



2015 BHEARD Scholar
Salouma Macalou

Profile

Country of Study:	Kenya
University:	Egerton University
Department:	Crops, Horticulture and Soils
Student Position:	Graduate Research Assistant – M.Sc.
Hometown:	Sikasso, Mali
Home Institution:	The Institute of Rural Economy
Home Position:	Research Assistant
Mentored By:	Home: Mr. Nagazana Kone University: Amos Musando, Professor Samuel Mwonga, Professor

Research Area: Soil Science

BHEARD PROGRAM START DATE: August 2015

UNDERGRADUATE EDUCATION: Agronomy Engineering, Rural Polytechnic Institute for Applied Research and Training, Mali

RESEARCH INTERESTS: Salouma’s research topic is titled, “Effect of NPK inorganic fertilizer on cassava (*Manihot esculenta* Crantz) yield in ultisols of Sikasso, Mali.”

Salouma is interested in soil science for many reasons. He comes from a Sahelian country where soil nutrient management has a lot of issues leading to low productivity of the land. Secondly, according to NEPAD the number of soil scientists in Africa is only 2 percent in the field of Agriculture.

Salouma will continue working with his institute on fertilization study trials. The trials will examine crops such as Arish potato, sweet potato, yam, etc., and are aimed at making recommendations to the producers.

PERSONAL STATEMENT: Salouma’s goal in the future is to identify an optimum dose of organic and inorganic fertilizer related to crops and soil types in Mali and Africa. He would like to help rural landowners understand the process of nutrient dynamics in the soil to maximize their interest on it.

WHEN I AM NOT WORKING I ENJOY: Salouma enjoys playing football, reading adventure books or debating with friends.