

PROFILE OF PROFESSOR ADENIYI ADEBOWALE SORETIREi. Brief

Biography

Prof. Adeniyi Adebowale SORETIRE is a Professor of Soil Microbiology in the Department of Soil Science and Land Management, Federal University of Agriculture, Abeokuta (FUNAAB), Ogun State, Nigeria. He obtained his B. Agric. and M. Agric. degree from the University of Agriculture, Abeokuta in 1995 and 2000, respectively. He bagged his doctorate degree from the Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria, in 2010.

He began his teaching and research career at the University of Agriculture, Abeokuta as Graduate Assistant in 1999 and rose through the ranks to become a Professor of Soil

Microbiology on October 1, 2020. He had his postdoctoral fellowship with the Department of Soil Science, University of Manitoba, Canada in 2012. He was a visiting Professor at the University of Nigeria, Nsukka from 2018 – 2020.

Professor Soretire has served the University in several capacities including: Supervisor and Programme Coordinator -Teaching and Farm Management Committee (Farm Practical Year programme), 1999-2007 and 2007– 2010, respectively; Departmental Coordinator – Part Time Degree Programme, 2014-2017; Project Treasurer and Coordinator - Community Organic Box Scheme, 2014-2016 and 2017 – 2018, respectively; College Representative – ICTREC

Committee, 2014-2018; Member – College Committee on Examination Results, 2014-2018; Postgraduate Programme Coordinator – Department of Soil Science and Land Management, 2021 to date. He is involved in research and supervision of students at both undergraduate and postgraduate levels and has been Postgraduate School Representative at Examination Panels from time to time. He is currently the Chairman, Publication Committee of the College of Plant Science and Crop Production and the Alternate Chairman, Local Organizing Committee of the 1st annual Conference of the College of Plant Science and Crop Production held between July 30th and 1st August, 2023.

Professor A. A. Soretire has published many articles in both local and International journals and attended conferences, workshops and training programmes in Canada and United States of America among others. He is a Registered Soil Scientist with the Nigerian Institute of Soil Science (NISS) and a member of several professional bodies. He is married to Dr.Eyitayo Aderonke Soretire, and they are blessed with children.

ii. Passport Photograph:



iii. Personal Information:

Name: Soretire Adeniyi Adebowale

Sex: Male

Marital Status: Married

Nationality: Nigerian

Town and State of Origin: Abeokuta, Ogun State

iv. Department: Soil Science and Land Management.

Federal University of Agriculture, Abeokuta

v. Email Address: soretireaa@funaab.edu.ng ; soretirea@gmail.com

vi. Phone Number: 08033579370, 08150917176,

vii. Rank: Professor

viii. Designation: Professor

ix. Researchgate Address: <https://www.researchgate.net/profile/Adeniyi-Soretire>

x. LinkedIn Address: <https://www.linkedin.com/in/adeniyi-soretire-a4b7522b>

xi. Google Scholar profile: <https://scholar.google.com/citations?view>

xii. ORCID Number: <https://orcid.org/0000-0003-1297-3478>

xiii. Qualification: Ph.D.

xiv. Membership of Professional Bodies: Soil Science Society of Nigeria (SSSN) Nigeria
Institute of Soil Science (NISS)

Biochar Initiative of Nigeria (BIN)
Organic Agriculture Project in Tertiary Institution in

Nigeria (OAPTIN)
International Society for Organic Agriculture Research

(ISOFAR)

Soil Science Society of America (2013)

American Society of Agronomy (2013)

Crop Science Society of America
(2013) Canadian Society of Soil
Science (2012)

- xv. Award Received:** A.G. Leventis (Egba) Scholarship Award
(Postgraduate – Ph.D) - 2001
A.G. Leventis (Egba) Scholarship Award
(Postgraduate -M. Agric.) - 1998
University of Agriculture, Abeokuta Undergraduate
Departmental Proficiency Scholarship Award for Best
Student - 1991/92 session

xvi. Research Conducted: Developing a Calculator for Estimating the Fertilizer Equivalence of Different

Manure – funded by Manitoba Cattle Producers Association and the
Manitoba Rural Adaptation Council, Manitoba, Canada - 2012/2013

The use of *Tithonia diversifolia* as organic amendment in maize production funded by the Research and Development Centre of the University of Agriculture, Abeokuta, Nigeria - 2009-2011

Response of soyabean, maize and rice to the newly formulated Ogun state (Gateway) organic/organomineral commercial fertilizer in southwestern Nigeria – funded by the Aratibiotech Limited, Victoria Island, Lagos, Nigeria – 2010/2011

Evaluation of local materials as rhizobium carrier for effective inoculation of soyabean in southwestern Nigeria –funded by the National Agricultural Research Project (NARP), Abuja, Nigeria in collaboration with UNAAB (now FUNAAB) - 1998

Research project on Household food security in southwestern Nigeria – funded by the African Economic Research Consortium, Kenya, in collaboration with the National Centre for Economic Management and Administration (NCEMA)/UNAAB – 1996/97

Formulation and Production of Commercial Organic and Organomineral fertilizer for Ogun State, Nigeria Project (Gateway Fertilizer) – 2010

xvii. Conferences Attended:

1st Annual Conference of the College of Plant Science and Crop Production held between July 30th – August 1st 2023 at the Federal University of Agriculture Abeokuta, Nigeria. Theme: Plant Science for Sustainable Food System.

44th Annual Conference of Soil Science Society of Nigeria held between 16th - 20th March, 2020 at the Enugu State University of Technology Business School, Enugu State, Nigeria.

4th Annual Conference of the Biochar Initiative of Nigeria held between 10th -14th September, 2018 at the Federal University of Agriculture Abeokuta, Nigeria.
Theme: Biochar Technology: Panacea for Sustainable Agriculture, Energy and Environmental Protection.

42nd Annual Conference of Soil Science Society of Nigeria held between 12-16th March, 2018 at the Institute of Agricultural Research and Training, Obafemi Awolowo University, Moor Plantation, Ibadan.

International Annual Conference of the American Society of Agronomy, Crop Science Society of America & Soil Science Society of America held between November 3-6, 2013 at Tampa, Florida, USA.

Annual Conference of the Canadian Society of Soil Science held between 3-8 June, 2012 at Manoir St-Castin, Lac Beauport, Quebec City, Canada

1st West African Summit and 4th National Conference on Organic Agriculture in Tertiary Institution held between 17th and 21st November, 2008 at the University of Agriculture, Abeokuta, Nigeria.

29th Annual Conference of Soil Science Society of Nigeria held between 6-10th December 2004 at the University of Agriculture, Abeokuta, Ogun State, Nigeria.

xviii. Publications:

Articles in Learned Journal

1. Aromolaran A. B., **Soretire A. A.**, Aromolaran S. A., Enilolobo O. S., Fashola S. O. and Adebisi M. A. (2001). Soil Sustainability and Indigenous Soil Management Practices among Food Crop Farmers in Ogun State – *Journal of Environmental Extension 2*: (1):102-116. Published by Department of Agricultural Economics, University of Ibadan.
2. **Soretire A. A.**, Adetiloye P. O. and Adetunji M. T. (2002). Effect of Different Inoculant Carriers on the Performance of Six Soyabean Cultivars in Sterilized and Non-Sterilized Soils. *International Journal of Agricultural Sciences, Sciences, Environmnet and Technology (ASSET), Series A2* (2): 119-125. Published by Federal University of Agriculture, Abeokuta, Nigeria.
3. **Soretire A. A.**, M. T, Adetunji and Salawu A. (2005). Appraisal of Some Indices for Predicting Nitrogen Need of Maize. *Nigerian Journal of Soil Science* 15(1):123-28. Published by Soil Science Society of Nigeria.
4. Adetunji, M. T., Atayese, M. O. and **Soretire, A. A.** (2005). Relative Effectiveness of Three Phosphate Rock Samples for Maize and Soybean Production. *Nigerian Journal of Soil Science* 15 (2): 77-83. Published by Soil Science Society of Nigeria.
5. Adesodun, J. K., M. O. Atayese, T. A. Agbaje, B. A. Osadiaye, O. F. Mafe and **A. A. Soretire** (2010). Phytoremediation potentials of Sunflowers (*Tithonia diversifolia* and *Helianthus annuus*) for metals in soils contaminated with zinc and lead nitrates. *Water, Air and Soil Pollution* 207: 195-201. Published by Springer Science, Netherlands.

Available at <http://www.springer.com/environment/pollution+and+remediation/journal/11267>. **Indexed in Scopus.**
6. Adesodun, J.K., **Soretire A. A.** and Oyegoke C.O (2010). Evaluation of some organic amendments for bioremediation of spent oil-contaminated soil using soyabean (*Glycine max*L) as a test crop. *Nigerian Journal of Soil Science* 20 (1):128-143. Published by Soil Science Society of Nigeria.
7. **Soretire, A. A.**, Adesodun, J. K. and Oludemi, B.M. (2011). Effect of Heavy Metal

Contamination on Microbial Population, Organic Carbon and Nitrogen Mineralization

in Soil Planted to Legumes. *Nigerian Journal of Soil Science*21 (2):112-117, Published by Soil Science Society of Nigeria.

8. Lawal, I.O., Adebayo, A.G., Shokalu, A.O., Sakariyawo, O.S., Aderibigbe, S.G., and **Soretire, A.A.** (2012). Growth and Nutrient Uptake of Okra (*Abelmoscus esculentus* L. Moench) as Influenced by Compost mixes on an Alfisol in Ibadan, South Western Nigeria. *Nigerian Journal of Soil Science*22 (2):155-162. Published by Soil Science Society of Nigeria.
9. Dayo Stephen Ogundijo, Michael Tunde Adetunji, Toyin A. Arowolo, **Adeniyi. A. Soretire** (2012). Effect of Crop Residue Management on the Dynamics of Soil Organic Carbon and Nitrogen in Maize (*Zea mays*) Production. *International Journal of Environmental Sciences* 1(3):186-195. Published by Center for Rural Development Ecology and Environment Protection, India. Available online at <http://www.crdeep.com/category/ijes> **Indexed in Scimago.**
10. Olowokere, F. A., Adesodun, J. K., Adejuyigbe, C. O., **Soretire, A. A.**, Akintokun, P. O., Akinyele, S. A., Adeyemo, T. O. and Adeyemo, O. A. (2013). Soil Chemical properties, Yield and Nutrient Uptake of Maize as Influenced by Plant and Animal based Organic Amendments. *Nigerian Journal of Soil Science* 23(1):197-206. Published by Soil Science Society of Nigeria.
11. **Soretire A. A.** and Olayinka A. (2013a). Response of Soyabean (*Glycine max* L.) to Cow Dung and Wood ash in Tropical Acid Soils of Southwestern Nigeria. *Nigerian Journal of Soil Science*23(2):103-113. Published by Soil Science Society of Nigeria
12. **Soretire A. A.** and Olayinka A. (2013b). Soyabean Nodulation and N₂-Fixation as Influenced by Cow Dung and Wood ash Applications in Tropical Acid Soils (Typic dystrodept). *Nigerian Journal of Soil Science*23(2): 114-125 Published by Soil Science Society of Nigeria.
13. **Soretire, A.A.**, Sakariyawo, O.S., Soremi, P.A.S., Aderibigbe, S.G., Olowokere, F.A., Fagbemi, A.O., Otaiku, A.A. and Dare, M.O. (2013). Nodulation and Nitrogen Fixation in Soybean (*Glycine max* (L.)) as Influenced by Different Sources and Rates of Commercially-Produced Organic Fertilizer. *Journal of Organic Agriculture and Environment*. Vol 1: 36-45. A publication of Organic Agriculture in Tertiary Institutions in Nigeria (OAPTIN).

14. Sakariyawo, O. S., Aderibigbe S. G., **Soretire, A. A.**, Oyekanmi, A. A., Soremi, P. A. S., Okonji, C. J. and I. O. Lawal (2014). Growth and Yield Response of Okra (*Abelmoschus esculentus* (L) *Moorish*) To Sources and Rates of Commercially Produced Organic Fertiliser in the Rainforest Transitory Zone of Nigeria. *Journal of Applied Agricultural Research* 6(1): 265-273. 1. A publication of Agricultural Research Council of Nigeria.(ARCN).

15. Olowokere F.A., **Soretire A.A.** and Oluyombo E.S. (2014). Soil Quality and Nutrient Composition of Okra (Fruits and Leaves) as affected by the Application of Different Types of Organic-Based Fertilizers. *Journal of Organic Agriculture and Environment*. Vol.2:14-20. A publication of Organic Agriculture in Tertiary Institutions in Nigeria (OAPTIN).

16. Ijiyokun A. O., Adesodun, J. K., Akinsete, S. J., Atayese, M. O. and **Soretire, A. A.**(2014). Impact of Organic and Inorganic Fertilizers on Physical and Rheological Properties of a Sandy Loam Soil Planted with Maize (*Zea mays*). *Journal of Organic Agriculture and Environment*. Vol. 2: 5-13. A publication of Organic Agriculture in Tertiary Institutions in Nigeria (OAPTIN).

17. Aderibigbe, S. G., Sakariyawo, O.S., **Soretire, A. A.**, Oyekanmi, A. A., Soremi, P.A.S. (2015). Growth and Yield Responses of Open Pollinated Maize (*Zea Mays*) to Types and Rates of Organic Fertilizers in Rainforest Transitory Agroecology of Nigeria. *Journal of Agriculture, Science & Environment* 15(2): 85 – 94. Published by Federal University of Agriculture, Abeokuta, Nigeria.

18. Adesodun, J.K., Olowokere, F. A., **Soretire, A.A.**, Adejuyigbe, C.O., Adewole, A.O., Akintokun, P.O., Omoju, O.J. (2015). Carbon-Nitrogen stocks and Structural Stability of a Tropical Loamy Sand Soil as Influenced by *Tithonia Diversifolia* (L.) and other Fertilizers. *International Journal of Soil Science*, 10 (1):37-44. Published by Academic Journals Inc., Newyork, USA. Available online at <http://scialert.net/abstract/?doi=ijss.2015.37.44>. **Listed in Scopus.**

19. Daniel, I. O., Akanro, J. O., **Soretire, A. A.**, Afolabi, O. T. and Alimi, A. (2016). Organic Seed Treatments for Optimizing Germination and Seedling Establishment of *Acacia nilotica* in Southwestern Nigeria, *Journal of Organic Agriculture and Environment* 4 (2) 16-24: A publication of OAPTIN.

20. Aderibigbe, S. G., Sakariyawo, O.S., **Soretire, A. A.**, Soremi, P.A.S. and Otaiku, A.
A. (2016). Response of Hybrid maize (*Zea mays* L.) to Application Rates and Sources of Organic Fertilizers in the Humid Rainforest. *Journal of Organic Agriculture and Environment* 5 (1): 23-34. A publication of OAPTIN.

21. Thanni, B. M., **Soretire, A. A.**, Adejuyigbe, C. O. and Obuotor, T. M. (2017). Nitrogen Fixation and Nodulation of Soybean as Affected by Rhizobial Inoculation Using Different Seed Adhesives in a Sandy Clay Loam Soil. *Nigerian Journal of Biotechnology* 33:72-77. Published by Biotechnology Society of Nigeria.

22. **Soretire, A. A.**, Oshiobugie, A. A., Thanni, B. M., Balogun, S. A and Ewetola, J. M.(2017). Bioremediation of Soil Contaminated with Crude Oil Using Fresh and Decomposed Animal Manure. *Nigerian Journal of Biotechnology* 34:12-18. Published by Biotechnology Society of Nigeria.

23. Olubode, A. A., **Soretire A. A** and Adeyemi, N. O. (2017). Influence of Organic Manure and Wood Ash on the Abundance of Soil Microorganisms, Organic Carbon and Growth of Soybean (*Glycine max* L. Merrill) in Acidic Soil. *Journal of Agriculture, Science & Environment* 18 (1 & 2): 87-96. Published by Federal University of Agriculture, Abeokuta, Nigeria.

24. **Soretire A. A**, Ogunkorode, M. M and Thanni, B. M. (2018). Response of Soybean (*Glycine Max* (L.) Merrill) to Methods and Time of Rhizobial Inoculation in Abeokuta, Southwestern Nigeria. *Ife Journal of Agriculture* 30 (3):72-82. Published by Faculty of Agriculture, Obafemi Awolowo University, Ile-Ife, Nigeria

25. Fabunmi, T.O., Fadeyi, J.O., **Soretire, A.A** and Olowe, V.I.O. (2018). Growth and Yield Response of Tigernut (*Cyperus esculentus* L.) to Seed Tuber Size and Soil Amendment with Moringa (*Moringa oleifera* Lam.) Leaves. *Journal of Organic Agriculture and Environment* 5 (1): 25-37. A publication of OAPTIN.

26. Adeyemi, O. R., Hosu, D. O., Olorunmaiye, P. M., **Soretire A. A.**, Adigun J. A and Ogunsola K. O. (2019). Weed Control Efficacy of Hoe Weeding and Commercially Formulated Mixture of Metolachlor+Prometryn Herbicide under Maize Production in Soil Amended with Biochar. *Agricultura Tropica et Subtropica* 52 (2):73-78. DOI:

10.2478/ats-2019-0008. Published by Czech University for Life Sciences, Prague.

27. **Soretire A. A.**, Sakariyawo, O. S., Yewande, O. S., Adesodun, J. K., Akintokun, A. K., Soremi, P. A. S. and Aderibigbe, S. G. (2019). Changes in Microbial Biomass and Grain Yield of Lowland Rice Varieties in Response to Alternate Wet and Dry Water Regime in the Inland Valley of Derived Savanna. *Journal of Agricultural Sciences* Vol. 64 (3):239-253. Published by University of Belgrade, Serbia.
28. Sakariyawo, O. S., Oyedeji, O. E. and **Soretire, A. A.** (2020). Effect of Iron Deficiency on the Growth, Development and Grain Yield of Some Selected Upland Rice Genotypes in the Rainforest. *Journal of Plant Nutrition* 43 (6):851863, DOI:[10.1080/01904167.2020.1711936](https://doi.org/10.1080/01904167.2020.1711936). Published by Taylor and Francis.
29. Onyenali, T., Olowe, V., Fabunmi, T. and **Soretire A.** (2020). Organic Fertilizers Improve the Growth, Seed Quality and Yield of Newly Released Soybean (*Glycine max* (L.) Merrill) Varieties in the Tropics. *Organic Agriculture* 10:155–170. Published by Springer. Available online at <https://doi.org/10.1007/s13165-019-00258-2>; Indexed in Scopus.
30. Komolafe, A. F., Adejuyigbe, C. O., **Soretire, A. A.** and Aiyelaagbe, I. O. O. (2020). Maturity Indices of Composting Plant Materials with *Trichodermaasperellum* Activator. *AgricolturaTropica et Subtropica* 53 (1):19–27. DOI:10.2478/ats-20200003. Published by Czech University for Life Sciences, Prague.
31. **Soretire, A. A.**, Adeyemi N. O., Atayese, M. O., Olubode, A. A. and Adewunmi, A. (2020). Inoculation of arbuscular mycorrhizal fungi improve soil chemical properties, growth and symbiotic N₂-fixation in soybean (*Glycine max* L.) cultivars under field condition with low phosphorus availability. *Acta Fytotechnica et Zootechnica* 23 (4):182-191. <https://doi.org/10.15414/afz.2020.23.04.182-191>. Published by Slovak University of Agriculture in Nitra.
32. **Soretire, A. A.**, Adeyemi N. O., Atayese, M. O., Sakariyawo, O. S. and Adewunmi, A. (2020). Nodulation and Biological Nitrogen Fixation in Soybean (*Glycine max* L.) as Influenced by Phosphorus Fertilization and Arbuscular Mycorrhizal Inoculation. *Acta Universitatis Sapientiae, Agriculture and Environment* 12: (2020) 22-44. <https://doi.org/10.2478/ausae-2020-0003>. Published by Sapientia Hungarian University of Transylvania.

33. Komolafe, A. F., Adejuyigbe, C. O., Babalola, O. A., **Soretire, A. A.** and Kayode, C. O. (2020). Fertilizer Values of Composts as Affected by Plant Materials and Composting Duration on Maize (*Zea Mays*) Performance. *Journal of Tropical Agriculture, Food, Environment and Extension* Volume 20 Number 1, pp. 87- 94.
34. Komolafe, A. F., Adejuyigbe, C. O., **Soretire, A. A.** and Aiyelaagbe, I. O. O. (2021). Nutrient Stability of Stored *Trichoderma*-activated Composts and the Effects on Soil Properties and Growth Response of Maize. *Journal of Agriculture and Bioengineering Sciences* Vol. 1, No. 1, pp. 23-25.
35. **Soretire, A. A.**, Ezema, C. A., Awaogu, C. E., Okafor, C. C., Umoren, A. S., and Adeyemi, N. O. (2023). Biotransformation of organic wastes through composting using *Trichoderma harzianum* and its effects on cucumber (*Cucumis sativus* L.) yield. *International Journal of Recycling Organic Waste in Agriculture*, 12(Special Issue), 191-199. doi:10.30486/ijrowa.2022.1957121.1452.
36. Fadeyi, O. J. Fabunmi T. O., **Soretire, A. A.**, Olowe, V. I. O. and Adeyemi O. R. (2023). Application of Moringa leaves as soil amendment to tiger-nut for suppressing weeds in the Nigerian Savanna. *BMC Plant Biology*, 23:187 <https://doi.org/10.1186/s12870-023-04170-6>. Published by Springer. In press.
37. Thanni B. M., Merckk, R., Hauser, S., **Soretire, A.**, Honnay, O. (2023). Multiple taxa inoculants of arbuscular mycorrhizal fungi enhanced colonization frequency, biomass production and water use efficiency of cassava (*Manihot esculenta*). *International Microbiology*. Published by Springer Nature. In press.

Edited Conference Proceedings

38. **Soretire A. A.**, M. T. Adetunji, P.O. Adetiloye and A. Olayinka (2004). Effect of Inoculant Carrier on Growth, Nodulation and Yield of Soybean. *Proceedings of the 29th Annual Conference of Soil Science Society of Nigeria(SSSN)*,Salako F.K., Adetunji M.T., Ojanuga A.G., Arowolo T.A., and OjeniyiS.O. (Eds.) 238-241. Published by Soil Science Society of Nigeria (SSSN).

39. Adigbo, S. O., **Soretire, A. A.** and Ogunsanya, E. (2005). Performance of Cowpea Intercropped with Amaranth in an Inland Valley in a Derived Savanna. *Proceedings International Conference on Science and Technology*, Olufayo A. A., Fagbenro, O.A., Ajayi, O., Olaniyi, M.O., Ogunjobi, K.O., Ajayi, A.E., and Alowolodu, K.E. (Eds.) 236-242.
40. **Soretire, A. A.** and Ojo, O. A. (2008): Effect of Sources and Rates of Organic Manure on Microbial Activities in Soil. *Proceedings 1st West African Summit and 4th National Conference on Organic Agriculture in Tertiary Institution (OAPTIN)*, I.O.O. Aiyelaagbe, Adetunji, M.T. and Osei, S.A. (Eds.) 145-149. Published by OAPTIN.
41. Sakariyawo, O. S., **Soretire, A. A.**, Aderibigbe, S. G., Otaiku, A. A., Oyekanmi, A. A. (2011). Agro-ecological sustainability of organic manure application in soybean production in Alfisols of rainforest transitory zone of Nigeria. *Proceedings 7th Annual Conference of Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN)*, E.J. Ekefan, F.D. Ugese and E.E. Ekoja (Eds.) 12-18. Published by OAPTIN.
42. Sakariyawo, O. S., Aderibigbe, S. G., **Soretire, A.A.**, Oyekanmi, A. A., Okonji, C. J., Soremi, P. A. S., and Lawal, I. O. (2012). Sustainable Production of Open Pollinated Maize (*Zea mays*) in Rain-Forest Transitory Zone of Nigeria at Different Sources and Rates of Organic Fertilizers. *Proceedings 8th Annual Conference of Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN)*, M.G. Solomon, A. Egrinya-Eneji, N.M. D.A. Ukehand P.B. Okon (Eds.) 23-28. Published by OAPTIN.
43. Aderibigbe, S. G., Sakariyawo, O. S., **Soretire, A. A.**, Otaiku, A. A., Oyekanmi, A. A. and Soremi, P. A. S. (2014). Effects of Rates and Time of Application of Organomineral Fertilizer on the performance of Open Pollinated Maize in South Western Nigeria. *Proceedings of the 10th Annual Conference of Organic Agriculture Project in Tertiary Institutions in Nigeria (OAPTIN)*, Olabiyi, T. I. and Bolarinwa, I. F. (Eds) 40-50. Published by OAPTIN.

Technical Reports

44. Akinremi O. O., Flaten, N. Don. D. Kumaragamage, Gesinde Shade, Ige D.V., **Soretire, A. A.**, Sayem, S.M. and M. Bammeke (2013). *Developing a Calculator for Estimating the Fertilizer Equivalence of Different Manures* Report Submitted to the

Manitoba Cattle Producers Association and the Manitoba Rural Adaptation Council,
Manitoba, Canada, pp 144.