

## SoyaKit to Launch with MEDA in Ghana 30 Unit Pilot Project Co-Sponsored by Alpro

The SoyaKit is an inexpensive “Home Business in a Box” which enables production of 7 L / hr of soymilk or yoghurt, 1 kg / hr of tofu or more than 10 L / hr of soy porridge using 100% of the soybean plus a local starch component such as maize or sorghum flour or meal. This output capacity is also ideal for schools and other institutions. It does not require electricity, and uses heat-retention cooking to reduce fuel cost, smoke etc. by more than 50%. The end-user cost without subsidy will be under \$290. As a home based business, it can profitably provide high quality nutrition for the family and nearby consumers, with products that are much less expensive than similar products derived from cow or goat milk.

MEDA (Mennonite Economic Development Associates) has a major program in Northern Ghana called GROW (Greater Rural Opportunities for Women), which focuses on food security, mainly by assisting women farmers to grow, use and sell more soybeans. [www.meda.org](http://www.meda.org) 30 SoyaKits will be distributed with training to qualified micro-entrepreneurs in the community. They will be assembled by MM in Ghana with components from 3 countries, plus some local ones. Each kit contains 12 components including a manual grinder, heat retention cooking bag, nylon filter bags and other soyfood preparation utensils. For more details on the SoyaKit see <http://www.malnutrition.org/soyakit> . Alpro is a long-time supporter of Malnutrition Matters and also sponsors the SoyaKit. [www.alpro.com](http://www.alpro.com)

## Pilot Trials in Burundi & D R Congo

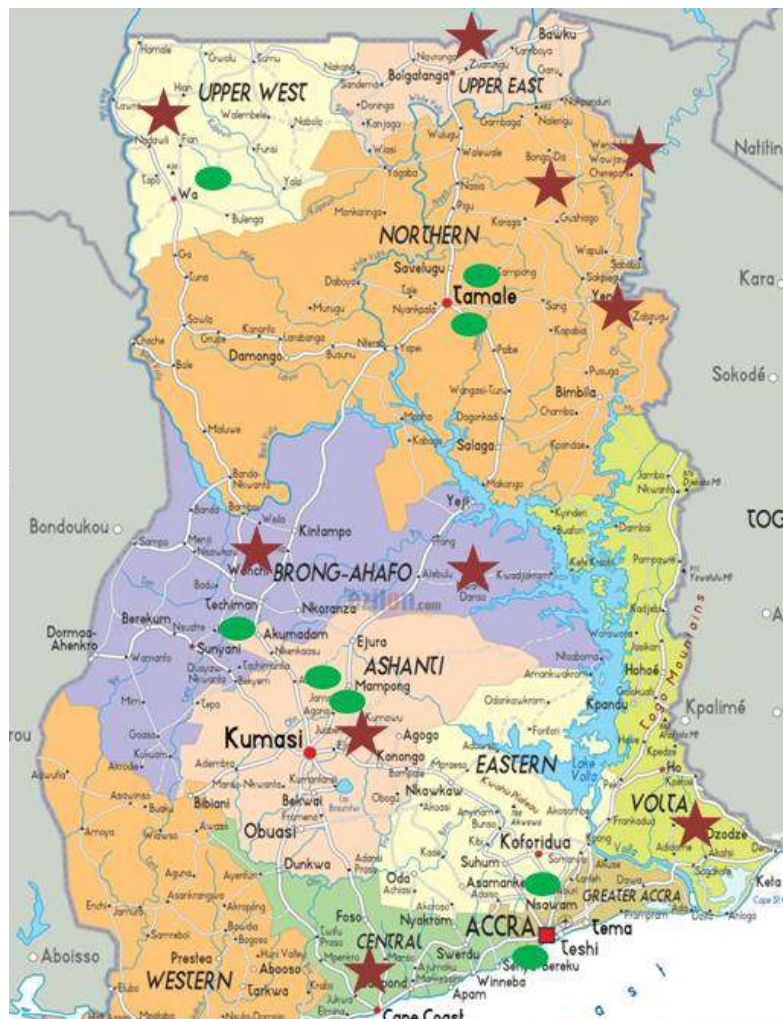
After demonstrations in Belgium by MM associate Danilo Callewaert, two single SoyaKit pilot projects are in development. Kaloma Bamiriyo, a humanitarian leader in Bu (near Kinshasa) DR Congo, will work with the kit to promote the new product concept of “wholesoy” enriched cassava porridges. Emile Mbazumutima, a Catholic priest, will produce with another one at a school feeding project in Kiryama, Burundi.

# SoyaKit Process



## Ghana: Rural Enterprises Program Phase (REP) III SoyCow, PedalPro and SolarFlex Update

The REP III program, funded by the African Development Bank, the International Foundation for Agricultural Development and the Government of Ghana, and implemented by the Ministry of Trade and Industry in Ghana,



is dedicated to economic development of the rural areas of Ghana. SolarFlex and SoyCow equipment (with PedalPro option) has been delivered to 10 sites in Ghana, as shown at left.

Installation and training by Malnutrition Matters personnel will start this quarter. The production and sale of affordable soymilk and derivative products such as soy yoghurt, soy porridge and tofu will improve nutrition and enable sustainable operations creating employment in these locations. Locally grown soybeans will be used. Some sites may also partner with local entrepreneurs.

The SolarFlex systems will be used and promoted for economical solar drying of food to reduce post-harvest losses and improve food security. Some additional SoyCow and SolarFlex equipment is intended to be produced at various Rural Technology Facilities in Ghana, after transfer of technology to enable local fabrication.

- ★ - new SoyCow and SolarFlex sites for REP III
- - existing VitaGoat and SoyCow sites

### Two SolarFlex “Small Farm” Dryers for Kenya

Pilot projects have begun with two local partner agencies. The photo at right shows the dryer of SOFDI in Emutswitswi. This is a project at a local primary school funded by “A Better World”, a Swiss based NGO. <http://www.sofdi.com/> They have begun by drying “black nightshade” and cowpeas along with other vegetables.

The second dryer is at ACE Africa in Bungoma. <http://www.ace-africa.org/> They are drying local fruits and vegetables for sale. Both SolarFlex dryers were installed by MM's Kenya-based technician Tom Agalo.

