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Short Biography

- Born in 1956 at Embu, Kenya. Attended University of Nairobi for BSc in 1977-1980; MSc at University of Manitoba (Canada) 1982-1986 and PhD at Kenyatta University in 2002-2007.

Research Interests: Agronomy and soil fertility

Publications in Journals:

1. **Josiah N. Gitari**, Seth Amboga, James Ouma, Antony M. Gitunu, Catherine Muriithi, Linus Kanga, David Kinga, Lutta W. Muhammad, Esther Njuguna, F. Murithi, M. Gichangi and Bernard Pelletier. 2012. Spatial Variation of Soil Nutrient Stocks in Semi-Arid Tharaka Districts of Eastern Kenya. *E. Afr. agric. For. J.* (2012) 78(1),113-118
2. **J.N. Gitari**, J. G. Mureithi, C.K.K. Gachene, D.N. Mugendi and J.B. Kung'u. 2011. The Performance of Maize (*Zea mays*) and *Lablab purpureus* under Different Intercropping Densities and Sowing Intervals in the Central Highlands of Kenya. *International Journal of Professional Practice* 2011: 2(3) 247 - 255.

3. **Gitari, J.N.** and J.G. Mureithi. 2004. Effect of phosphorus fertilizer on legume nodule formation Mount Kenya region. *East African Agricultural and forestry Journal* 69: 183-187.
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8. Marshal, G. and **J. N. Gitari**. 1988. Studies on growth and development of *Oxalis latifolia* HBK. *Ann. Appl. Biol.* 52: 143-150. Printed in Great Britain.

Presentation of Papers at Academic and Professional Conferences

1. **J.N. Gitari**, D.N. Mugendi, J. G. Mureithi, J.B. Kung'u and C.K.K. Gachene. 2003. The Role of Plant Residues in Soil Productivity: Farmers' Knowledge and Practices in Embu District, Kenya. In: Proceedings of the 21st Soil Science Society of East Africa (SSSEA) held on 1-5 December 2003 at Eldoret, Kenya. pp 479-490.
2. **Gitari J.N.** J.G. Mureithi, S. K. Karumba and K. Mwaniki. 2000. Green Manuring for Maize Production in Smallholder Farms in the Eastern and Central Kenya Region. 2000. In: Mureithi et al. (eds) Proceedings of the 2nd Soil and Water Management and Legume Research Network Project. Mombasa. Kenya. June 2000. pp 121-128.
3. **Gitari J.N.** J.G. Mureithi, S. K. Karumba and K. Mwaniki. 2000. Integrated Use of Green Manure, Cattle Manure And Inorganic Fertilizer for Increased Maize Production In Mid Altitude Areas Of Central Kenya. In: Mureithi et al. (eds) Proceedings 2nd Soil and Water Management and Legume Research Network Project. Mombasa. Kenya. June 2000. pp 115-120.
4. **Gitari J.N.** and J.G. Mureithi. 2000. Legume response to phosphorus application in Mount Kenya region. In: Proceedings of the 18th Soil Science Society of East Africa (SSSEA) held on 4-8 December 2000 at Mombasa, Kenya. pp 155-159.
5. Micheni, A., D. Mugendi, M. Mucheru, J. Mugwe, J. Kung'u, S. Oto, F. Murithi, and **J. Gitari**. 2000. Low-cost soil fertility management strategies for improving maize production in the central highlands of Kenya. In: Proceedings of the 18th Soil Science Society of East Africa (SSSEA) held on 4-8 December 2000 at Mombasa, Kenya. Pp 11-

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7. **Gitari, J.N.**, E.A. Dyck and P Maina. 1997. Legume screening for soil fertility improvement, food and fodder utilization in medium altitude areas of Mount Kenya region. In: J.N.Mureithi, C.W.Mwendia, F.N.Muyekho, M.A.Anyango and S.N.Maobe (eds) Participatory Technology Development for Soil Management by Smallholders in Kenya. A compilation of selected papers presented at the 1st Soil Management and Legume Research Network Project Conference: Kanamai, Kenya on March 24-26,1997. pp 121-131.
8. **Gitari, J.N.**, F.K. Kanampiu and F.M. Matiri. 1996. Maize yield gap analysis for mid altitude areas of eastern and central Kenya region. In: Proceedings of the 5th KARI scientific conference held in Nairobi, Kenya. October, 1996. pp 215-225.
9. **Gitari, J.N.** 1993. Herbicide evaluation for broadleaved weed control in wheat. 14th Weed science Society of Eastern Africa. Arusha. Tanzania pp 23-24.
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11. **Gitari J.N.** 1989. Growth analysis studies of Oxalis latifolia 1989. 12th Biennial Conference of Weed science Society of Eastern Africa. Arusha. Tanzania. Pp 18-22.
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13. Irungu J.N., **J.N.Gitari**, and J.N.G. Muthamia. 1997. Performance of wheat (*Triticum aestivum*) in non-traditional wheat growing areas of semi-arid eastern Kenya. In: J.N.Kangara, A.J. Sutherland and M. Gethi. Participatory Dryland Agricultural Research East of Mount Kenya. Held at Izaak Walton Inn, Embu on January 21-24, 1997. pp 257-131.

Books/Book Chapters Published

1. **Gitari, J.N.**, F.M.Matiri, I.W.Kariuki, C.W.Muriithi and S. P. Gachanja. 1999. Nutrient and Cash Flows Monitoring in Farming Systems on the Eastern Slopes of mount Kenya. In: Smaling E.M.A., O.Oenema and L.O.Fresco (eds) *Nutrient Disequilibria in Agroecosystems: Concepts and Case Studies*. CAB Publishing International. ISBN No. 0 85199 268 4. pp 211-228.
2. Mburu, M. W. K. and **J. N. Gitari**. 2006. Maize-Mucuna Intercropping System in Kenya. In: Mureithi, J.G. *et.al.* (eds) Enhancing Agricultural Productivity in East Africa: Development and up-scaling of green manure legume technologies in Kenya. Epite Press Ltd. Nairobi. Pp 97-123.
3. Mureithi, J.G., **J.N. Gitari**, E.A. Okwuosa, D.K. Bunyatta, G.O. Mwangi, W. Akuno. 2006. Farmer Field School (FFS) approach for scaling-up soil management technologies. In: Mureithi, J.G. *et.al.* (eds) Enhancing Agricultural Productivity in East Africa: Development and up-scaling of green manure legume technologies in Kenya. Epite Press Ltd. Nairobi. Pp 347-361.
4. Chemining'wa, G.N., M.D.G. Njarui, **J.N. Gitari** and S.N. Maobe. 2006. Response of green manure legumes to phosphorus application and rhizobia inoculation. In: Mureithi *et.al.* (eds) Enhancing Agricultural Productivity in East Africa: Development and up-scaling of green manure legume technologies in Kenya. Epite Press Ltd. Nairobi. Pp 45-60.

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