**CURRICULUM VITAE**

**Isaiah Nthenga**

(Entomologist/ Nematologist/ ICM specialist with wide range of research and academic experience in the cultural, biological, and chemical methods of controlling insect pests)

**Recent Job:** Agricultural Research Officer at the Zambia Agriculture Research Institute.

**PERSONAL INFORMATION**

1. **Date of Birth:** 27 / 08 / 1980
2. **Marital status:** Married + 2 Children
3. **Nationality:** Zambian
4. **Address:** House No. 47, Mount Makulu

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**EDUCATION AND TRAINING**

**Master of Science in Nematology**

University of Ghent, Belgium (2013)

**Research focus**: Distribution, diversity and identification of new species of entomopathogenic nematodes (Steinernematidae and Heterorhabditidae) in agricultural and natural ecosystems.

**Others**

1. 02/2015 - 11/2015 MAS (Integrated Crop Management), University of Neuchâtel, Switzerland.
2. 02/2003 - 07/2006 BSc (Biological Sciences), University of Zambia.
3. 01/2001 - 11/2002 A-Level, Sathya Sai, Zambia.
4. 01/1996 - 11/1998 School Certificate, Chamboli High School.

* **Research Experience**

I have wide experience in developing and implementing research on the control of insect pests using the following methods or control agents:

1. The use of cultural, bio-control and chemical pesticides against field and storage pests.
2. The use of entomopathogenic nematodes against insect pests,
3. To identify pests and recommend control strategies

* **Teaching experience**
* I supervise students from Universities and Agriculture colleges who come to do research with our institution.

1. **Culturing of insects**

* Expert in rearing and culturing of the following insects *Galleria mellonella*

1. **Laboratory techniques**

* Expert in using different bioassays of testing and evaluating the efficacy of pesticides and bio-control agents against insect pests.
* Expert in using the methods of isolation and characterisation of the entomopathogenic nematodes and the bacteria associated and the different methods of mass-producing entomopathogenic nematodes *in vivo* or *in vitro*.
* **Control of stored product insects and pests**
* Expert in the different methods of controlling stored product pests including fumigation, use of pesticides and storage hygiene.
* **Additional skills**

**Computers:** Expert in the working and using the following softwares: Word, Excel, PowerPoint and the use of the latest molecular bioinformatics programmes.

**Driving Licence:** Full andvalid Zambiandriving licence.

1. **Membership**

Member of the Entomological Society of Zambia.

**AWARDS**

1. Awarded MSc Scholarship by VLIRS - Belgium
2. Awarded MAS-ICM Scholarship by CABI - Switzerland

**PERSONAL INTERESTS**

1. **Sports:** I play football and table tennis.
2. **General:** I enjoy reading novels and history books.

**RESEARCH PUBLICATION**

1. Nthenga, I., Knoetze, R., Berry, S., Tiedt, L. R., & Malan, A. P. (2014). *Steinernema sacchari* n. sp. (Rhabditida: Steinernematidae a new entomopathogenic nematode from South Africa. *Nematology,* 16 (4), 475-494.

**REFEREES**

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