

## CURRICULUM VITAE

### A: GENERAL

NAME: OCHWOH VICTOR AKANGAH  
PLACE AND DATE OF BIRTH: Tororo District, 15 January 1950  
NATIONALITY: Ugandan  
ADDRESS: Department of Agriculture, Faculty of Science and Education, Nagongera Campus, Busitema University, P.O. Box 236, Tororo, Uganda  
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### B: EDUCATION

1. 1998 – 2002 University of Pretoria, RSA, Ph. D.
2. 1974 - 1976 Makerere University, M.Sc. Agric. (Soil Science, Conferred 1979)
3. 1971 - 1974 Makerere University, B.Sc. Agric. (Rural Economics and Extension)

### C: WORK EXPERIENCE

1. February 2014 to Present: Employed first as Assoc. Professor in the Department of Agricultural Mechanization and Irrigation Engineering (Feb. 2014-Feb. 2020) and now Professor (from March, 2022) with the Faculty of Education, Nagongera Campus). I also served as Coordinator (2014 – 2018) of the Directorate of Graduate Studies, Research and Innovations at Busitema University.
2. 15<sup>th</sup> January 2010 – 15<sup>th</sup> January 2013: Worked on Contract as Assoc. Professor in the Department of Agricultural Production, School of Agricultural Sciences, College of Agricultural and Environmental Sciences (CAES), Makerere University.
3. 30<sup>th</sup> August 2006: Appointed Associate Professor in the Department of Soil Science, Makerere University.
4. 22<sup>nd</sup> April 2005 – 2<sup>nd</sup> May 2009: Head, Department of Soil Science, Makerere University
5. 1984 – 2006: Senior Lecturer, Department of Soil Science, Makerere University
6. October 1980 - 1984: Joined the Department of Soil Science, Makerere University as a Lecturer
7. 1974 (March) – 1976 (Dec.): Worked as a Graduate Assistant in the Department of Soil Science, Makerere University, while carrying out research for the award of an M.Sc. Agric. (Soil Science) Degree.

### D: FIELD OF SPECIALIZATION

My major fields of specialisation are in Soil Chemistry/Soil Fertility/Land use and Management. I am involved in Action Research, Collaborative Research and Joint Student Training Programmes. My current research thrusts are in the areas of Rice Nutrition, Phosphorus Fractionations, Sustainable use of Land Resources and Climate Smart Agriculture. I have considerable trainings in Proposal Writings and Reviews.

**E: RESEARCH PROJECTS UNDERTAKEN/PARTICIPATED IN:**

1. 2014 – To Date: Systems Intensification of Rice (SIR) Research – AICAD Project
  - a. 2013 – 2015: Management of Rhizobia, Phosphorus, Potassium and Sulphur to Enhance
  - b. Soybean Yield on Slope-Positions of Isingiro South-Western Uganda – AGRA Project
2. 2004 – 2006: Testing Integrated Soil Nutrient Management Technology Options Under the Teso Farming System in Eastern Uganda. Sponsored by RUFORUM
3. 1994-1996: A Survey on the Occurrence, Character, Causes and Management of High Manganese in some Uganda Soils - Sponsored by International Fellowship of Sciences (IFS, Sweden).
4. 1992-1995: In collaboration with Mr. David Katwire: Studies on the Problems of Acidity in some Ferralsols, Acrisols and Reclaimed Swamp soils of Uganda – Sponsored by African Academy of Sciences (AAS):
5. 1991-1995: In collaboration with Dr. C. Wortmann: Screening Beans for Manganese Toxicity, Sponsored by CIAT Regional Bean Programme in Eastern Africa.
  - a. 1990-1992: Identification of Acid Tolerant Bean Varieties and Their Responses to Phosphorus and Lime Treatments, Sponsored by Makerere University Research Grant.

**F: PUBLICATIONS AND PRESENTATIONS****I: THESIS**

1. Victor A. Ochwoh, 2002. The Dynamics of Phosphorus Extractability, Adsorption, and Desorption Rates as Influenced by Phosphorus Applications and Incubation Times (PhD. Thesis, University of Pretoria, RSA).
2. Victor A. Ochwoh, 1979. The Effects of Organic Materials on Cation Exchange Capacity (CEC) of some Ugandan Soils. (M.Sc. Agric. Thesis, Makerere University).

**G: REFEREED JOURNALS**

- a. **Ochwoh, V.A., E. Nankya, P. C. De Jager, A. S. Claassens. 2016. The Impact of Phosphorous Applications and Incubation Periods on P-Desorption Characteristics with Successive DMT-HFO-P Extractions on P Fixing Soils.** International Journal of Plant & Soil Science 13(6): 1-14, 2016; Article no.IJPSS.27884. ISSN: 2320-7035. Available online at: <http://www.sciencedomain.org/issue/2113>
- b. **Ochwoh, V.A., Nankya, E., Abulo P., Obuo, P. 2015. Influence of nitrogen and phosphorus fertilizer application on grain yield of upland rice in Eastern Uganda.** African Journal of Crop Science ISSN 2375-1231 Vol. 3 (9), pp. 230-233, November, 2015. Available online at [www.internationalscholarsjournals.org](http://www.internationalscholarsjournals.org) © International Scholars Journals

- c. Wanyama, I., **V.A. Ochwoh**, E. Nankya, P.J.A. Van Asten. 2015. **Optimisation of major nutrients (N, P and K) for lowland rice production in Eastern Uganda**. International Journal of Agronomy and Agricultural Research (IJAAR) 7(2), 218-227, August, 2015. ISSN: 2225-3610 (Online) <http://www.innspub.net>
- d. Omiat, E. G., J. M. Ssebuliba, **V. A. Ochwoh** and J. Bisikwa. 2015. **Sweet potato tuber yield and carotenoid response to green manure and inorganic fertilisers in eastern Uganda**. African Journal of Applied Agricultural Sciences and Technologies [Online] Vol. 2 [1]: 92-103.
- e. **Ochwoh V. A.**, Nankya E., Claassens A. S., C. J. Steenkamp. 2015. **Transformations and Distributions of the Applied and Native Phosphorus into Different Phosphorus Pools in Incubated Rustenburg and Loskop soils**. International Journal of Agriculture Innovations and Research. Volume 3, Issue 5, ISSN (Online) 2319-1473: 1571-1578.
- f. Kyakuwaire, M., **Ochwoh, V.A.** Kakudidi, E. Tumuhairwe, J. 2015. **Characterization of Soil Conditions for Wild Edible Plants' Habitats in Semi-Arid Areas of Uganda**. International Journal of Agriculture Innovations and Research. Volume 3, Issue 6, ISSN (Online) 2319-1473: 1686-1690.
- g. **Victor A. Ochwoh**, Andreas S. Claassens, and P.C. de Jager, 2005. Chemical Changes of Applied and Native Phosphorus During Incubation and Distribution into different soil Phosphorus Pools. *Communications in Soil Science and Plant Analysis*. Vol.36: 335-556
- h. S. M. Kasozi, B. Bashasha, and **V. Ochwoh**, 2005. Economics of Sorghum Production and Soil Fertility Management in Kabale Highlands, Uganda. *Journal of Food, Agriculture & Environment* Vol.3 (3&4): 105-109.
- i. P. Abulo, G. Olupot, **V.A. Ochwoh** and E. Adipala, 2005. Effect of phosphate fertilizer and pesticide application on the yield of ground nuts in central Uganda. *African Crop Science Conference Proceedings*, Vol.7: 37-40.
- j. **Victor A. Ochwoh**, A.S. Claassens and P.C. de Jager, 2003. The effects of applied P and incubation times on the P transformations and contribution of stable P pools to the labile P following successive DMT-HFO-P extractions of a high and low P fixing soils. *African Crop Science Conference Proceedings*, Vol. 6: 526-535
- k. **Victor A. Ochwoh**, 1997. Studies on the Management of Manganese Toxicity in Some Soils of Uganda. *African Crop Science Conference Proceedings*. Vol.3:593-601.
- l. Wortmann, C.S., L. Lunze, **Ochwoh, V.O.A.** and J. Lynch, 1995. Bean Improvement for Low Fertility Soils in Africa. *African Crop Science Journal*, Vol.3: 469-477.

**H: CHAPTER IN A BOOK**

1. Mark B. Peoples, Elizabeth W. Boyer, Keith W.T. Goulding, Patrick Heffer, **Victor A. Ochwoh**, Bernard Vanlauwe, Stanley Wood, Kazuyuki Yagi, and Oswald van Cleemput, 2004. Pathways of Nitrogen Loss and Their Impacts on Human Health and the Environment. In Eds. A.R. Mosier, J.K. Syers, and JR. Freney. *Agriculture and the Nitrogen Cycle: Assessing the Impacts of Fertilizer Use on Food Production and the Environment*. SCOPE; 65: 53-69
2. **Ochwoh, V.A.** and Zake, J.Y.K., 1981. The Effects of Three Organic Materials on Cation Exchange Capacity of Three Ugandan Soils. In: B. Stonehouse (ed.). *Biological Husbandry*. Butterworth and Co. Ltd. London, UK. pp. 219-226.

**I: PROCEEDINGS AND BULLETINS**

1. **Ochwoh, V.A.** and A.S. Claassens, 2003. The Effects of different P Application Rates and Incubation Periods on P Desorption Rates with Successive DMT-HFO-Pi Extractions on Two South African Soils. In: Tenywa, J.S., Tenywa, M.M., Bekunda, M.A. and Taulya, G. (Eds.) *Proceedings of the 20<sup>th</sup> Conference of the Soil Science Society of East Africa, 02-06 Dec. 2002, Mbale, Uganda*. pp222-229
2. **Victor A. Ochwoh**, 1994. Screening Bean Genotypes for Tolerance to Manganese Toxicity. In: C.S. Wortmann (Ed.) *Bean Improvement for Low Fertility Soils in Africa (BILFA): Proceedings of a Working Group Meeting, 23-26 May, 1994, Kampala, Uganda*. *Network on Bean Research in Africa, Workshop Series No. 25*. Pp 25-29.
3. **Victor A. Ochwoh**, 1993. Screening Beans for Manganese Toxicity Tolerance in Uganda. In: J.B. Smithson (Ed.). *Proceedings of the Third Multidisciplinary Workshop on Bean Research in Eastern Africa, Thika, Kenya, 19-22 April 1993*. *Network on Bean Research in Africa, Workshop Series No. 28*. Pp 177-187.
4. **Victor A. Ochwoh**, C.S. Wortmann, and S.N. Kasozi, 1993. Screening Beans for Manganese Toxicity Tolerance in Uganda. *Proceedings of the 13th Annual General Meeting of Soil Science Society of East Africa. November 29-December 3, 1993, Mwanza, Tanzania*.

**J: MEMBERSHIPS**

1. Soil Science Society of Eastern Africa
2. Soil and Plant Analysis Council
4. International Society of Soil Science
5. Soil Science Society of South Africa
6. African Crop Science Society