research Project (NARP), CSIR, Accra. 63 pp.
48. Hemeng, O.B. and **B. Banful** (1994) Plantain Development Project : 1991-1993. Final Technical Report Submitted to IDRC, Canada. 54 pp.

Technology-based Handbook for higher Education

49. Offei Bonsu, K., Nkansah, G.O., Lamptey, J.N.L., **Banful, B.**, Olympio, N.S., Agboka, M., Ekyem, S.O., Braimah, H., Monney, E., Gaveh, E., Ametefe, C., Bleppony, H., Quaye, E., Crentsil, D. (2013). Vegetable Production Manual. Export Marketing and Quality Awareness Project (EMQAP), MOFA. 60 pp.

50. **Banful, B.K.B.** (2013). Production of Plantain: The Use of Improved Technology for High and Sustainable Yields. Amanfrom farms Plantain Production Guide. 40 pp.
51. **Banful B.** (ed.) (2011). Chilies for Export. A Production and Postharvest Manual. 36 pp.
52. **Banful, B.** (2008). Fertilization for increased and sustained yield of plantain (*Musa spp.*AAB). A Reference Manual for Staff of the Extension Delivery System of Newmont Agricultural Project. 15pp.
53. Hemeng, O.B., B.M. Dzomeku, **B. Banful**, D.K. Yeboah, C.K. Osei, F.O. Anno-Nyako, J.N. Berchie, I.O.O. Ansah (2000). Steps to a good plantain production (applicable to banana production). A farmer Guide by the Plantain Improvement Project of Crops Research Institute, Kumasi. 20pp.
54. **Banful, B.** 1996. Morphology and Physiology of Plantain. CRI Crop Management Research Training Guide. No. 68.
55. **Banful, B.** 1996. Agronomy of Plantain. CRI Crop Management Research Training Guide. No. 69.
56. **Banful, B.** 1996. Rapid Multiplication of Plantain Suckers. CRI Crop Management Research Training Guide. No. 70
57. Asafu-Agyei, J.N. and **B. Banful** 1996. Plantain-based Cropping Systems. CRI Crop Management Research Training Guide. No. 76.

Other Professionally related experience

11th - 15th May, 2015 : Member of Committee to Review Ghana Seed Regulatory Framework in line with ECOWAS Seed Regulation.

19th - 22nd January, 2015 : Workshop on review of Ghana Seed Regulatory Framework in consonance with ECOWAS Seed Regulations, Best Western Premier Hotel, Accra.

2nd September, 2014 : Stakeholder Forum on the Establishment of University of Environment and Sustainable Development, International Conference Centre, GIMPA, Accra. Member of Discussant Group on Agriculture.

12th – 14th August, 2014 : Member of Accreditation team for the accreditation of the BSc Agronomy programme at Evangelical Presbyterian University College (EPUC), Ho.

25th - 27th June, 2014 : Member of Accreditation team for the accreditation of the BSc Agriculture (options; Crop Production, Animal Production, Horticulture, Agribusiness) programme at University of Energy and Natural Resources (UENR), Sunyani.

31st Jan. – 2nd February, 2014 : Workshop on the Africa Centres of Excellence (ACE) project, organised by West Africa Centre for Crop Improvement, University of Ghana, Legon.

16th January, 2014: Stakeholders Consultative meeting on Productivity and Profitability of Organic and Conventional Farming Systems (ProEcoOrganicAfrica) organized by *The ProEco OrganicAfrica Project*, University of Ghana, Legon.

14th November, 2013: Regional Outreach workshop on Skills Development Fund of COTVET, Takoradi. Sponsored by SDF-COTVET.

10th – 14th June, 2013: AGRA-WU training course on *Competence and skills training for PhD supervisors and established scientists – Rise to the Challenge*, at KNUST, Kumasi sponsored by AGRA.

22nd – 26th May, 2013 : BSU – GEP workshop on *Strategizing Outreach for Sustainable Agriculture and Aquatic products in Tanzania and Ghana* held at Bagamoyo, Tanzania sponsored by Danish Government.

5th – 9th July, 2010 : Web 2.0 Learning Opportunities held at KNUST, Kumasi and sponsored by CTA.

5th-8th Oct., 2009 : Integrated Natural Resource Management (Monitoring and Evaluation) held at Confidence Hotel, Santasi Anyinam, Ghana and sponsored by CANR/NUFFIC (NPT 278) Project.

June 2009 : Integrated Natural Resource Management (Concepts, principles and Applications) held at Kessben Travel & Tours Resort, Kuntense, Ghana and sponsored by CANR/NUFFIC (NPT 278) Project.

March, 2009 : Agricultural Research Management (Participatory Action Plan development) held in Bamako, Mali and sponsored by SCARDA, U.K.

Referees

1. Prof. Richard Akromah,
Provost, College of Agriculture and Natural Resources
KNUST, Kumasi.

2. Prof. Robert Abaidoo
Dean, School of Graduate Studies
KNUST, Kumasi.
3. Prof. Kwadwo Ofori,
Dean, School of Graduate and Research Studies
University of Ghana, Legon.