

YaraMila™ Actyva™ enhanced maize yield compared to current farmers practices



May 2009, Yara Ghana Ltd and Wienco Ghana Ltd co-funded an association for the maize growers in the 3 Northern regions (Upper East, Upper West and North). This association called **Masara N'Arziki** is located in Tamale. Its aims at addressing the challenges that the maize farmers are facing all along the value chain (inputs, harvesting, warehousing...). ([=> Masara Leaflet download](#))

A key point of this project is **the supply of good quality inputs and technical support** to the farmers. July 2009, Yara Ghana Ltd provided **1,500 mt of fertilizers** (e.g. YaraMila Actyva) on credit and set up a demonstration program.

This program was jointly conducted with Masara N'Arziki in 4 locations: 2 in Tamale metro (Janjeri-Kukuo, Duuyuo) and 2 in Damongo (Agric extension, Number1). The main goal of this experiment was to demonstrate **the technical and cost efficiencies of the Yara nutrition package for maize in Ghana:**

- YaraMila Actyva 1 bag/acre at planting
- YaraMila Actyva 2 bags/acre at 4 WAP (weeks after planting) or in split application 1bag/acre at 4 WAP and 1 bag/acre at 5 WAP

Those treatments were compared to a first treatment combining YaraMila Actyva and urea, and also to the traditional farmers practices using T15 and ammonium sulfate. We planted obatampa proseed at a planting distance of 20 cm * 75 cm.

October 2009, **a field day** has been hold at the Tamale location to show the results to the different partners in the agric sector: SARI, MoFA, farmers, agro-dealers and NGOs were invited to this great

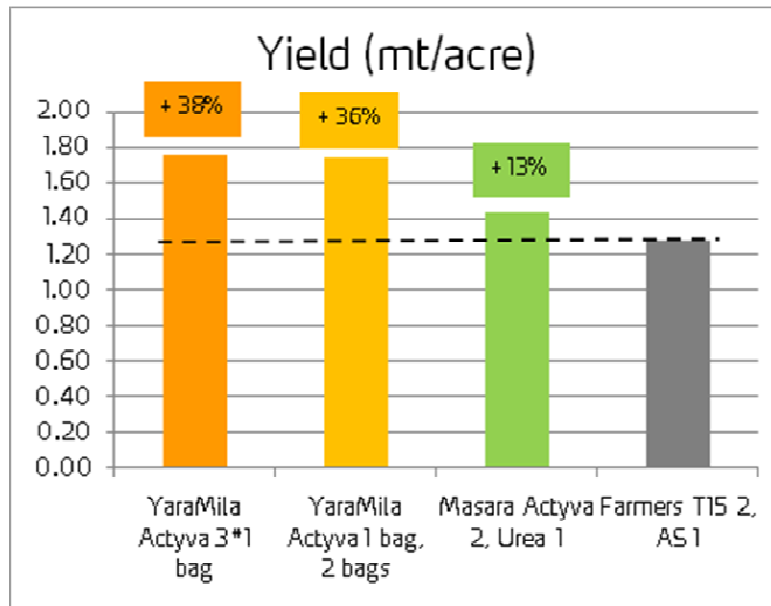


event, **a total of 110 participants attended.** Yara Ghana Ltd invited also all the guests to other trials conducted in collaboration with SARI on soybean. The visit started at our depot in Tamale named Iddisal Co Ltd who is our biggest distributor all over the country.



The demonstration plot has showed the positive impact of YaraMila Actyva on maize, and many guests got impressed by the results. After harvesting, the **YaraMila Actyva nutrients package produced almost 18 maxi bags of maize per acre (1.8 mt/acre) which represents**

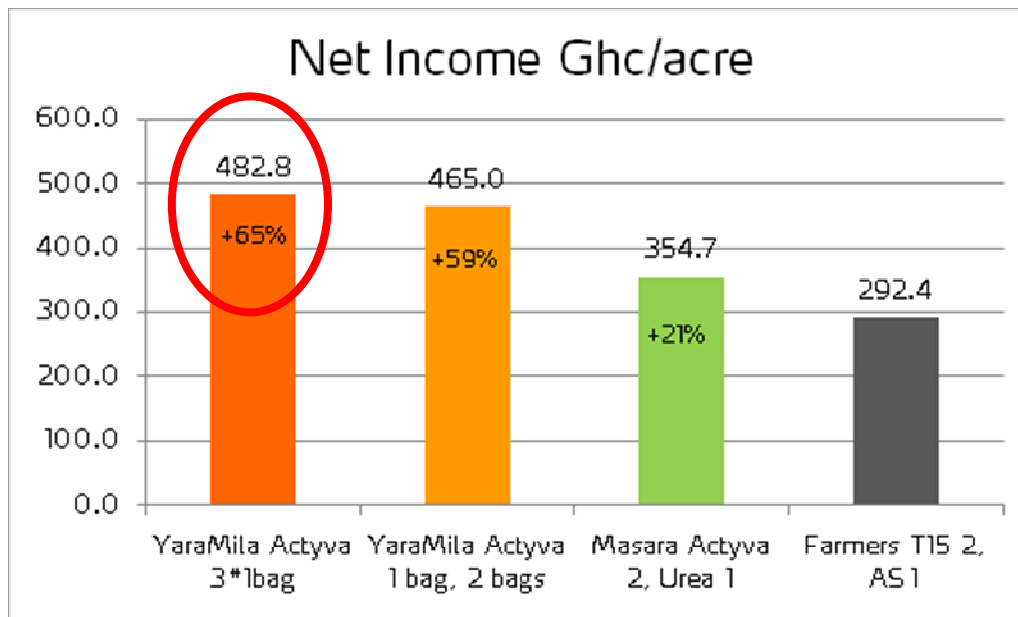
38% extra yield compared to the farmers practices which gave 12 maxi bags (1.2 mt/acre). This significant increase also influences the **net income for the farmers of 65% per acre more** than with the traditional practices.



As with a the

Actyva nutrition package – a specific compound prilled NPK designed for maize - **the farmer can make more money!**

conclusion, YaraMila



Of course Yara Ghana Ltd wants to replicate this project. We will therefore, in collaboration with Masara N'Arziki enlarge the demonstration program in the North in 2010. To all farmers-members, this great experience can happen on your field!

If you are a maize grower, you have experimented our YaraMila Actyva, and you got satisfaction from it, please send us **your testimony** at marion.martinez@yara.com. As we want to make Ghanaian agriculture moving forward with innovative technology and modernization, we all need to share knowledge and experience. Thank you!