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CURRICULUM VITAE FOR DR. JOHN STEPHEN TENYWA

Name: John Stephen Tenywa
Date of birth: 25 March 1956
Place of birth: Buwanume, Kamuli District
Sex: Male
Nationality: Ugandan
Marriage status: Married
Permanent address: P.O. Box 7062, Kampala, Uganda. Phone: +256-772-487404. Email: jstenywa@agric.mak.ac.ug, johntenywa@gmail.com
Unit of deployment: Department of Agricultural Production, College of Agricultural & Environmental Sciences, Makerere University

Education record

1993 – Ph.D. (Soil fertility & Plant Nutrition), Ohio State University, USA.

1987 – M.Sc. (Agriculture), Agricultural University of Norway, Aas, Norway

1981 – B.Sc. (Agric.) Makerere University

Other qualifications

1989 - Certificate, Experimental designs, data collection and analysis course conducted by CIAT

1992- Certificate - Fertilizer technology course, International Fertilizer Development Center, Marshal Shoals Alabama, USA

Employment record

1982- Teaching Assistant, Department of Soil Science, Makerere University

1987 –Lecturer, Lecturer, Department of Soil Science, Makerere University

1999Senior lecturer, Department of Soil Science, Makerere University

2006 - Honorary lecturer, Mbarara University of Science & Technology

2010 Acting Head, Department of Soil Science, Makerere University

2010 Head, Department of Soil Science, Makerere University

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Other responsibilities

2001 - Editor-in-Chief, African Crop Science Journal

2004- Member, Taskforce for National Convention for Combating
Desertification Prioritisation for NEMA/MAAIF

2007 - Deputy Editor, Makerere University Research Journal

2007 - Science Writing Trainer, African Women in Agricultural Research and Development
(AWARD)

2008 Busoga University, Council Member

2003 External examiner for Agriculture, the Department of Vocational Studies, Kyambogo University

2011 - Board Member, Uganda Journal for Agricultural Sciences, NARO

2003 External Examiner, MSc. University of Nairobi

2009 External Examiner, PhD thesis, Kumasi University of Science & Technology

2012 Mentor for MSc. student, Sokoine University of Agriculture, under RUFORUM

arrangement

2012 Deputy Chairperson, Taskforce for development of Uganda's National Fertiliser Action Plan,
MAAIF/World Bank

2012 Member, Commodity Technical Committee for implementation of the next steps of the

Non-ATAS synthesis report and commodity (Fertiliser) approach strategy of MAAIF

Teaching experience

1982-present- Teach undergraduate and postgraduate students; supervisor MSc. & PhD students

Supervision of graduate students

Supervised 28 MSc. and 7 PhD students to completion

Currently supervising 9 MSc. and 5 PhD students

Membership in professional societies

Member of the Governing Council of the African Crop Science Society

Member of the International Federation of Science Editors

Member of the African Crop Science Society

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Member of the East African Soil Science Society
Member of the Soil and Water Conservation of Uganda

Research activities and postgraduate research supervision

Graduated students:

Ssendawula, J. (MSc. 1997). Potential of urban market garbage in soil fertility management. **Sponsored by IDRC - Graduated**

Lekasi, J. (MSc. 1997). Effect of on-farm crop residues on soil fertility in banana production in Uganda. A farmer participatory research project. Sponsored by **Rockefeller Foundation, Forum**.

Opio, G.R. (MSc. 1997). Mechanisms for common bean tolerance to low phosphorus supply. **Sponsored by CIAT - Graduated**

Murekezi, C. (MSc. 1997). Effect of coffee husks on phosphorus pools in an Oxisol under pineapple production. **Sponsored by World Bank- Graduated**

Wanaku, B. (MSc. 1998). Effect of coffee husks on vertical nutrient and microbial distribution down a soil profile under banana production. **Sponsored by Uganda Government- Graduated**

Bazira, H. (MSc. 2000). Mineralization and growth effects of Napier and off-farm plant residue on performance of banana in Uganda. **Sponsored by the Rockefeller Foundation – Forum - Graduated**

Nyende, P. (MSc 2001). Soil fertility and weed management for improved finger millet production in eastern Uganda. Funded by the **Rockefeller Foundation – Forum - Graduated**

Nkalubo, S. (MSc. 2000). Mulching in banana research in Uganda. **Sponsored by the Rockefeller Foundation – Forum - Graduated**

Ofwono, W. (MSc. 2001). Agronomic evaluation of asparagus varieties and potential for export in Uganda. **Sponsored by USAID - Graduated**

Muwanga, S. (MSC. 2003). Optimisation of light interception for increased sorghum-legume intercrop productivity. **Sponsored by the Rockefeller Foundation (FORUM) - Graduated**

Owuor, C. (MSc. 2004). Obviating below-ground competition in a sorghum-legume intercrop for increased productivity in eastern Uganda. **Sponsored by the Rockefeller Foundation (FORUM) - Graduated**

Kataike, S. (MSc.). Fertiliser profiles in Uganda. **Sponsored by Uganda Government - Graduated**

Kaggwa, Ruth. (MSc. 2008). Integration of pigeon pea in sweet potato systems for improved productivity in eastern Uganda. **Sponsored by CIP - Graduated**

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Zake, J. (MSc. 2008). Utilisation of cattle manure in small-scale producer systems in Uganda. **Sponsored by Environmental Alert - Graduated**

Nadhomi, D.L. (MA, Geography, 2004). Quantification of soil loss due to erosion in Lake Victoria basin. **Funded by self&Sida/SAREC) - Graduated**

Kilande, G. (MSc. 2010). Rationalisation of cattle urine for improved cabbage production in Uganda. **Sponsored by Sida/SAREC - Graduated**

Ogwang, F. (MSc. 2011). Faecal blending for speedy composting for soil fertility management. **Sponsored by Makerere University/Sida - Graduated**

Naakubuza, G. W. (MSc., 2013). Crotalaria for nematode control in banana. **Sponsored by APEP - Graduated**

Kiconconco (MSc.). Farmer perceptions and contradiction on plants as indicators of soil fertility. **Sponsored by RUFORUM - Graduated**

Gatesi, Juleane (MSc.). Performance of low phosphorus tolerant bean varieties in very acidic soils of Rwanda. **Sponsored by AGRA – Graduated**

Nankya, E. (MSc.). Influence of zinc bio fortification on the nutritional value and biological nitrogen fixation of common bean . **Sponsored by AGRA - Graduated**

Senkosi, K. (MSc.). Speargrass as a soil fertility indicator along a deforestation chronosquence. **Sponsored by RUFORUM - Graduated**

Nakanwagi, J. (MSc.). Nitrogen and phosphorus optimisation and agronomic nutrient use efficiency for improved wheat performance in Uganda. **Sponsored by NARO - Graduated**

Mensah, C. (MSc.). Response of high potential upland rice varieties to nitrogen management in Uganda. **Sponsored by the West Africa Agricultural Productivity Programme (WAAPP) - Graduated**

Ssenyonga, P. (MSc.). Interaction effect of molybdenum and P on BNF and performance of bush beans in East African soils. **Sponsored by BNF CRSP/USAID**

Abwate, M. (MSc.). Effect of drought spells on BNF and yield of bush beans. **Sponsored by BNF CRSP/USAID**

Murumba (MSc.). Spatial variability of soybean response to P inputs in south-western Uganda. **Sponsored by AGRA.**

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Bwire, P. (MSc.). Integrated nutrient and water management for improved upland rice production in Uganda. **Supported by AGRA**

Muyingo, E. (MSc.). Development of a finger millet seeder for eastern Uganda. **Sponsored by Sida/SAREC/RUFORUM**

PhD graduates students

Kanzikwera, R. (PhD. 1999). Interactive effect of nitrogen and potassium on flowering and berry set in true potato seed mother plants. **Sponsored by International Potato Research Centre (CIP). - Graduated**

Amoding, A. (PhD. 2007). Potential for urban crop waste in soil fertility management in Uganda. **Sponsored by Makerere University-Sida/SAREC - Graduated**

Mukurarinda, A. (PhD. 2007). Phosphorus transformation in acid soils of Rwanda. **Sponsored by ICRAF-Rwanda Government- Graduated**

Mubiru, Lubanga, S. (PhD. 2007). Nutrient balances along dairy intensification line in Uganda. **Sponsored by DANIDA/ILRI - Graduated**

Katagira, F. Lubega. (PhD. 2007). Biological Water hyacinth management in Tanzania's river systems. **Sponsored by Tanzanian Government - Graduated**

Tumuhairwe, J.B. (PhD. 2010). Enhancement of the biological decomposition of urban crop wastes in Uganda. **Sponsored by Makerere University-Sida/SAREC - Graduated**

Nadhomi, D.L. (PhD. Geography). Biophysical and socio-economic determinants of soil erosion in Lake Victoria basin of Uganda. **Sponsored by self - Graduated**

Musinguzi, P. (PhD.) Soil organic carbon indexing for optimised fertilizer use in cereal production in selected agro-ecological zones of Uganda. **Sponsored by Makerere University/Carnegie Foundation – Submitted for examination**

Tumuhairwe, J.K. (PhD.). Potential for plants indicators of soil quality. **Sponsored by Makerere University/Carnegie Foundation/RUFORUM**

Nkwiine, C. (PhD.). Earthworm community under agricultural intensification in Mabira forest reserve and adjacent farmlands, Uganda. **Sponsored by Makerere University**

Namugwanya, M. (PhD soils). Performance of low phosphorus tolerant common bean genotypes under drought conditions. **Sponsored by Makerere University/Sida/SAREC**

Ntambi, E. (PhD. Registered at Mbarara University of Science and Technology). Potential of agro-industrial waste for soil fertility management/ **Sponsored by Mbarara University of Science and Technology**

Muzira, R. (PhD). Leveraging from enhanced linkages with lucrative markets for improved soil fertility management in the potato production systems of western Uganda. **Sponsored by NARO**

Consultancies

- Various periods

Conducted scientific writing for research proposals and journal publications for ASARECA (for the CGS and various Networks, Projects & Programs); USAID/World Learning, RUFORUM several times for the University of Nairobi, Makerere (several times under SGS& I@MAK), Egerton, Rwanda, Burundi, Lesotho, Mozambique, Malawi, Martyr's University Nkozi, Gulu, Bukavu, Busoga, etc.; Research systems including NARO-Uganda (several times), ARC-Gezira-Sudan, SADC (in Botswana & ESAMI-Arusha), PABRA/CIAT, African Highland Initiative/IDRC, etc.

1995 - Reviewed a manual for scientific writing for the International Service for National Agricultural Research (ISNAR 1987 – Conducted Soil fertility evaluation for Mubuku Irrigation Settlement Scheme, subcontracted by MUAGROTECH

1997 – Conducted Soil Survey & Evaluation of Bugala Island for Palm Oil production, subcontracted by INCAFEX Co. (Client -MAAIF/IFAD)

1999 - Review of NARO's Draft Book "Agriculture in Uganda"

2001 - Appraised of the National Agricultural Research Organisation (Uganda) Mid-term Plan for 2001-2005

2006 – Produced MAAIF's annual report for the National Convention for Combating Desertification

2006 - Appraised NARO's Mid-term Plan for 2001-2005

2008 – Produced Annual Report for ASARECA

Various periods – Reviewed proposals for RUFORUM, ViCress, Faculty of Agriculture, Makerere University, NARO, I@MK,

2010 -Reviewed and compiled book Soil and Water Management Research Book of Abstracts for southern African Universities. ISSN 1021-9730/2010. Funded by the Coordination of Agricultural Research and Training (ICART) in the SADC Region. www.sadc.int/fanr/agricresearch/icart/...PhDMSc.pdf

2012 – Reviewed Operational Plan II for ASARECA Programmes

2012 -Review and editing of book on Good Governance and Gender Mainstreaming in Uganda (Client: Makerere Institute for Social Research/NORAD)

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Service to community

Local Council I, Defence Secretary, Kabanyolo – 1996-2000

Publications

Journal publications

Tenywa, J.S. 1997. Influence of Molybdenum, Cobalt and Liming on Biological Nitrogen Fixation in a Ugandan Oxisol. *African Crop Science Journal* 5 (1):87-92.

Tenywa, J.S., M. Kidoido, P. Nyende, V. Kasenge, J. Oryokot and S. Mbowa. 1999. Prospects and constraints of finger millet production in eastern Uganda. *African Crop Science Journal* 7(4): 569-583.

Lekasi, J.K., Bekunda, M.A., Tenywa, J.S. & Woome, P.L. 1999. **Decomposition of crop residues in banana**-based cropping systems of Uganda. *Biological Agriculture & Horticulture* 17:1-10.

Nyende, P., **Tenywa, J.S.**, Oryokot, J., & Kidoido, M. 2001. Weed profiles and management assessment for increased finger millet production in Uganda. *African Crop Science Journal* 9(3): 507-516.

Kanzikwera, C.R., **J.S. Tenywa**, D.S.O. Osiru, E. Adipala and A.S. Bhagsari. 2001. Interactive effect of nitrogen and potassium on flowering and berry set in true potato seed mother plants. *African Crop Science Journal* 9(1):109-125.

Kanzikwera, C.R., **J.S. Tenywa**, D.S.O. Osiru, E. Adipala and A.S. Bhagsari. 2001. Interactive effect of nitrogen and potassium on dry matter yield and nutrient partitioning in true potato seed mother plants. *African Crop Science Journal* 9(1):127-146.

Kanzikwera, C.R., D.S.O. Osiru, **J.S. Tenywa**, E. Adipala and A.S. Bhagsari. 2001. Effect of mother plant-applied nitrogen and potassium on seed weight and seedling emergence of true potato seed. *African Crop Science Journal* 8(4):375-385.

Lekasi, J.K., P.L. Woome, **J.S. Tenywa** and M.A. Bekunda. 2001. Effect of mulching cabbage with banana residues on cabbage yield, soil nutrient and moisture supply, soil biota and weed biomass. *African Crop Science Journal*. 9:499-506.

Kidoido, M.M., Kansenge, V., Mbowa, S., **Tenywa, J.S.** and Nyende, P. 2002. Socio-economic factors associated with finger millet production in eastern Uganda. *African Crop Science Journal* 10(1):111-120.

Tenywa, J.S. and D. Eckert. 2002. Wheat (*Triticum aestivum* L.) response to manganese in a sand culture. *East African Agriculture & Forestry Journal* 68(2).

Idenfors, E. Otabong, **J.S. Tenywa** and A. Amoding. 2004. A greenhouse experiment to evaluate compost derived from household and market crop wastes. *Uganda Journal of Agricultural Sciences* 9(1): 501-505.

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E.N. Sabiiti, F. Bareeba, E. Spornly, **J.S. Tenywa**, S. Ledin, E. Ottabong, S. Kyamanywa, B. Ekobom, J. Mugisha and L. Drake. 2004. Urban market garbage: A hidden resource for sustainable urban/peri-urban agriculture and environment in Uganda. The Uganda Journal 50:102-109. <http://hdl.handle.net/123456789/43>

Nadhomi, D. L., **J. S. Tenywa**, M. M. Tenywa and F. D. K. Bagoora. 2006. Interactive effect of slope magnitude and landuse on runoff and soil loss on a luvisol in the Lake Victoria basin of Uganda. Makerere University Research Journal 1(1):49 - 62.

Mubiru, S.L., **J.S.Tenywa**, N.Halberg, D. Romney, W.Nanyeenya, I.Baltenweck and S.Staal. 2007. Categorisation of dairy production systems: A strategy for targeting meaningful development of the systems in Uganda. Livestock Research for Rural Development 19 (7). <http://orgprints.org/15498/> Accessed on 14/09/2012

Mukuralinda, A., **Tenywa, J.S.**, Verchot, Obua, J. and Namirembe, S. 2009. Decomposition and phosphorus release of agro-forestry shrub residues and the effect on maize yield in acidic soils of Rubona, southern Rwanda. Nutrient Cycling in Agroforestry systems 84(2):155-166.

Tumuhairwe, J.B., **Tenywa, J.S.**, Otabong, E. And Stig, L. 2009. Comparison of four low technology composting methods for market crop waste. Waste Management 29:2274-2281.

Musinguzi, P., Tenywa, J.S. and Bekunda, M. 2010. Strategic nutrient management in field pea on bench terraces in south-western Uganda. African Journal for Food, Agriculture, Nutrition and Development. 10:2695-2706.

Zake, J., **Tenywa, J. S.**, Kabi, F. 2010. Improvement of Manure Management for Crop Production in Central Uganda. Journal of Sustainable Agriculture 34(6) 595 – 617.

Mukuralinda, A., **J.S. Tenywa**, L. Verchot, J. Obua, N. Nabahungu, J. Chianu. 2010. Phosphorus uptake and maize response to organic and inorganic fertilizer inputs in Rubona, Southern Province of Rwanda. Agroforestry Systems 80(2): 211-221.

Amoding, A., **Tenywa, J.S.**, Ottabong and Stig, L. 2010. Effectiveness of crop waste compost on a Eutric Ferralsol. Journal of Plant Nutrition and Soil Science 174: 430–436.

Mukuralinda, A., **J.S. Tenywa**, L.V. Verchot, J. Obua. 2011. Combined Effect of Organic and Inorganic Fertilizers on Soil Chemical and Biological Properties and Maize Yield in Rubona, Southern Rwanda. Innovations as Key to the Green Revolution in Africa. 729-740. Springer. http://link.springer.com/chapter/10.1007%2F978-90-481-2543-2_74?LI=true

Kilande, B.G., **Tenywa, J.S.**, Rwakaikara-Silver, M. And Amoding-Katusabe, A. 2011. Agronomic evaluation of cattle manures for cabbage production: Animal gender and physiological conditions. Nepalese Journal of Agricultural Sciences 9. www.hicast.edu.np/ Accessed 17-01-2013.

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Mubiru, L.S., Romney, D., Halberg, N. and **Tenywa, J.S.** 2011. Development of nutrient management strategies based on mapping of nitrogen flows and balances in dairy production systems in Uganda. *Livestock Science* 137(1-3):116-123. www.sciencedirect.com/science/article/pii/S1871141310005573. Accessed 17-01-2013.

Ogwang, F., **Tenywa, J.S.**, Otabbong, E. Tumuhairwe, J.B. and Amoding-Katusabe, A. 2012. Faecal blending for nutrient enrichment and speedy sanitization for soil fertility improvement. *International Scholarly Research Network/Journal* Vol. 2012, Article ID 424171, 7 pages. [ISRNhttp://www.isrn.com/journals/ss/2012/424171/cta/](http://www.isrn.com/journals/ss/2012/424171/cta/).

Nadhomi, D.L., **J.S. Tenywa**, J.G.M. Majaliwa. 2013. Adaptation of RUSLE to Model Erosion Risk in a Watershed with Terrain Heterogeneity. *International Journal of Advanced Earth Sciences and Engineering* Vol 2, No 1. ISSN 2320-3609. <http://scientific.cloud-journals.com/index.php/IJAESE/article/view/140>.

Wanaku, B., J.S. **Tenywa** and M.C. Rwakaikara-Silver. 2013. Effects of Coffee Husks Application and Placement Methods on Populations of Nitrifying Bacteria in A Banana -Cropped Soil Profile. *International Journal of Horticultural & Crop Science Research (IJHCSR)* 3 (2): 101-109.

Cyamwishe, R.A., **Tenywa, J.S.**, Ebanyat, P., **Tenywa, M.**, Mukuralinda, A. Nduwamurenzi, A. 2013. Phosphate sorption characteristics of andosols of the volcanic highlands of Central African Great Lakes Region. *Journal of Environmental Science and Engineering A* 2. p89-96. <http://www.worldagroforestrycentre.org/publications/publicationsdetails?node=54529>

Nadhomi, D.L., J. S. **Tenywa**, P. Musali, B. R. Nakileza. 2013. Farmers' Perception of Erosion Risk and Its Implication on the Adoption of Soil and Water Conservation Practices. *International Journal of Advanced Agricultural Sciences and Technology* Volume 2, No 1. <http://scientific.cloud-journals.com/index.php/IJAASST/article/view/Sci-122>.

Musinguzi, P., **J. S. Tenywa**, P. Ebanyat, M. M. Tenywa, D.N. Mubiru, T.A. Basamba. 2013. Soil organic carbon thresholds and nitrogen management in tropical agroecosystems: Concepts and prospects. *Journal of Sustainable Development* Volume 6, No. 12 DOI: 10.5539/jsd.v6n12p31. <http://www.ccsenet.org/journal/index.php/jsd/article/view/29014>.

Patrick Musinguzi, Peter Ebanyat, **John Stephen Tenywa**, MajaliwaMwanjalolo, Twaha Ali Basamba, Moses MakoomaTenywa, Cheryl Porter. 2014. Using DSSAT-CENTURY Model to simulate soil organic carbon dynamics under a low-input maize cropping system. *Journal of Agricultural Science* 6(5)

Namugwanya, M., J.S. Tenywa, E. Otabbong, D. N. Mubiru and T. A. Masamba. 2014. Development of Common Bean (Phaseolus Vulgaris L.) Production Under Low Soil Phosphorus and Drought in

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Sub-Saharan Africa: A Review. Journal of Sustainable Development. DOI: 10.5539/jsd.v7n5p128.<http://www.ccsenet.org/journal/index.php/jsd/article/view/38006>.

Musinguzi, P. J.S. **Tenywa**, P. Ebanyat, T. A. Basamba, M.M. Tenywa, D.N. Mubiru and Y.L. Zinn. 2015. Soil organic fractions in cultivated and uncultivated Ferralsols in Uganda. *Geoderma Regional*4: 108–113.

Ddamulira, G., Tenywa, J.S. and Mubiru, D.2015 Integration of Cover Crops and No-till Improved Maize Yield in Eastern Uganda. *International Journal of Plant & Soil Science* 6(2): 93-100. DOI:10.9734/IJPSS/2015/14376.

Musinguzi, P. P. Ebanyat, **J. S. Tenywa**, T. A. Basamba, M. M. Tenywa and D. Mubiru. 2015. Precision of farmer based fertility ratings and soil organic carbon for crop production on a Ferralsol. *Solid Earth Discuss.* 7: 1237-1261. doi:10.5194/sed-7-1237-2015.

Tenywa, J.S., Orapa,N., Nankya.E. and Walekwa,P. 2015. Leveraging retailers for fertilizer extension service provision in Uganda. *Journal of Agriculture* 2(4).

E. Nankya, **J.S. Tenywa**, S. Nkalubo and L.N. Mulumba.2015. Response of tissue zinc to zinc application by zinc dense bean genotypes grown by low income communities. *International Journal of Plant and Soil Science* 7(3):172-179.

George Kilande, **John Stephen Tenywa**, Mary Christine Rwakaikara-Silver and Alice Amoding-Katusabe. 2016. Cattle urine as fertiliser: Micro-biochemical change in fermenting cattle urine and implications on plant nutrient conservation. *British Microbiology Research Journal* 11(2):1-10.

Namugwanya Margaret, John Stephen Tenywa, Erasmus Otabbong and Twaha Ali Basamba. 2016. Root Architectural Development and Yield Sensitivity of Phosphorus Tolerant Common Bean under Low Soil Phosphorus and Drought. *International Journal of Plant & Soil Science* 9(3): 1-10, 2016; Article no.IJPSS.19451 ISSN: 2320-7035. DOI: 10.9734/IJPSS/2016/19451

Patrick Musinguzi, Peter Ebanyat, John Stephen Tenywa, Twaha Ali Basamba, Moses Makooma Tenywa and Drake Mubiru. 2016. Critical soil organic carbon range for optimal crop response to mineral fertiliser 3 nitrogen on a Ferralsol. *Experimental Agriculture* 1-19. DOI: <http://dx.doi.org/10.1017/S0014479715000307>

Tenywa, J. S., S. Muwanga, C. Owuor, J.P. Esele, and P.L. Woomer 2016. Response of Sorghum-groundnut to Row Arrangement and Orientation under Nominal Nitrogen Management. *Journal of Agriculture and Ecology Research International* 6(3): 2394-1073. DOI : [10.9734/JAERI/2016/19493](https://doi.org/10.9734/JAERI/2016/19493)

Tumuhairwe,J.B. and Tenywa, J.S. 2018. Bacterial community changes during composting of municipal crop waste using low technology methods as revealed by 16S rRNA. *African journal of environmental science and technology*2(6):209-221. <https://doi.org/10.5897/AJEST2018.2479>

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Muzira, R., Basamba, T., Tenywa, J.S. 2018. Assessment of Soil Nutrients Limiting Sustainable Potato Production in the Highlands of South-Western Uganda. *Open Access Library Journal* 5 (3):DOI: 10.4236/oalib.1104440.

Muzira, R., Tenywa, J.S., Basamba, T. 2018. Linking Soil Conservation in Potato Production Systems in the Highlands of Southwestern Uganda to Gender and Farmer-Market Types. *Open Access Library Journal* 5(4). DOI: 10.4236/oalib.1104422

Nakanwagi, J., Tenywa, J.S., Mukisa, M.I., Wasukira, A., Wagoire, W.W., Wobibi, S., Nakamya, J., Beesigamukama, D. and Aryampa, S.N. 2018. Effect of nitrogen stress amelioration on status of break flour yield of soft wheat for making bread. *Journal of Agricultural Science and Food Technology* 4(1):1-8.

Namugwanya, M., Tenywa, J.S. and Otabbong, O. 2018. Response of Common Bean Genotypes Grown in Soil with Normal or Limited Moisture, with Special Reference to the Nutrient Phosphorus 3. *Agronomy* 2018, 8, 132; doi:10.3390/agronomy8080132

Odong, T.L., Tenywa, J.S. and Nabasirye, M. 2019. Revisiting application of statistics IN Agricultural Research in sub-Saharan Africa: Entry points for improvement. *African Crop Science Journal* 27(3): 529 – 544. DOI: <https://dx.doi.org/10.4314/acsj.v27i3.14>

Proceedings publications

Tenywa, J.S. 1999. Agronomic constraints to land productivity in Uganda. pp.35-39. M.M. Tenywa, M.A. Bekunda, A. Lufafa and G. Taulya (Eds.). *Participatory Soil Fertility and Land Management in Uganda: Challenges and Opportunities*. Soil and Water Conservation Society of Uganda Technical Report No. 2. p.82.

Lapaka, O.T. and J.S. Tenywa. 1999. Bean response to nitrogen, phosphorus and rhizobia in central Uganda. pp. 78-84. In: J.S. Tenywa, J.Y.K. Zake, P. Ebanyat, O. Semalulu and S.T. Nkalubo (Eds). *Soil Science Society of Uganda Proceedings of the 17th Conference*. October 6-10, 1999, Kampala, Uganda

Nyende, P. J.S. Tenywa, M. Kidoido and J. Oryokot. 1999. Effect of soil fertility management on the performance of finger millet in eastern Uganda. pp.119-123. In: J.S. Tenywa, J.Y.K. Zake, P. Ebanyat, O. Semalulu and S.T. Nkalubo (Eds). *Soil Science Society of East Africa Proceedings of the 17th Conference*. October 6-10, 1999, Kampala, Uganda.

Okia, C.A., J.S. Tenywa and M.I. Mbalule. 1999. Effect of *Ficus mucosa* on soil chemical properties in banana plantations in Uganda. pp. 124-130. In: J.S. Tenywa, J.Y.K. Zake, P. Ebanyat, O. Semalulu and S.T. Nkalubo (Eds). *Soil Science Society of Uganda Proceedings of the 17th Conference*. October 6-10, 1999, Kampala, Uganda

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Ssendawula, J., J.S. Tenywa and J.Y.K. Zake. 1997. The potential for urban market garbage as a soil fertility input: The case of Kampala city. In: African Crop Science Society Proceedings 3: 275-282.

Bazira, M.H., M.A. Bekunda and J.S. Tenywa. 1997. Decomposition characteristics of mixed grass and banana residues and their effects on banana plant performance. In: African Crop Science Society Proceedings 3:421-428.

Tenywa, J.S. and C.M. Rwakaikara-Silver. 1998. The other side to weed problems in crop production. Pp. 13-19. In: AdipalaEkwamu, G. Tusiime and P. Okori (Eds). The 16th East African Biennial Weed Science Conference Proc. 15-18 September, 1997, Kampala, Uganda. ISSN 1028-8791.

Rachier, G.O., C.S. Wortmann, J.S. Tenywa, & D.S.O. Osiru. 1999. Phosphorus acquisition and utilisation in common bean: mechanisms of efficient and genotype differences. In: African Crop Science Society Proceedings 4:187-193.

Tenywa, J.S., E. Adipala, P. Okori, H. Seguya and G. Joubert. 1999. African Crop Science Journal: A survival kit for African scientists. In: African Crop Science Society Proceedings 4:667-671.

Amoding, A. and J.S. Tenywa. 2003. Urban crop waste utilization for soil fertility improvement in crop production systems. *Soil Science Society of East Africa proceedings*. pp 133- 137.

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Curriculum vitae for Dr. John Stephen Tenywa, Email johntenywa@gmail.com,

+256-772-487404

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Membership to Professional Bodies

- Treasurer of the Governing Council of the African Crop Science Society
- Member of the International Editorial Board of the African Crop Science Journal
- Member of the International Federation of Science Editors
- Member of the Soil Science Society of East Africa