

(iii) Personal Information

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Hazzanat Nee IDOWU

Date of Birth: January 3, 1968

Place of Birth: Iboro

Age: 55 Years

Sex: Female

Marital Status: Married

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(vii) Rank: Senior Research Fellow

(viii) Designation: Senior Academic

(ix) Researchgate Address: <https://www.researchgate.net/profile/olabisi-hamzat>

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(xiii) Academic Qualification: B. SC., B. Agric., M. Agric., Ph.D

(xiv) Membership of Professional Bodies:

Member, International Society for Seed Science (ISSS)

Member, American Phytopathology, African Division

Member, World Congress on Root and Tuber Crops

Member, International Plant Protection Congress (IPPC)

Member, Mycological Society of Nigeria (MYCOSON)

Member, Agricultural Society of Nigeria (ASN)

Member, Nigerian Society for Plant Protection (NSPP)

Member, Nigerian Institute of Science Technology (NIST)

(xv) Award Received:

Fellowship Award in Educational Management (Institute of Corporate Administration of Nigeria)

Federal Government of Nigeria Postgraduate Scholarship Award (Ph.D.)

Regulars Club of Yewa, Ogun State of Nigeria

(xvi) Research Conducted:

1. Antagonistic potentials of *Trichoderma* spp. on *Colletotrichum graminicola* (Ces.)

Wilson in sorghum cultivars, 2021- 2023

2. Response of maize (*Zea mays* L.) cultivars to leaf blight and *Curvularia* leaf spot under application of Titanium dioxide in forex- savanna transition agro ecological zone of Nigeria, 2020- 2022

3. Identification and development of novel drugs from medicinal plants in Dutsinma district of Katsina (TETFUND/FUDMA Research grant, 2016-18).

4. Performance and egg quality characteristics of Quail fed *Pleurotus sajor- caju* fermented cowpea waste meal (TETFUND/FUDMA Research grant, 2015-16)

5. Distribution, yield loss and control of stalk rot of maize in South West Nigeria, 2011 – 2013

6. Field evaluation of Hybrid Maize genotypes for their reaction to fungal pathogens (M12-06 Hybrid Maize Trial - Yellow) IAR& T Research Collaboration, Location – 48, 2012 – 2014 funded by IITA

7. Adaptive research- different crops grown on IFSERAR farms (2010-2014)

8. Evaluation of selected Roselle (*Hibiscus sabdariffa* L.) cultivars for adaptation to the savanna transition ecological zone of Nigeria (TETFUND/IFSERAR Research grant, 2014)

9. Management of maize rots under different soil amendments in the savannah transition zones of Nigeria (Funded through IFSERAR Research Grant, Ref. UNAAB/IFSERAR/IRG 62, 2011)

10. Evaluation and management of sorghum anthracnose caused by *Colletotrichum graminicola* in savanna transition zones of south west Nigeria, 2006-2009

11. Multiplication trial on sorghum in south western Nigeria (2001-2006)

(xvii) Conferences Attended:

1. Hamzat O. T. H., Adebisi M. A., Adebayo, B. A., & Ajayi, A. M. (2023). In-Vitro Assessment of Seeding Vigour and Fungal Pathogens Associated with Kenaf Genotypes. Being paper presented at the 48th Annual Conference of the Nigerian Society for Plant Protection (NSPP), Bayero University, Kano, Nigeria, held between 14th - 18th May, 2023

2. Hamzat, O. T. H., Labaeka, A. L., Aderibigbe, S. G., Salau, A. W. & Atayese, M. O. (2022). Mycorrhizal activity on upland rice cultivars (*Oryza sativa* L.) as influenced by nitrogen sources and rates in a derived savanna Agro-Ecology. Being paper presented at the 47th Annual Conference of the Nigerian Society for Plant Protection (NSPP), Federal University of Agriculture, Abeokuta, Nigeria, held between 13th -17th March, 2022

3. Hamzat, O. T. H., Ajayi, A. M. & Aromolaran, A. K. (2021). Survey for the incidence of Taro blight in selected Local Government Areas of Ogun state. Being paper presented at the 47th Annual Conference of the Nigerian Society for Plant Protection (NSPP), Federal University of Technology, Owerri, Nigeria, held between 14th – 17th March, 2021

4. Salati, L.K. & Hamzat, O.T.H. (2019). Mining and Agriculture: Exploring the Potentials of Farming in Reclamation. Paper presented at the 19th Annual General Meeting & International Conference of the Nigerian Society of Mining Engineers (NSME), Olusegun

Obasanjo Presidential Library, Abeokuta, Nigeria, between October 29th and November 1st, 2019

5. Hamzat, O.T.H., I. O. Lawal & Ojo, B.A. (2018). Influence of Organic and Inorganic Fertilizer Application on the management of Fusarium stalk/ear rots of in Savannah transition zones of Nigeria. Paper presented at the 43rd Annual Conference of the Nigerian Society for Plant Protection (NSPP), University of Ibadan, Nigeria, between April 22nd and 26th, 2018

6. Hamzat, O. T. H., Soremi, P.A. S. & Gwa, V. I. (2018). Management of Anthracnose in cowpea (*Vigna unguiculata* L. Walp) caused by *Colletotrichum lindemuthianum* (Sacc and Magn) Bri and Cav. by foliar applications of Calcium, Phosphorus and Sulphur. Paper presented at the 43rd Annual Conference of the Nigerian Society for Plant Protection (NSPP), University of Ibadan, Nigeria, between April 22nd and 26th, 2018

7. Gwa, V. I., Nwakiti, A. O. & Hamzat, O. T. H. (2018). Antimicrobial activity of five plant extract and synthetic fungicide in the management of postharvest pathogens of yam (*Dioscorea rotundata* Poir) in storage. Paper presented at the 43rd Annual Conference of the Nigerian Society for Plant Protection (NSPP), University of Ibadan, Nigeria, between April 22nd and 26th, 2018

8. Hamzat, O.T.H. & Lawal, I.O. (2016). Studies on the incidence and control of southern blight caused by *Sclerotium rolfsii* in *Colocasia esculenta* (L) Schott. Being paper presented at the World Congress on Root and Tuber Crops, Nanning/Guangxi, China, between January 18th and 23rd, 2016

9. Hamzat, O.T.H. & Lawal, I.O. (2015). The effect of different rates of fertilizer on concentric ring spot of sweet potato (*Ipomea batatas* L.) induced by *Septoria bataticola* Taubenhaus. Paper presented at the 40th Annual Conference of the Nigerian Society for Plant Protection (NSPP), Raw materials Research Institute, Abuja, Nigeria, between March 17th and 21st, 2015

10. Hamzat, O.T.H., Lawal, I.O. & Ogunronbi A. A. (2014). Disease incidence and effects of fungicides on the control of stalk rot of maize caused by *Fusarium moniliforme*

and *Macrophomina phaseolina* in vitro. ID 1330. Being paper presented at the 18th International Plant Protection Congress (IPPC), Berlin, Germany, between 24th and 27th, August, 2015.

11. Idowu, O.T.H., M. Kadiri & Ademolu, O. O. (2014). Identification of moulds associated with fruits spoilage in some selected markets in Lagos, Ogun and Oyo States, South West Nigeria. Paper presented at the 39th Annual Conference of the Nigerian Society for Plant Protection (NSPP), Ladoke Akintola University of Technology, Ogbomoso, Oyo State, Nigeria, between 24th and 27th March, 2014

12. Idowu, O.T.H., Lawal, O.I., Olaiya, A.O. & Busari, M.A. (2013). Effects of organic soil amendments on the incidence of stalk rot of maize. Paper presented at the Institute of Food Security, Environmental Resources and Agricultural Research (IFSERAR Seminar), Federal University of Agriculture, Abeokuta, on the 23rd of May, 2013.

13. Idowu, O. T. H., A. M. Salaam & Fatai. S. O. (2013). Investigation on the microorganisms associated with harvested yam (*Dioscorea rotundata*) tuber rot in south west Nigeria. Paper presented at the 38th Conference of NSPP, Michael Okpara University of Agriculture, Umudike, between 10th and 14th March, 2013

14. Idowu, O.T.H., A.R. Popoola, A.M. Salaam & Adeoti. A.Y.A. (2012). Effect of Anthracnose on the grain yield of sorghum (*Sorghum bicolor* (L) Moench) cultivars grown in forest –savannah transition zone of South-western Nigeria. Paper presented at the 37th Conference of NSPP, Federal University of Agriculture, Abeokuta, between 6th and 10th May, 2012

15. Adegboye, O.T.H., A.Y.A. Adeoti, A.R. Popoola & Akintobi, D. C. (2008). Reaction of sorghum genotypes to Anthracnose induced by *C. graminicola* (Ces.) Wilson under derived savanna zone of Nigeria. Paper presented at the 35th Conference of NSPP held in Niger Delta University, Wilberforce Island, Bayelsa State. 9th – 14th November, 2008

16. Adegboye, O.T.H., A.Y.A. Adeoti, A.R. Popoola & Osunlaja, S.O. (2006). Evaluation of sorghum cultivars for reaction to *C. graminicola* under rainfed field conditions in

South Western Nigeria. Paper presented at the 33rd Conference of NSPP held in A.B.U., Zaria. Between 7th and 11th May, 2006

17. Adegboye, O.T.H. & Adeoti A.Y.A. (2005). In - vitro evaluation of fungicides for sensitivity to *Colletotrichum graminicola*. Paper presented at the 32nd Conference of NSPP held in Port-Harcourt. May 15th- 20th, 2005

18. Akintobi Dupe & Adegboye, O.T.H. (2004). Screening cowpea genotypes for Resistance to Bacterial blight caused by *Xanthomonas vignicola*. Being a paper presented at the 31st Annual Conference of NSPP held at the University of Agriculture, Makurdi. February 22nd – 26th, 2004

19. Adegboye, O.T.H. & Adeoti, A.Y.A. (2004). Study on control of Anthracnose in sorghum, *S. bicolor* (L) Moench , cultivars in south western Nigeria. A paper presented at the 31st Annual Conference of NSPP held at the University of Agriculture Makurdi, February 22nd – 26th, 2004.

20. Adegboye, O.T.H., S.O. Osunlaja, A.Y.A. Adeoti & Olanite, J.A. (2002): Effect of crop mixture on yield, incidence and severity of stalk rot disease of maize *Zea mays*) caused by *Macrophomina phaseolina*. 30th NSPP Conference paper presented at the University of Agriculture, Abeokuta. Sept. 1st- 4th, 2002

21. Adeoti A.Y.A., Adegboye, O.T.H. & Akinola, W.O. (2002). Effects of planting dates on the incidence severity of leaf spot diseases of sorghum in Alabata. Paper presented at the 30th Annual Conference of NSPP held at the University of Agriculture, Abeokuta. Sept. 1st- 4th, 2002

22. Idowu, O.T.H. & Osunlaja, S.O. (2000). Effects of insecticide application and cropping system on the incidence and severity of Lamb's tail pod rot disease of cowpea induced by *C. cucurbitarum*. 28th Nigerian Society for Plant Protection (NSPP) conference paper presented at Cocoa Research Institute, Ibadan. Sept. 24th- 28th, 2000

(xviii) Publications:

1. Idowu, O. T. H. & Osunlaja, S. O. (1999). Effects of crop mixture on yield, incidence and severity of stalk rot disease of maize (*Zea mays*) caused by *Fusarium moniliforme*.

Nigerian Journal of Plant Protection, 18: 96- 109. Published by the Nigerian Society for Plant Protection.

2. Osunlaja, S.O., Idowu, O. T. H. & Okeleye, K.A. (2000). Effect of variety, intercropping and insecticide application on cowpea Lamb's tail pod rot disease (*Choanephora cucurbitarum*). Nigerian Agricultural Journal, 31: 57-66. Published by the Agricultural Society of Nigeria.

3. Kadiri, M., Kehinde, I. A. & Adegboye, O.T. H. (2006). Responses of *Lentinus subnudus* Berk to varying pH and photoperiods. Nigerian Journal of Science, 40: 86-91. Published by the Science Association of Nigeria.

4. Kadiri, M. and Adegboye, O. T. H. (2006). Antinutrient, Mineral element and Phytochemical contents of *Lentinus subnudus* an indigenous Nigerian mushroom. Biological and Environmental Journal for the tropics, 3: 132-134. Published by the Department of Biological Sciences, Faculty of Science, Bayero University, Kano, Nigeria.

5. Adegboye, O.T.H., A.R. Popoola, A.Y.A. Adeoti and F.O. Olasantan. 2011. Effect of Intercropping, Planting Date and Cultivars on Management of Sorghum {*Sorghum bicolor* L. (Moench)} Anthracnose in South West Nigeria. Journal of Agricultural science Technology A (Earlier title: Journal of Agricultural Science and Technology, ISSN 1939-1250/ISSN 2161-6256, U.S.A), volume 1 (7): 963-971. David Publishing Company, United State of America.

6. Idowu, O. T. H., Popoola, A. R., Adeoti, A. Y. A. & Salaam, A. M. (2011). Reaction of sorghum, *Sorghum bicolor* (L) Moench cultivars to *Colletotrichum graminicola* (Cesati) Wilson in South- west Nigeria. Nigerian Journal of Plant Protection, 25: 43- 54. Published by the Nigerian Society for Plant Protection

7. Showemimo, F. A., Gregorio, G., Olowe, V. I. O., Ukwungwu, M. N., Maji, A. T.,

Adigbo, S. O., Olaoye, O. J., Akintokun, P. O., Bodunde, J. G., Idowu, O. T. H and Awe, C. A. 2011. Varietal release: Release of two dual purpose of Ofada rice varieties (FUNAABOR- 1 and FUNAABOR- 2) by Federal University of Agriculture, Abeokuta (FUNAAB). Journal of Agricultural Science and Environment, volume 11(2): 122- 123. Published by the Federal University of Agriculture, Abeokuta, Nigeria

8. Owolade, O. F., Dixon, A. G. O., Idowu, O. T. H., Akande, S.R., Olakojo, S.A., Afolabi, C. G., Tedela, P. O., Popoola, A. R., Adeoti, A.Y.A., Enikuomehin, A. O. & Aduramigba-Modupe, F. (2012). Molecular Identification of *Colletotrichum gloeosporioides* f. sp. *manihotis* causing cassava anthracnose in Nigeria. Nigerian Journal of Genetics, 26: 127-140. Published by the Genetics Society of Nigeria

9. Idowu, O. T. H., Salaam, A. M., Popoola, A. R. & Adeoti, A.Y.A (2012). In vitro Assessment of Fungicides for the control of Sorghum anthracnose induced by *Colletotrichum graminicola* (Cesati) Wilson. Nigerian Journal of Mycology, 4: 76-83. Published by the Mycological Society of Nigeria, www.njm.org

10. Idowu, O. T. H., Popoola, A. R. and Salaam, A.M. (2012). Effect of anthracnose on grain yield of sorghum (*Sorghum bicolor* (L) Moench) cultivars grown in forest- savanna transition zone of south- western Nigeria. Nigerian Journal of Plant Protection, 26: 66-74. Published by the Nigerian Society for Plant Protection

11. Idowu, O.T.H., Popoola, A. R. & Salaam, A. M. (2012). Effect of seed dressing fungicides on anthracnose incidence, severity and grain yield of sorghum cultivar Ex- Minna in forest- savanna transition zone of south- western Nigeria. Nigerian Journal of Plant Protection, 26: 126 - 133. Published by the Nigerian Society for Plant Protection

12. Hammed, L. A., Olaiya, A. O., Lawal, I. O., Idowu, O. T. H. & Aiyelaagbe, I. O. O. (2012). Effect of some bean characters on germination and seedling growth of cocoa (*Theobroma cacao*, L.). Nigerian Journal of Horticultural Science, 17: 126 - 134. Published by the Horticultural Society of Nigeria (HORTSON)

13. Idowu, O. T. H., Kadiri, M. & Lasisi, T. S. (2013). Effect of Photoperiods and PH on mycelial

growth and fructification of *Pleurotus sajor- caju*. *Nigerian Journal of Mycology*, 5: 45- 52.

Published by the Mycological Society of Nigeria, www.njm.org

14. Fadimu, O.Y., Idowu, O.T.H. and Ipinlaye, S.J. 2014. Studies on the Dormancy and Germination of stony fruits of Hog plum (*Spondias mombin*) in response to different pre - soaking treatments. *International Research Journal of Biological Sciences*, vol. 3(6):57-62. Published by the International Science Congress Association

15. Popoola, A. R., Ganiyu, S. A., Babalola, O. A., Ayo-John, E. I., Fajimi, A. A., Kehinde, I. A. & Adegboye, O.T. H. (2014). Impact of soil amendments and weather factors on bacterial wilt and yield of two tomato cultivars in Abeokuta, Nigeria, *South African Journal of Plant and Soil*, volume 31:4, pages 195 - 201, DOI:

10.1080/02571862.2014.966339, Published by Taylor and Francis UK, Indexed in Scopus

16. Fadimu, O.Y., O.T.H. Hamzat, A. A. Ajiboye, S.J. Ipinlaye, L.D. Fagwalawa, O.I. Mohammed, A.A. Bem and J.A. Bawa. 2014. Effect of Coconut milk and Benzyl

Amino purine on the vegetative growth, nutritional and chemical constituent of *Amaranthus hybridus* Linnaeus seedlings. *Global Journal Science Frontier Research: C, Biological Sciences*, vol.14 Issue 3(Ver. 1.0):33-39. Published by the Open Association of Research Society

17. Hamzat, O. T. H. (2014). Investigations on the fungi associated with yam (*Dioscorea rotundata*) tuber rot in south West Nigeria. *Nigerian Journal of Mycology*, 6: 117-124. Published by the Mycological Society of Nigeria, www.njm.org

18. Hamzat, O. T. H., Ajiboye, A. A. & Fadimu, O. Y. (2015). Effect of Arbuscular Mycorrhizal (*Glomus intraradices*) inoculation on Seed germination and Seedling growth of Bambara groundnut (*Vigna subterranea* (L). *Federal University Dutsin-Ma Journal of Agric. and Agric. Tech*, 1(1): 31-36. Published by the Federal University, Dutsinma, Katsina, Nigeria. www.fudutsinma.edu.ng

19. Hamzat, O. T. H., Lawal, O. I. & Ogunrombi A. (2016). Efficacy of some fungicides in the control of fungal stalk rot of maize (*Zea mays*) caused by *Fusarium moniliforme* and

Macrophomina phaseolina. Nigerian Journal of Mycology, 8: 66-77. Published by the Mycological Society of Nigeria, www.njm.org

20. Gwa, V. I., Nwakiti, A. O. and O. T. H. Hamzat. 2018. Antimicrobial activity of five plant extracts and synthetic fungicide in the management of postharvest pathogens of yam (*Dioscorea rotundata* Poir) in storage. Academia Journal of Agricultural Research, 6(6): 165-175. DOI:10.15413/ajar.2018.0123. ISSN:2315-7739. www.academiapublishing.org/journals/ajar

21. Hamzat, O. T. H., Lawal, O. I. & Ojo, B. A. (2018). Influence of Organic and Inorganic fertilizer on the Management of maize *Fusarium* stalk/ear rots in the savanna transition zones of Nigeria. Nigerian Journal of Mycology, 10: 59 - 70. Published by the Mycological Society of Nigeria, www.njm.org

22. Hamzat, O. T. H., Soremi P. A. S. & Gwa, V. I. (2020). Effects of foliar application of Calcium, Phosphorus and Sulfur on cowpea (*Vigna unguiculata* L. Walp) anthracnose caused by *Colletotrichum lindemuthianum* (Sacc and Magn) Bri and Cav. Nigerian Journal of Mycology, 12: 68 - 81. Published by the Mycological Society of Nigeria, www.njm.org

23. Ajayi, A. M., Hamzat, O. T. H. & Oladele, O. O. (2021). Hot water treatment enhanced rapid germination of Cane setts and reduced the incidence of Pineapple disease {*Ceratocystis paradoxa* (Dade) Moreau} significantly. Middle East Journal of Agriculture Research, 10 (4): 1105 - 1115. Published by Agricultural & Biological Division, National Research Centre, Faisalabad, Punjab, Pakistan,

Middle East Journal of Agriculture Research, DOI: 10.36632/mejar/2021.10.4.75
not Indexed

24. Hamzat, O. T. H., Ganiyu, S. A., Obembe, O. M., Ajayi, A. M. & Owolade O. F. (2022). Response of maize (*Zea mays* L.) cultivars to leaf blight and *Curvularia* leaf spot under application of titanium dioxide in forest – savanna transition agro ecological zone of Nigeria. Archives of Phytopathology and Plant Protection, 31(4):195-201, DOI: 10.1080/02571862.2014.966339, Published by Taylor and Francis UK, Indexed in Scopus

25. Akinbule, A.O., Salau, A. W., Makinde, E. A. Hamzat, O. T. H. & Olaiya, A. O. Time of intercropping of egusi melon with pepper species on growth and yields (2023).

International Journal of Vegetable Science, 29(1):3- 15, DOI:

10.1080/19315260.2022.2077879, Published by Taylor and Francis UK, Indexed in Scopus

26. Ganiyu, S. A., Yassah, R. J., Hamzat, O. T. H. & Popoola, A. R. 2023. Assessing the efficacy of plant extract treatment for controlling tuber soft rot caused by *Pectobacterium carotovora* subsp. *carotovora* in sweet potato tubers. *Indian Phytopathology (IPPJ)*, Published by Springer. <https://doi.org/10.1007/s42360-023-00657-2>, Indexed in Scopus

(c) Journal articles accepted for publication

27. Lawal, O.I., Oyedokun, O.A., Hamzat, O.T.H. & Osipitan, A.A. (2023). Response of Roselle (*Hibiscus sabdariffa* L.) varieties to fertilizer type and rates in two agro-ecologies of southwest Nigeria. *Annals of Tropical Research*, 45 (1): in press, Published by Visayas State University, Philippines (letter of acceptance dated 20th of April, 2023)

(d) Technical Reports/Exhibition Reports/Patents

Participation in Variety release (Patents):

28. Showemimo, F.A., Gregorio, G., Olowe, V.I.O., Ukwungwu, M.N., Maji, A.T. Adigbo, S.O., Olaoye, O.J., Akintokun, P.O., Bodunde, J.G., Idowu, O.T.H & Awe, C.A. (2011).

Participation in the release of dual purpose Ofada rice variety by Federal University of Agriculture, Abeokuta (FUNAAB). FUNAABOR-1 (Ofada Gold) released, registered and commercialized.

29. Showemimo, F.A., Gregorio, G., Olowe, V.I.O., Ukwungwu, M.N., Maji, A.T., Adigbo, S.O., Olaoye, O.J., Akintokun, P.O., Bodunde, J.G., Idowu, O.T.H & Awe, C.A. (2011).

Participation in the release of dual purpose Ofada rice variety by Federal University of Agriculture, Abeokuta, FUNAABOR- 2 (Ofada White) released, registered and commercialized.

(e) Books/Monographs and Chapters in Books

30. Lawal, O. I., Atayese M.O., Oyekanmi, A. A., Afuwape, S.O., Sakariyawo, O.S., Olaiya, A. O., Idowu, O.T.H. & Aiyelaagbe, I. O. O. (2015). Nutrient uptake and tuber yield of exotic sweet potato cultivars under organic soil management systems in Abeokuta Southwestern Nigeria. Potato and Sweet potato in Africa; Transforming The Value Chains for Food and Nutrition Security. Chapter 42: Pp.1-12. Published by African Potato Association (APA) Kenya, www.africanpotatoassociation.org

(f) Edited Papers in Refereed Conference Proceedings

31. Lawal, O. I., Atayese, M. O., Oyekanmi, A. A., Sakariyawo, O. S., Adeyemi, O. R., Aderibigbe, S. G., Busari, M. A. & Idowu, O. T. H. (2011). Performance of white yam (*Dioscorea rotundata* Poir.) cultivars in yam/sweet potato intercrop in Ogun state, Nigeria. Proc. 2nd Techn. Workshop of the Organic Agric. Network (NOAN), Akinrinde, E. A. & Yekinni, O. T. (Eds.), National Horticultural Research Institute, Ibadan, Nigeria. 12th- 16th September, Pp 7-12.

32. Popoola, A. R., Adekola, O. K., Awotide, O. G., Owolade, O. F., Afolabi, C. G., Ganiyu, A. S., Idowu, O. T. H., Fajimi, A. A. & Kehinde, I. A. (2012). Resistance to Anthracnose (*Colletotrichum gloeosporioides*) in tissue cultured white guinea yam *Dioscorea rotundata*. Proceedings of the 46th Annual Conference of the Agricultural Society of Nigeria “ Kano 2012” 5th - 9th November, Jibrin, J. M., Hussain, M. A., Auroalu, B. M., Essiet, E. U., Muhammad, I. R., Muhammed, S. G., Daneji, M. I., Garba, Y. & Pantami, S. A. (Eds.). Pp 649 - 652.

33. Hamzat, A. R., Sabo, M.N., Adebowale, T. & Hamzat, O.T.H. (2016). Effect of feeding fermented cowpea husks on the performance of growing Japanese Quails. Proceedings of the 1st International Conference on quail and lesser-known poultry, Odunsi, A. A., Ademola, S. G., Rafiu, T. A., Ojebiyi, O. O & Akinwumi, A. O. (Eds.). Published by the World’s Poultry Science Association Nigeria Branch in Collaboration with Faculty of Agricultural Sciences, Ladokpe Akintola University of Technology, Ogbomoso, Nigeria.

34. Lawal, O. I., Sanni, S. A., Osipitan, A., Olaiya, A. O., Hamzat, O. T. & Charles, O. F. (2019). Relative Agronomic and Yield Efficiency of sweet potato (*Ipomea batatas* L.) grown with

different compost in Abeokuta Southwest Nigeria. Proceedings of the 2019 Conference of African Potato Association (APA) held in the Kigali Convention Center from 25th – 29th August 2019

35. Salati, L. K. & Hamzat, O. T. H. (2019). Mining and Agriculture: Exploring the Potentials of Farming in Reclamation. Book of Proceedings of the 19th International Conference, Nigerian Society of Mining Engineers (NSME) held in Abeokuta between 29th October and 1st November, Yaro, S. A. & Oyeladun, O. A. W. (Eds). Published by the Nigerian Society of Mining Engineers, ISBN 1117 - 4307, Pp. 12 - 21