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Effect of Mulching and Permanent Planting Basin Dimensions on Maize (*Zea mays* L.) Production in a Sub-Humid Climate

Alex Zizinga^{1,*}, Jackson-Gilbert Majaliwa Mwanjalolo^{1,2}, Britta Tietjen³ , Bobe Bedadi⁴, Geoffrey Gabiri⁵ and Kizza Charles Luswata⁶

- ¹ Africa Centre of Excellence for Climate Smart Agriculture and Biodiversity Conservation, Haramaya University, Dire Dawa P.O. Box 138, Ethiopia; majaliwam@gmail.com
 - ² Regional Universities Forum for Capacity Building in Agriculture, Makerere University, Kampala P.O. Box 317, Uganda
 - ³ Institute of Biology, Theoretical Ecology, Freie Universität Berlin, Königin-Luise-Str. 2/4, Gartenhaus, D-14195 Berlin, Germany; britta.tietjen@fu-berlin.de
 - ⁴ School of Natural Resource Management and Environmental Sciences, College of Agriculture and Environmental Sciences, Haramaya University, Dire Dawa P.O. Box 138, Ethiopia; bobedadi2009@gmail.com
 - ⁵ Department of Geography, Faculty of Arts and Humanities, Kyambogo University, Kyambogo P.O. Box 1, Uganda; geofreygabiri@gmail.com
 - ⁶ Department of Agricultural Infrastructure, Mechanisation and Water for Agricultural Production, Ministry of Agriculture, Animal Industry and Fisheries, Entebbe P.O. Box 102, Uganda; kizluswata@gmail.com
- * Correspondence: azizinga@gmail.com; Tel.: +256-774284497

Abstract: In sub-humid regions, declining maize (*Zea mays* L.) yield is majorly attributed to unreliable rainfall and high evapotranspiration demand during critical growth stages. However, there are limited farm technologies for conserving soil water and increasing water use efficiency (WUE) in rainfed production systems amidst a changing climate. This study aimed at assessing the performance of