

SAMPLE PROFILE PAGE

Name	Mr. James Osare Nyanapah		
Qualifications	Date	Qualification	Institution
	1990	B.Sc. (Agriculture)	University of Nairobi
	1993	M.Sc. (Plant Pathology)	University of Nairobi

Picture(JPEG or better)



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Brief Bio My career goal is to contribute to identification, incubation and dissemination of expertise that can significantly address the paradox of increasing agricultural production without compromising quality and sustainability of ecosystem services. Pursuant this goal, I have been active in research, teaching, extension and outreach over the last 30 years since graduation with the degrees of B. Sc. (Agriculture) and M.Sc. (Plant Pathology) from the University of Nairobi. Part of the knowledge, skills and experience I have accumulated over these years has been useful in expansion and enhancement of crop production and yield both locally and regionally. A considerable portion of my professional life has been devoted to teaching. The course units that I have taught at tertiary level include; Introduction to Microbiology, Introduction to Statistics, Fundamentals of Research, Principles of Plant Pathology, Experiment Design and Analysis, Plant Disease Control, Plant Genetic Resources Conservation and Utilization, Breeding for Resistance to Pests and Diseases, Mushroom Production and a few others. Most students that I have taught have graduated and are now pursuing

fulfilling careers in Kenya and beyond.. A substantial number of my former students also conducted their research projects under my guidance and supervision. My research interests include genetics of resistance to plant disease as well as temporal and spatial dynamics of plant epidemics. I have published a number of articles in peer-reviewed journals.

Current and past research

- 1) Genetic and epidemiological analysis of quantitative resistance to plant diseases (ongoing).
- 2) Acceleration of adaptation to climate change using improved sesame genotypes and agronomic practices.
- 3) Sesame improvement for medium potential areas of western Kenya

Publications

- 1). **Nyanapah, J. O.**, Ayiecho P.O., Nyabundi J.O., Otieno W and Ojiambo P.S. 2020. Field Characterization of Partial Resistance to Gray Leaf Spot in Elite Maize Germplasm. *Phytopathology*, 110(10):1668-1679
<https://doi.org/10.1094/PHYTO-12-19-0446-R>
- 2). **Nyanapah, J. O.**, Simbowo, F.O., Dida, M.M., and Otieno, W. 2005. Effect of Proximity to Slender Leaf (*Crotalaria brevidens*) on the Growth and Yield of Intercropped Finger Millet (*Eleusine coracana*). Pages 141-151 in "Proceedings of the fifth workshop on sustainable horticultural production in the tropics 23rd to 26th November 2005 at the Agricultural Resources Centre, Egerton University, Kenya
- 3). **Nyanapah, J.O.** 2003. The student-supervisor contract: What are the obligations and who is the referee. Pages 121-129 in 'Toward Harmonization of Post-graduate Training Through Improved Relationships'. Proceedings of Workshop held on 24th-25th April, 2003. German Academic Exchange Service. 149pp. .
- 4). Ojiambo, P.S., **J.O. Nyanapah**, C. Lung'aho, J.K. Karinga and Kidanemariam 2000. Comparing different epidemiological models in field evaluations of selected *Solanum tuberosum* clones for resistance to *Phytophthora infestans* (Mon.) De Barry in Kenya. *Euphytica* 111: 211-218
- 5). Carson, M. L., Goodman, M. M., Williamson, S. M., Haralambous, V., and **Nyanapah, J. O.** 1997. Pathogen variability as a potential cause of

- genotype × environment interaction in maize gray leaf spot trials. (Abstr.) *Phytopathology* 87:S15.
- 6). **Nyanapah, J.O.**, P.O. Ayiecho and J.O. Nyabundi. 1996. Conditions influencing growth and sporulation of *Cercospora* sesame and *C. sesamicola*. *E.A. Agric. Forestry J.* 61(2)
 - 7). **Nyanapah, J.O.**, P.O. Ayiecho and J.O. Nyabundi. 1995. Evaluation of sesame cultivars for resistance to white and angular leaf spots. *A. Afr. For. J.* 60: 115-121
 - 8). **Nyanapah, J.O.**, P.O. Ayiecho and J.O. Nyabundi. 1993. Pathogenicity of *Cercospora* sesame and *C. sesamicola* on sesame and its wild relatives. *Sesame and Safflower Newsletter.* 8: 19-21
 - 9). **Nyanapah J.O.** 1992. Cultural studies on two *Cercospora* species and their interactions with some *Sesamum* germplasm in Kenya. MSc Thesis. University of Nairobi. 104pp

Honors and awards

- 1) Gamma Sigma Delta Life Membership in recognition of high scholarship, outstanding achievement or service (North Carolina State University Chapter)
- 2) First Class Honors in Bsc (Agriculture) degree
- 3) Dean's List Award for Best 3rd year student, 1989
- 4) Dean's List Award for Best 2nd year student, 1989