



Meta-data Info for the LASER Ejimakor Project Data

Dataset Title	LASER Productivity of Maize Growers in Zambia Dataset
Brief Description	<p>This dataset represents information on maize germination, yield, and levels of soil organic carbon from demonstration plots in Kabwe, Zambia. Maize that was produced using conventional methods were compared with those that were planted using Salvation Farming Solutions (SFS) methods. SFS methods involve the treatment of seeds and/or plots with one or more of the following: seed treatment, soil treatment, organic fertilizer treatment.</p> <p>The data consists of observation on 10-day germination rates of planted maize, maize yields and levels of soil organic carbon on different plots of land based on conventional farming practices and the use of Salvation Farming Solutions methods. Salvation Farming Solutions methods consist of one or more combinations of seed, soil and organic fertilizer treatments.</p>
Data Asset Authors	Brian Tiberious Etyang, Leonard Sonnenschein and Godfrey Ejimakor
Citation when using this data	Etyang, B.T., L. Sonnenschein, and G. Ejimakor. 2023. LASER Productivity of Maize Growers in Zambia Dataset. West Lafayette, IN: Long-term Assistance and Services for Research – Partners for University-Led Solutions Engine (LASER PULSE Consortium).
Overview (value)	This data on germination and yield of maize in Zambia is valuable in evaluating efforts to close the gap that exists between potential and actual yield of maize in Zambia and other sub-Saharan African countries. It is also useful in studying how the food security status could be improved in such countries. Farm productivity studies that relate to limited access to operating inputs such as fertilizer and changes in the level of soil organic carbon could also benefit from this data. In addition, studies on rural economic empowerment could potentially benefit from this data set.
Data Last Change Date	June 30, 2023
Keywords	farmers, fertilizer, germination, maize, productivity

Primary Country	Zambia
Additional Countries	n/a
Sector	agriculture, food security, economic development
Content of a row	an observation (data from a respondent)
Overview (de-ID)	Information that can personally identify a respondent has been removed to anonymize the data.
Proposed Access Level	Public
OU of Origin (funding)	USAID/DDI/ITR
USAID Award #	7200-AA-18-CA-00009
Award Comp. Date	2028-07-31
Task Order Comp. Date	2023-09-30
COR/AOR Name	Brent Wells
COR/AOR Email	brewells@usaid.gov
Data Curator (LASER)	Frederick Rossi
Curator Email	frossi2@nd.edu