Data Dictionary for: Mozambique Fertilizers data

This data dictionary refers to the files:

- Mozambique_Fertilizers.csv

These data can obtained from: http://dx.doi.org/10.25380/iastate.8214428

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ABOUT

A field study was conducted with common bean in the village of Mangone, Gurue District, Zambezia, Mozambique. The data were compiled to test whether the addition of N, P, K, S, Zn, and lime would influence yield components. Data are mean values from each of three farms in Mangone for bean plant stand density, pod density, pod weight, and grain yield. Usage of this dataset has no copyright or propriety restrictions other than citation of the appropriate manuscript.

FUNDING

TIMELINE

Creation/Collection – January 2015
Last Update – 1 Dec 2017
Temporal Start – 1 July 2015
Temporal End – 30 June 2016

KEYWORDS

Common bean; Phaseolus vulgaris; bean leaf number; nutrient deficiency symptoms; nutrient omission;

Mozambique_Fertilizers.csv

The data table contains 17 columns and 10 rows of information.

Name	Label	Type
i01	Year	Continuous
i02	Province	Discrete
i03	District	Discrete
i04	Village	Discrete
i05	Farmer	Discrete
i06	Treatment name	Discrete Liming (1) Liming+fertilizer (2) Control (3)
i07	Replicate	Continuous
i08	Treatment	Continuous
i09	Lime rate (Mt/ha)	Discrete
i10	N rate (nitrogen, kg/ha)	Discrete
i11	P rate (phosphorus, kg/ha)	Discrete
i12	K rate (potassium, kg/ha)	Discrete
i13	S rate (sulfur, kg/ha)	Discrete
i14	Zn rate (zinc, kg/ha)	Discrete
i15	Plant stand (plants/ten m2)	Continuous
i16	Pod count (number/five m2)	Continuous
i17	Pod weight (g/five m2)	Continuous
i18	Seed weight (g/five m2)	Continuous