

JOURNAL PUBLICATIONS FROM OR RELATED TO OFRA

- Wortmann, C.S, and Z.P. Stewart. 2021. Nutrient management for sustainable food crop intensification in African tropical savannas. *Agron. J.* 113:4605-4615. <http://dx.doi.org/10.1002/agj2.20851>
- Wortmann, C.S., A. Bilgo, K. Kaizzi, F. Liben, M. Garba, N Maman, I. Serme, and Z. Stewart. 2021. Perennial grass ley rotations with annual crops in tropical Africa. *Agron. J.* 113:4510-4526 <https://doi.org/10.1002/agj2.20634>
- Liben, F., D. Wegary, C. Wortmann, Z. Stewart, H. Yang, J. Lindquist, T. Tadesse, H.K. Kim. 2020. Nitrogen response functions targeted to technology extrapolation domains in Ethiopia using CERES-Maize. *Agron. J.* <https://doi.org/10.1002/agj2.20439>
- Wortmann, C., T. Amede, M. Bekunda, C. Kome, P. Masikati, K. Ndungu-Magiroyi, S. Snapp, Z. Stewart, M.E. Westgate, Z. Zida. 2020. Improvement of smallholder farming systems in Africa. *Agron. J.* 2020:5325–5333. <https://doi.org/10.1002/agj2.20363>
- Serme, I., B. Tarfa, K. Ouattara, C.S. Wortmann. 2020. Maize response to applied nutrients for the Sudan and Guinea Savannas of West Africa. *Agron. J.* 112:2230-2239. DOI:10.1002/agj2.20152
- Liben, F.M., A. Tigist, A. Obsa, A., B. Israel, B. Hayelom, C.S. Wortmann. 2020. Maize and sorghum nutrient response functions for Ethiopia. *Nut. Cycl. Agroecosyst.* 117:401-410. DOI: 10.1007/s10705-020-10077-7
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- Nabahungu, N.L, A.R. Cyamweshi, J. Kayumba, C.J. Mirali, A. Mukuralinda, and C. Wortmann. 2020. Lowland rice yield and economic response to fertilizer application in Rwanda. *Agron. J.* 112: 1423-1432. OI: 10.1002/agj2.20006
- Assefa, A., C. Wortmann, Y. Dessalegn, K. Tesfaye, T. Tano, N. Dechassa. 2019. Maize-lupine intercrop response to applied nitrogen and phosphorus in northwestern Ethiopia. *Afr. J. Agric. Res.* 14:294-302. <doi.org/10.1002/agj2.20020>
- Wortmann, C.S., K.C. Kaizzi, N. Maman, R.A. Cyamweshi, M. Dicko, M. Garba, M. Milner, C. Senkoro, B. Tarfa, C. Kibunja, M. Munthali, P. Nalivata, D. Nkonde, L. Nabahungu, K. Ouattara, I. Serme. 2019. Diagnosis of crop nutrient deficiencies in sub-Saharan Africa. *Nutr. Cycl. Agroecosys.* <Doi.org/10.1007/s10705-018-09968-7>.
- Wortmann, C.S., M. Dicko, N. Maman, C. Senkoro, B. Tarfa. 2018. Fertilizer application effects on grain and storage root nutrient concentration. *Agron. J.* 110:1-7. <doi:10.2134/agronj2018.04.0274>

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Book chapters

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Published data sets

Wortmann CS, Kaizzi KC, Maman N, Cyamweshi A, Dicko M, Garba M, Milner M, Senkoro C, Tarfa B, Tettah F, Kibunja C, Munthali M, Nalivata P, Nkonde D, Nabahungu L, Ouattara K, Serme. 2019 Data from: Diagnosis of crop secondary and micro-nutrient deficiencies in subSaharan Africa. doi:10.5061/dryad.5t065bb

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