CURRICULUM VITAE

1. **Family name:** Singano
2. **First names:** Charles Diverson
3. **Nationality:** Malawian
4. **Country of Residence:** Malawi
5. **Contact details:** Chitedze Agricultural Research Station, P.O. Box 158, Lilongwe, Malawi

6. **Education:**

Institution [Date from - Date to]	Qualification obtained:
2015-2020	Doctor of Philosophy (PhD) in the field of Postharvest Management of crops from the University of Zimbabwe.
2008-2010	Master of Science in Food Safety and Quality Management (Postharvest Technology) from University of Greenwich in United Kingdom
1999-2003	Bachelor of Science degree in Agriculture majoring Crop Science (University of Malawi)

7. **Language skills:** (1 - excellent; 5 - basic)

Language	Reading	Speaking	Writing
English	1	1	1

8. **Membership of professional bodies:**

Member of Society for Professional Agriculturists in Malawi

9. **Specialisation** (e.g. Agronomy, soil fertility, agricultural economics, veterinary science etc.) Grain Postharvest Management Technologies
10. **Present position:** Chief Agricultural Research Scientist

Key Skills: Microsoft Word, GenStat, R-Programming, Microsoft Excel, MStat-C and Microsoft Power Point.

11. **Specific experience:**

Country	Date from - Date to
Malawi	2003-date
Botswana	April to December 2018

12. **Professional experience (Formal employment and Assignments/consultancies)**

Date from - to	Location	Organisation	Position	Description of Duties and achievements
2003-date	Lilongwe, Malawi	Department of Agricultural Research Services	Chief Agricultural Research Scientist	The work involves designing, implementing, analyzing data and reporting to the relevant authorities and also at international workshops and meetings. Released 15 technologies within 18 years of working under the department and at the same time trained extension staff in topics related to postharvest. Additionally, I have trained more than 300 qualified fumigators
Jan-Dec 2016	Lilongwe, Malawi	Lilongwe University of Agriculture and Natural Resources (LUANAR)	Postharvest consultant	Food loss assessments in maize and groundnuts in Malawi. Publish one paper
April-August 2015	Lilongwe, Malawi	ICRISAT	Postharvest consultant	Designing and data collection of Postharvest losses in Groundnut. Managed to publish one paper

13. Publications

1. Mutamiswa, R., Machekano, H., Singano, C.D., Joseph, V., Chidawanyika, F., Nyamukondiwa, C. 2021. Desiccation and temperature resistance of the larger grain borer, *Prostephanus truncatus* (Horn) (Coleoptera: Bostrichidae): pedestals for invasion success? *Physiological Entomology*, https://doi.org/10.1111/phen.12355.

2. Singano, C.D., Mvumi, B.M., Stathers, T.E., Machekano, H., Nyamukondiwa, C. 2020. What does global warming mean for stored-grain protection? Options for Prostephanus truncatus (Horn) control at increased temperatures. *Journal of Stored Product Research,* https://doi.org/10.1016/j.jspr.2019.101532
3. Machekano, H., Mutamiswa, R., Singano, C.D., Joseph, V., Chidawanyika, F., Nyamukondiwa, C. 2020. Thermal resilience of Prostephanus truncatus (Horn): Can we derive optimum temperature-time combinations for commodity treatment? *Journal of Stored Product Research*
4. Singano, C.D., Mvumi, B.M., Stathers, T.E. 2019. Effectiveness of grain storage facilities and protectants in controlling stored-maize insect pests in a climate-risk prone area of Shire Valley, southern Malawi. *Journal of Stored Product Research,* 83, 130-147

5. Tefera, T., Teshome, A., Singano, C.D. 2018. Effectiveness of improved hermetic storage structures against maize storage insect pests *Sitophilus zeamais* and *Prostephanus truncatus. Journal of Agricultural Science*, 10, 100-106

6. Matumba, L., Singano, L., Pungulani, L., Mvula, N., Matumba, A, Singano, C., Matita, G., 2017. Aflatoxins, discolouration and insect damage in dried cowpea and pigeon pea in Malawi and the effectiveness of flotation/washing operation in eliminating the aflatoxins. *Mycotoxin Research*, 33, 129–137
7. Matewele, M and Singano, C. (2015). The breeding potential of local maize varieties as source of resistance to the maize weevil and larger grain borer in Malawi, *Malawi Journal of Agriculture, Natural Resources and Development Studies,* 1, 1, 21-30.
8. C.D. Singano, (2013). Comparison between a new and three established insecticide cocktails for the protection of stored maize against *Prostephanus truncatus* (Horn) (Coleoptera, Bostrichidae) and *Sitophilus zeamais* Motschulsky (Coleoptera, Curculionidae). *International Journal of Agricultural Research* 1 (1) 8-14
9. Singano C.D., Kimenju, S., De Groote H., Hellin J. (2012). Comparison of the effectiveness of storing maize in a metal silo to existing storage methods for protecting against infestation by *Prostephanus truncatus* and *Sitophilus zeamais* in Malawi. *International Journal of Agricultural Research* 1 (1) 1-7

10. Professional Referees

Prof. Brighton Mvumi (PhD)

Professor (Postharvest Science & Technology; Biopesticides)

Chairman, Department of Agricultural and Biosystems Engineering, Faculty of Agriculture, Environment and Food Systems; University of Zimbabwe

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