



Biochar/compost project in Ghana

K. Roessler and F. Jenny
(kathrin.roessler@fu-berlin.de)

In cooperation with the organization Abokobi Society Switzerland (ASS) the biochar/compost project tries to assist impecunious farmers in the Tamale /Walewale area in the northern region of Ghana. The soil of these farmers is often overused and low in organic matter and minerals. Field tests have been carried out since 2009 in the Walewale area and in the year 2011 also in the Tamale area. In 2011 combinations of Biochar with other natural fertilizers were tested, such as poultry manure and compost. By using the combination of biochar, compost and poultry manure as an organic soil improvement material the soil quality could be improved and higher crop yields of 50% and more could be achieved, without the use of chemical fertilizer. It is possible to achieve remarkably higher crop yields for a longer period of time, with only one single application. Local farmers were shown the new trial results in the field. They were convinced by the positive results of the crop yields. Those who would also like to improve the soil of their fields, could be given initial aid allowing them to help themselves to improve their dire situation.

The biochar/compost project provided the occasion to raise awareness amongst local farmers for sustainable agriculture.