

**ROOTING OUT HUNGER IN MALAWI THROUGH NUTRITIOUS ORANGE  
FLESHED SWEETPOTATO (OFSP) PROJECT**



**Figure 1: Hope for Life Dance Troupe in action during Orange Fleshed Sweet Potato (OFSP) Demand Creation & Awareness Campaign at Makolera village, GVH Makolera, Traditional Authority Mkhumba in Phalombe district on 28<sup>th</sup> October, 2011**

**Year III Report for Concern Universal-MOBI+LISE Orange Fleshed Sweet Potato  
Phalombe & Mulanje Project, October, 2011-September, 2012**

## **Introduction**

International Potato Centre (CIP) in partnership with Ministry of Agriculture, Department of Agriculture Research Services (DARS), with funding from Irish Aid is implementing an Orange Fleshed Sweet Potato (OFSP) project entitled “Rooting out hunger in Malawi through a nutritious Orange Fleshed Sweet Potato (OFSP)”. This project is a 4.5 years project which started in 2009 and will phase out in 2013. The project aims at contributing to the reduction of vitamin A deficiency in vulnerable households with under five children, pregnant women, people with HIV & AIDS, child headed households and orphans through provision of clean & healthy, early maturing and high yielding orange fleshed sweet potato vines.

In order to achieve its objectives CIP and Government of Malawi are working with different non-governmental organizations namely Concern Universal in Mulanje, Phalombe and Dedza, Millennium Village Project (MVP) in Zomba, Catholic Development Commission in Malawi (CADECOM) in Chikhwawa. Currently, CIP has extended its partnership with other NGOs such as Farmers Union of Malawi (FUM) in Lilongwe and Dowa, Kachere Farmers Club in Salima, Food and Agriculture Organization (FAO) in Kasungu & Mzimba, Wellness & Agriculture for Livelihood Advancement (WALA) in Nsanje, Mulanje, Thyolo, Balaka, Machinga, Chikhwawa & Chiradzulu.

In Phalombe the project started in 2009 and was being implemented through the Mkhumba Boundary Communities Livelihood Improvement Project (MBCLIP) which phased out in December, 2010. MBCLIP was a partnership of Concern Universal (CU), Wildlife and Environmental Society of Malawi (WESM) and Mulanje Conservation Trust (MMCT). Since the OFSP project was on going at the time when MBCLIP was phasing out and that USAID MOBI+LISE (USAID Mount Mulanje Biodiversity Increases Livelihood Security) project, under the same partnership of organisations started in January, 2010 but implemented in MBCLIP project impact area and beyond, the Project Management Committee (PMC) recommended that MOBI+LISE should take over implementation of OFSP activities. In Mulanje this project started towards the end of 2011. This report therefore depicts what Concern Universal MOBI+LISE project has achieved with Irish Aid funding through CIP within the period of one year (October, 2011 to September, 2012).

### **Project goal:**

The goal for OFSP project is to ensure the provision of high quality, disease free primary OFSP planting material, and to promote them in order to improve vitamin A and energy intake for at least 70,000 rural households with young children. To ensure that at least 20% of households growing OFSP earn at least \$100 USD per year from OFSP sales, and increase average sweet potato yields among participants by 50%.

### **Objectives**

In order to achieve the project goal the project is being guided by four objectives namely;

- To improve vitamin A intake for rural vulnerable groups in Malawi through effective establishment of DVMs and media-based demand
- Increase effective demand by changing the perception of sweet potato, and develop fresh root marketing chains for OFSP in the Blantyre market and reduce fluctuations in overall sweet potato supply to the fresh market.
- Increase the production and quality of sweet potato in intensifying farming systems to ensure surplus production for sale and decrease the length of the hunger season
- Increase the capacity of DARS to produce clean, tissue culture sweet potato plantlets, maintain primary multiplication sites, and design and conduct seed systems and ICM research.

## **Achievements**

### **Orange Fleshed Sweet Potato Demand Creation Awareness Campaign**

The project conducted demand creation and awareness campaign for OFSP both in Mulanje & Phalombe. The major objective of the activity was to increase knowledge on production, processing and utilization of zondeni sweet potato. Specific objectives of the activity were to increase knowledge on the following areas;

- Importance of OFSP in terms of food security, crop diversification, nutritional value, health, profitability, processing and utilization
- Agronomic practices for growing zondeni sweet potato i.e. when and where to plant, how to plant, spacing, where to source seed (vines), how and how much, when to harvest.
- Identification of beneficiaries; Criteria for identifying beneficiaries, and project target

These campaigns were done through drama, dance troupe and speech by community leaders, government and CU-MOBI+LISE extension staff. Hope for Life dance troupe and drama group was used to disseminate messages in Phalombe while in Mulanje Paubale Dance and drama group was used to disseminate various messages pertaining to OFSP. Figure 2 below shows Senior Chief Nkanda addressing the audience during the demand creation awareness campaign at her court in Mulanje. In Phalombe these campaigns were conducted with Irish Aid funding through CIP while in Mulanje campaigns were conducted with USAID funding through Mount Mulanje MOBI+LISE project. In Phalombe the activity was conducted from 26<sup>th</sup> up to 28<sup>th</sup> October, 2011 at 5 different venues while in Mulanje the activity was conducted at 6 different venues.

In Phalombe demand creation awareness campaign was conducted at Nkhulambe EPA Offices, Nambiti Health Centre, Naminjiwa EPA Offices, Bwanaisa village head court and Makolera village head court. In total 2, 126 people consisting of 640 men, 1043 women & 443 children attended these demand creation & awareness campaigns. In Mulanje these campaigns were conducted at Mujiwa Village, Malilima School, Tchete Village, Lauderdale

Primary School, Nkanda Senior Chiefs court and Mthuruwe Primary School ground. In total 4, 001 people consisting of 741 men, 1, 274 women, and 1, 986 children attended these demand creation awareness campaigns. As a result of demand creation & awareness campaign most communities gained knowledge and they expressed interest to grow OFSP, this was observed in all venues both in Mulanje & Phalombe.



**Figure 2:** Senior Chief Nkanda, addressing the audience during the OFSP demand creation campaign while MOBI+LISE Agriculture Coordinator (first from left) is taking notes of her Speech

### **Identification of Beneficiaries**

Soon after demand creation awareness campaigns beneficiary identification and registration process started in November, 2011. The process was done by community leaders (village implementation committee, village development committee and village heads) themselves but facilitated by government Agriculture Extension Development Officers (AEDOs) and supervised by Concern Universal-MOBI+LISE Project Agriculture Activities Coordinator in collaboration with District Horticulture Officers from Mulanje & Phalombe District Agriculture Office. The role of community leaders was to provide registers of vulnerable people in the village while the role of AEDOs was to shortlist based on the project set selection criteria. Concern Universal-MOBI+LISE Project Extension staff was responsible for verification and compilation of data. Through this process the project identified 6, 727 (2218 males & 4509 females) beneficiaries. Out of these beneficiaries 3, 492 (1334 males & 2158 females) are from Mulanje district while 3, 235 (884 males & 2, 351 females) are from Phalombe. These beneficiaries are from 6 Extension Planning Areas (EPAs), 8 traditional



authorities (TAs), 24 group village heads (GVHs), and 140 villages both in Mulanje and Phalombe. (Refer annex 1).

### **Distribution of OFSP Vines through Coupon System**

The project facilitated distribution of 6,727 International Potato Centre (CIP) vouchers to 6,727 beneficiary households to be used for redeeming OFSP vines from 60 (36 male & 24 female) decentralized vine multipliers (DVM). As of the reporting period, 6,727 vouchers were redeemed by DVMs, this represents 100 % of the vouchers issued. All the DVMs have been paid money amounting to MK1, 026, 875.00 for redeeming the 6, 727 vouchers.

Approximately 45 Ha was cultivated with OFSP, assuming that all 6, 727 beneficiaries had planted their vines at a recommended spacing of 75 cm between ridges and 30 cm within a row.

### **Training of Beneficiaries on Orange Fleshed Sweet Potato Production**

Soon after the CU-MOBI+LISE in collaboration with district agriculture offices both in Mulanje and Phalombe issued 6, 727 CIP OFSP vouchers to beneficiary households, the project conducted the infield training for OFSP beneficiaries. The fields which were used as training sites are demonstration sites for OFSP. This training was aimed at increasing knowledge and skills on OFSP production. This was done through a one day orientation and demonstration to farmers. This was done both in Mulanje and Phalombe by CU-MOBI+LISE project and government agriculture extension staff. In Phalombe this exercise was done through Irish Aid funding through CIP while in Mulanje it was done by USAID funding through MOBI+LISE project. In Phalombe this exercise was conducted at 28 different venues, in total 579 people consisting of 208 males & 371 females attended these infield trainings. In Mulanje infield OFSP production trainings were conducted at 18 different venues, in total 347 beneficiaries consisting of 154 males & 193 females attended. Further details on OFSP demonstrations sites can be found in annex 3 & 4. As a result of in-field OFSP production training farmers acquired skills on recommended OFSP production practices such as ridge making, planting, weeding, pest control and wound healing.

### **Monitoring of OFSP Beneficiary Fields and Decentralized OFSP Vine Multipliers Nurseries**

The project conducted field monitoring visits to a few farmers' fields to assess whether farmers have planted OFSP vines in their fields or not, besides it was done to establish how the crop is performing in the field. This was done jointly between CU-MOBI+LISE Project & government extension staff both in Mulanje and Phalombe. This exercise was conducted on 19<sup>th</sup>, 24<sup>th</sup>, 25<sup>th</sup>, and 26<sup>th</sup> January, 2012 and then 13<sup>th</sup> to 17<sup>th</sup> February, 2012. It was discovered that all the 6, 625 beneficiary farmers accessed OFSP vines and planted them, it was also found out that DVM had a surplus of about 1500, 8 Kgs bags (three thousand 4 Kgs bundles of OFSP vines), this was enough for the remaining 102 farmers who had not yet accessed

their vines hence the project had an excess of about 1003.5, 8 Kgs bags (2007, 4 Kgs bundles) of OFSP vines. Beneficiaries who planted early in November, 2011 soon after the onset of rains had a very good crop stand in their field and had already started harvesting. According to government yield estimate, there was an overall drop of maize production across the project impact area due to poor rainfall pattern in the year, however the decline was compensated by the increased production of orange fleshed sweet potato. Sweet potato yield was estimated at 18 tonnes per hectare, lower than that of 2010/11 growing season which was at 20 tonnes per hectare despite the fact that sweet potato yield per unit area decreased in 2011/12 growing season, the total cultivated area and overall yield increased. In total it was expected that 810 metric tonnes of storage roots was harvested from a 45 Ha land.



**Figure 3.** Field monitoring team visits a 0.7 Ha tertiary vine multiplication field for Mr. & Mrs. Menard Winesi of Bwanaisa village, GVH Bwanaisa, TA Mkhumba in Phalombe

### **Establishment of Existing OFSP demand within and outside the Impact area**

Noting that there was a surplus of OFSP vines in the nursery, the project managed to establish the demand for OFSP vines. It was discovered that there was a very big demand for OFSP vines both in and outside project impact area however there were no additional coupons to distribute to farmers, besides most of these beneficiaries were left out because they were not qualifying the selection criteria for CIP OFSP beneficiaries. The additional

demand for OFSP vines within the Concern Universal MOBI+LISE project impact area was at 6, 343 bundles of 4 Kgs, while outside the CU-MOBI+LISE project impact area was at 540 bundles. The CU-MOBI+LISE project sought market on behalf of DVMs for 540 bundles of vines from the Phalombe district council which bought vines for dry spell affected communities in the area of Traditional Authority Chiwalo, in Mpinda EPA in Phalombe. In addition the MOBI+LISE Project procured 4, 059 bundles of 4 Kgs of vines for 4, 059 households from both Phalombe & Mulanje. The remaining 2, 284 households procured vines on their own. All the additional 6, 343 beneficiaries accessed OFSP vines and planted them.

### **Orange fleshed Sweet potato field day**

Concern Universal-MOBI+LISE Project in collaboration with Mulanje District Agriculture Office with funding from the USAID conducted an OFSP field day on 19<sup>th</sup> April, 2012 at Senior Chief Nkanda's court at Chambe in Mulanje. The theme of the field day was ***Crop & Dietary Diversification, Key to Good Health & Well Being***. The District Commissioner was the Guest of Honour during this function. This field day was aimed at displaying best sweet agronomic practices that are promoted by the project through farmers. Besides the field day also displayed various OFSP recipes that are being promoted by the project. This function attracted stakeholders both at district as well as at community level. Some of the stakeholders present include the District Council, Forestry Department, Fisheries Department, Agriculture Department, Plan International, Africare, World Vision, MuREA and AYISE. Community stakeholders present include Senior Chief (SC) Nkanda, Group Village Heads (GVHs), Village Heads (VHs), Village Development Committee (VDC) members, area stakeholder panel, lead farmers and farmers. International Potato Centre (CIP) was also present and supported the function with cooking oil and OFSP storage roots for making fried chips during the field day.

CIP also took a leading role in displaying drip irrigation system. In total there were at least 2, 241 people present composed of 726 males, 1271 females, 93 boys and 151 girls. Issues on display during the field day include; rapid seed multiplication by farmers, drip irrigation by CIP, field OFSP production by farmer, variety selection trial plots by a farmer, manure making by a farmer, energy efficient stoves (*chitetezo mbaula*) by farmers as well as a variety of OFSP recipes by farmers. Figure 3 below shows a farmer explaining to invited guests how to grow OFSP during the field day.



**Figure 4.** Mr. Self Gowani of Mphwanye village, GVH Kukada, TA Nkanda in Mulanje showing invited guests how to grow sweet potato on a community demonstration field during a field day on 19<sup>th</sup> April, 2012

This field day was very successful as evidenced by high turn up by both community members as well as district level stakeholders. Farmers involved in the field day were able to explain to invited guests all stages to do with sweet potato production from the nursery to the field up to the plate. OFSP recipes prepared by lead farmers were mouth watering and very attractive both in sight as well as in its aroma; this led to invited guests and farmers to be eager and attentive to know how to process various recipes that were on display. Figure 4 below shows nutrition lead farmers displaying OFSP recipes during the field day while farmers on the background are watching OFSP recipes.





**Figure 5.** Nutrition lead farmers showing their fellow farmers various products from OFSP during a field day on 19<sup>th</sup> April, 2012 at Chambe in Mulanje

### **Training in Harvesting, and Post Harvest handling**

Orange fleshed sweet potatoes are perishable as a result a lot of losses occur during harvesting, and storage and if not kept under good conditions most OFSP storage roots get damaged as opposed to local varieties. Most traditional storage methods are not convenient with these new varieties, as a result of this Concern Universal organized training in Phalombe for harvesting, and post harvest handling. This training was facilitated with Irish Aid funding through CIP. In total 25 lead farmers (15 males & 10 females) were trained in harvesting and post harvest handling. These were trained in harvesting, grading, sorting, (triple s) storage sand sprouting and also in pit storage treated with sand. This training was conducted in Phalombe in Nkhulambe EPA. Soon after this training a replica of this training but with USAID funding through MOBI+LISE project was conducted at Mujiwa village, TA Njema in Mulanje. In total 26 farmers (13 females & 13 males) were trained in this field. Out the of 26 people 9 were lead farmers, 8 were small scale business women and 9 were DVMs.

## **Training in OFSP Processing & Utilization**

MOBI+LISE project conducted three trainings in OFSP processing, preparation & utilization. The first two trainings were done with Irish Aid funding through International Potato Centre. These were conducted at two different venues, one in Phalombe and another one in Mulanje. These trainings were organized and facilitated in collaboration with district agriculture offices both in Mulanje & Phalombe. In Phalombe the training was conducted at Nambiti Primary school from 10<sup>th</sup> to 12<sup>th</sup> July, 2012. In total there were 20 (2 male & 18 female) farmers who were trained. Apart from training 20 farmers 6 Agriculture Extension Development Officers (AEDOs) from Nkhulambe EPA were trained on the same. In Mulanje the training in OFSP processing and utilization was conducted from 17<sup>th</sup> to 20<sup>th</sup> July, 2012 at Chilenga Village in Mulanje Boma EPA. 10 people (3 males & 7 females) were trained and participants belonged to Chilenga model village and are members of Farm Business School. Apart from the farmers 4 Agriculture Extension Development Officers from Mulanje Boma EPA were also trained on the same. The third training was conducted in Mulanje at Nanchidwa Primary School in the area of Traditional Authority Njema, in Milonde EPA with USAID funding. This was done from 9<sup>th</sup> to 10<sup>th</sup> August, 2012, 26 farmers (13 males & 13 females) attended this training.

Participants were trained in processing of OFSP to various products such as biscuits, cakes, bread, crisps, chapatti, fritters, doughnuts, flour, juice, sweetpotato strips, and one pot dish. Participants were trained to process various products such as biscuits, cakes, mixed balls, bread, crisps, chapatti, fritters, doughnuts, flour, juice, sweetpotato strips, and one pot dish. 75 % of trainees are able to make their own products from OFSP and they are able to train their friends. With Irish Aid funding through International Potato Centre, the project in collaboration with district agriculture offices both in Mulanje & Phalombe conducted two open days, one in Mulanje and the other one in Phalombe. In Phalombe the open day was conducted on 13<sup>th</sup> July, 2012 at Nambiti Primary School soon after the training in OFSP processing and utilization, there were about 114 participants of whom 74 were females while 40 were males. Soon after the training all OFSP products produced during the training were put on the display for exhibition. In Mulanje the open day was conducted at Chilenga village soon after OFSP processing and utilization training, in total 62 people attended the function of which 42 were females while 20 were males.

## **Participation in the National Agriculture Fair**

As one way of marketing OFSP vines, storage roots and flour, the project with USAID funding participated in the National Agriculture Fair from 24<sup>th</sup> -26<sup>th</sup> August, 2012. Products that were exhibited by project beneficiaries included OFSP flour, vines and storage roots. OFSP flour is manufactured by a local business entrepreneur named Chrispin Njendengwa, who is based at Chinakanaka and is working in collaboration with MOBI+LISE project in terms of OFSP storage roots market and marketing of OFSP flour. The project linked Chrispin to OFSP storage roots producers and helps him marketing of OFSP flour that he manufactures.

One OFSP storage root producer named Andack Kapenuka represented all farmers from both Mulanje and Phalombe; he exhibited OFSP rapid vine multiplication technique and also

exhibited OFSP storage roots. He took 61 packs of storage roots which were packed in 1 Kg transparent plastic bags with labels bearing a picture for OFSP storage roots with message on OFSP, vitamin A and energy, besides these labels had logos for CIP & USAID Mount Mulanje MOBI+LISE project, acknowledging technical and financial support. These packs were then sealed with transparent cell tape. Each one Kg pack was being sold at MK150.00. The packs were very conspicuous and attracted more people, as a result they were asking whether they could get such OFSP packs in super markets such as Shoprite and Peoples Trading Centres (PTC) and they were assured that the project will work towards achieving that. What is required as of now is to convince shop owners to open markets for OFSP storage roots for our local farmers. There is a need however to do research on packaging of storage roots in order to identify the best material that can be used for packaging of OFSP storage roots for super markets. It was interesting to note that a lot of people were trekking on USAID Mount Mulanje MOBI+LISE Project Pavilion # 80 & 81 to appreciate OFSP packaging, as a result of this all packs that were exhibited were sold out by the second day of the fair. On the third day of the fair people were still coming to our pavilion in order to purchase OFSP but we had nothing to sell. He realised a total of MK9, 150.00 (nine thousand, one hundred and fifty kwacha) only. Mr. Andack Kapenuka regretted taking few packs of OFSP. Besides people demanding OFSP storage roots, they also demanded OFSP vines and we assured them of sufficient supply of vines from our farmers. When the fair was closing on the third day people scrambled for a few vines that were on exhibit.

As regards to processing and packaging of OFSP flour, this was another product that attracted more people's attention at the fair. The presence of well packaged OFSP flour made our pavilion even much busier than any other pavilion; people were surprised to see sweetpotato flour well packaged in beautiful packs that were very conspicuous as such most of them bought at least one pack in order to taste it at their homes. As the fair was closing on the third day all two hundred and forty packs that were on exhibit were sold out making total sales of MK144, 000.00 (one hundred and forty four thousand kwacha). Each 500 gms pack was being sold at MK600.00. Mr. Chrispin regretted taking few packs to the fair.



**Figure 6: Patrons for 2012 national Agriculture Fair being attended to by Mr. Andack Kapenuka and Mr. Chrispin Njendengwa at Trade Fair grounds at Chichiri in Blantyre**

Some shop owners that visited the pavilion expressed interest to be used as distributors of OFSP flour. The only challenge that Mr. Chrispin Njendengwa has is low production capacity, his supplies are lower than the demand. Currently Mr. Chrispin Njendengwa has only a small and simple hammer mill and only four people doing processing. He does not have a permanent factory building and does most of the processes manually; this is a restricting factor for his products to be certified by Malawi Bureau of Standards. He needs more financial, technical, material and human support so that he can manage to meet demand that is on the market. However, Chrispin has skills in marketing that is why he has managed to create the market for the new product from within and without. The project managed to keep contacts for all people who made enquiries and orders.

### **Participation in WALA Agriculture Marketing Fair**

The project with financial support from USAID also managed to participate in the one day Wellness and Agriculture for Life Advancement (WALA) agriculture marketing fair that was organized by WALA Consortium at Luchenza Community Ground in Thyolo district. This was done on 6<sup>th</sup> September, 2012. Products on exhibit included sweet potato vines, storage roots and flour. Beneficiaries to this fair included Mrs. Vailet Bisani a sweet potato producer who took 15 packs of storage roots and Mr. Chrispin Njendengwa who took OFSP flour. As



the fair was closing Mrs. Bisani sold out all her OFSP storage roots and realised a total of MK1, 500 (one thousand, five hundred kwacha) only, she was selling each 1 Kg pack at MK100.00. She regretted taking few packs. On the other hand Mr. Chrispin Njendengwa took 200 packs of OFSP flour, as the fair was closing he sold 56 packs realising a total of MK33, 600.00 (thirty three thousand, six hundred kwacha) only. The only challenge was that there was a very limited time for the fair. Figure 7 below shows Mr. Chrispin Njendengwa in sun glasses explaining to patrons for the fair while Mrs. Vailet Bisani sitting, is watching.



**Figure 7: Mr. Chrispin Njendengwa and Mrs. Vailet Bisani at the WALA Agriculture marketing fair in Luchenza in Thyolo**

### **Field Learning Tour to Millennium Villages Project's Mwandama Village**

With funding from Irish Aid through CIP the project conducted a field learning tour to (MVP) Millennium Villages project's sites in Mwandama village in Zomba. This was conducted on 11<sup>th</sup> & 12<sup>th</sup> September, 2012. A total of 20 farmers were involved on this trip.

Objectives of this learning tour was to learn from our partner organization and farmers on orange fleshed sweetpotato post harvest handling, processing and utilization, how farmers are organized in groups(clubs/associations/cooperatives), how do groups operate, marketing of OFSP products and best practices that Mwandama village farmers are spearheading. This was in response to a call from farmers and extension workers from within our project impact area.

Farmers were much impressed with concept of having a cooperative and also processing of OFSP storage roots into chips, drying and storage for future use and a variety of OFSP products. Farmers appreciated very much for the trip and were motivated to see what their fellow OFSP producers are doing.

## **Challenges**

### **Distance from Nursery Sites to Beneficiary Villages**

The distance from the OFSP beneficiaries to DVM nurseries was long in some few cases, for instance some beneficiaries were travelling from Naminjiwa to Mpata, a distance of about 10 km, and this was because some villages which were targeted had few DVMs within their villages as compared to number of beneficiaries. Currently the project has already identified additional DVMs in villages where there were few DVMs.

### **Limited quantity of vines realised from a 4 Kgs bundle**

Despite the fact that literature shows that 300 sweet potato vines of 30 cm long could be realised from a 4 Kgs bundle, experience has shown that some 4 Kgs bundles could produce less than 300, 30 cm cuttings of vines. The variance was caused due to differences in water content and thickness of sweet potato vines. Vines which were more tender and turgid could not reach 300 vines while those that were flaccid could reach up to 300 vines or more.

### **Delayed implementation of some project activities due to other commitments**

Government extension officers and communities were engaged with other equally important government tasks, for example government extension officers and communities were engaged with farm input subsidy programme at the time when we were planning for demand creation campaign, beneficiary identification and registration; this led to delays in identification and registration of beneficiaries.

## Sweetpotato Viral Disease

During nursery and field inspection exercise, a few cases of sweetpotato viral disease was spotted in some nurseries and fields. In order to control this disease, DVMs and farmers were ordered to uproot all affected plants.

## Water scarcity for Irrigation

Due to climate change and increased demand for irrigation, water resources are deteriorating, yet demand for irrigation due to effects of climate change is increasing, this brings a lot of conflict due to water distribution. As a solution to this people have started sinking wells for irrigation.

## Destruction of Vines by Animals

During dry season most people leave their animals such as goats and pigs to graze on free range, these graze on peoples 'crops raised around their homes hence destroying them and this discourages some farmers from keeping their vines because their efforts gets into the drain. As a solution farmers were advised to make fences around their sweetpotato nurseries.

## Lessons Learnt

1. Demand creation awareness campaigns are vital for any new technology or initiative such as orange fleshed sweet potato. This was evidenced by high demand for OFSP. A lot of people wanted the OFSP vines through CIP OFSP coupons but they were not qualifying according to the project criteria. Currently OFSP vines are needed like hot cakes within and outside the project impact area due to the knowledge on nutrition importance that people acquired during awareness campaigns.
2. Irrigation facilities/infrastructure is key to rapid sweet potato seed multiplication. Irrigation helped DVMs quite a lot to raise OFSP vines which enabled them to meet the local demand within and outside the project impact area and to have a surplus. Despite the fact that OFSP vines are available farmers are failing to buy using their money because of their tradition of giving one another seed freely.
3. Zondeni leaves are liked as relish by almost 75 % of beneficiaries. These leaves are liked by both children, and elders. This is what Traditional Authority Kaduya said during an open day on 21 May, 2012, at Bongwe Nursery School, in Kamoto Village, Traditional Authority Kaduya in Phalombe, "*Ndafuna kuti ndiikire ndemanga pa zomwe bambo Biziwiki Chikondi anena, ndizowona kuti masamba azondeni ndi abwino kwambiri ndipo amatsekemera, masambawa sawawa ngakhale usafoteke, amaposa masamba ambatata za kalezi* " I want to comment on what Mr. Biziwiki Chikondi said, it is true that zondeni leaves are very delicious, even though you can cook them without withering, they are more delicious than all old varieties.

4. Demonstration plots and variety selection trial plots play a big role in helping dissemination of best agronomic practices to farmers as well as involvement of farmers in variety selection. Farmers were able to acquire skills easily through demonstration plots, besides they were able to identify best sweet potato varieties through these variety selection trials.
5. Strong partnership between stakeholders and good communication starting from planning, implementation and monitoring of project activities has led to success of the OFSP Rooting out Hunger project in Mulanje & Phalombe a larger geographical area within a very short period of time.

## Success Stories

### Advertisement is crucial in any business



**Figure 8: Mr. Andack kapenuka, a DVM of Mtawanga village, GVH Bwanaisa, TA Mkhumba in Phalombe showing OFSP vines advertisement on a banner**

Andack Kapenuka is an OFSP DVM who hails from Mtawanga village, group village head Bwanaisa, traditional authority Mkhumba in Phalombe. He sold 425 4 Kgs OFSP bundles



within two weeks after mounting a simple banner showing people that he has zondeni sweet potato vines. This contributed to his success of selling 425 4 Kgs bundles of OFSP vines. Andack kapenuka redeemed 425 CIP OFSP vouchers in exchange of his vines. In return Andack realized MK65, 875.00 at once. Mr. Andack managed to buy a bicycle, a brand new set of chairs for his dining room and a brand new weighing scale for weighing his crops at home as well as for business. Andack confessed that his life has changed with the coming in of this project. He revealed that if he had grown tobacco he wouldn't realize that much. Andack is very grateful to Concern Universal, CIP for implementing the OFSP project and Irish Aid for funding the project.

### **Mukoko Family Constructs a Corrugated Iron Sheet House from Sales of OFSP**

Mr. & Mrs. John Mukoko are living positively with HIV & AIDS in Thomu village, GVH Makhonja in the area of Traditional Authority Nazombe in Phalombe. The family was identified as a beneficiary for OFSP in the year 2010/11 agriculture growing season because of their HIV & AIDS status. The family belongs to Michesi club, which graduated from an adult literacy class. Currently, the club emerged as an HIV and AIDS support group. In 2011 the family was identified as a vine multiplier and were trained in vine multiplication. In the same year the family started multiplication of OFSP vines through a rapid seed multiplication method. In 2011/12 growing season the family sold 285 bundles, weighing 4 Kgs per bundle at MK155.00, through CIP vouchers to CIP beneficiaries and further sold 1008, 4 kg bundles of vines through USAID MOBI+LISE vouchers and realised MK156, 240.00 and sold the remaining vines to individual community members. In total she sold 1, 293 4 kg bundles worth MK206, 850.00. Soon after getting these monies the family embarked on construction of a new brick house and roofed it with corrugated iron sheets. The family boasts producing a house from OFSP vine multiplication and they appreciate for the support that they receive from Irish Aid through CIP, Concern Universal and MOBI+LISE Project.

### **Program for 2012/2013 Rainy Season – Year 3 Project Implementation**

We are still busy registering household beneficiaries. So far, we have registered 7,053 household beneficiaries for Phalombe and Mulanje districts.

**Annex 1 : Details of 2011/12 OFSP Beneficiaries in the CU-MOBI+LISE Project impact area**

District	EPA	TA	GVH	VILLAGE	SEX OF A BENEFICIARY		TOTAL HOUSE HOLDS PER VILLAGE	Opening Serial Number	Closing Serial Number	Vouchers Distributed
					M	F				
Phalombe	Nkhulambe	Nkhulambe	Phweremwe	Mchenga	6	26	32	422859	422890	32
	Nkhulambe	Nkhulambe		Msiyankhuni	1	25	26	422891	422916	26
	Nkhulambe	Nkhulambe		Ntalava	3	25	28	422917	422944	28
	Nkhulambe	Nkhulambe		Mulelemba	9	23	32	422945	422976	32
	Nkhulambe	Nkhulambe	Gwirima	Jojo	8	24	32	422977	423008	32
	Nkhulambe	Nkhulambe		Nambiri	3	22	25	423009	423033	25
	Nkhulambe	Nkhulambe	Nkhulambe	Manyamba	13	23	36	423034	423069	36
	Nkhulambe	Nkhulambe		Nagoli	7	26	33	423070	423102	33
	Nkhulambe	Nkhulambe		Nomanda	5	10	15	423103	423117	15
	Nkhulambe	Nkhulambe		Mwaliwa	6	22	28	423118	423145	28
	Nkhulambe	Nkhulambe		Mthita	5	35	40	423146	423185	40
	Nkhulambe	Nkhulambe		Nkhulambe	2	31	33	423186	423218	33
	Nkhulambe	Nkhulambe		Gwirima	2	30	32	423219	423250	32
	Nkhulambe	Nkhulambe		Pensulo	10	22	32	423251	423282	32
	Nkhulambe	Nkhulambe		Nachuma	8	18	26	423283	423308	26
	Nkhulambe	Nkhulambe		Mapondo	9	15	24	423309	423332	24
	Nkhulambe	Nkhulambe		Namahiya	4	7	11	423333	423343	11
	Nkhulambe	Nkhulambe		Mulela	3	23	26	423344	423369	26

	Nkhulambe	Nazombe	Misomali	Nakude	1	25	26	423370	423395	26
	Nkhulambe	Nazombe		Misomali	7	20	27	423396	423422	27
	Nkhulambe	Nazombe		Romoliwa	12	20	32	423423	423454	32
	Nkhulambe	Nazombe	Mwalala	Khanyepa	0	12	12	423455	423466	12
	Nkhulambe	Nazombe		Sapali	2	24	26	423467	423492	26
	Nkhulambe	Nazombe		Mwalala	15	10	25	423493	423517	25
	Nkhulambe	Nazombe		Chiduba	8	20	28	423518	423545	28
	Nkhulambe	Nazombe		Opeliwa	7	18	25	423546	423570	25
	Nkhulambe	Nazombe		Nakukhu	9	17	26	423571	423596	26
	Nkhulambe	Nazombe		Mwazule	4	25	29	423597	423625	29
	Nkhulambe	Nazombe		Makumbi	7	23	30	423626	423655	30
	Nkhulambe	Nazombe	Makhonja	Chigwirigwidi	0	25	25	423656	423680	25
	Nkhulambe	Nazombe		Ntikhe	5	23	28	423681	423708	28
	Nkhulambe	Nazombe		Bongwe	2	11	13	423709	423721	13
	Nkhulambe	Nazombe		Bilison	0	13	13	423722	423734	13
	Nkhulambe	Nazombe		Makhonja	4	21	25	423735	423759	25
	Nkhulambe	Nazombe		Mangulenje	0	28	28	423760	423787	28
	Nkhulambe	Nazombe		Thomu	1	49	50	423788	423837	50
	Nkhulambe	Nazombe		Kamoto	1	41	42	423838	423879	42
<b>Totals for Nkhulambe EPA</b>		<b>2</b>	<b>6</b>	<b>37</b>	<b>189</b>	<b>832</b>	<b>1021</b>			<b>1021</b>

Phalombe	Naminjiwa	Kaduya	Mankhanamba	Mankhanamba	39	39	78	423880	423957	78
	Naminjiwa	Kaduya		Uloolo	5	17	22	423958	423979	22
	Naminjiwa	Kaduya		Sakwenda	36	40	76	423980	424055	76
	Naminjiwa	Kaduya		Nakholo	15	21	36	424056	424091	36
	Naminjiwa	Kaduya		Nyalugwe	20	45	65	424092	424156	65

Naminjiwa	Kaduya		Mulelemba	6	24	30	424157	424186	30
Naminjiwa	Kaduya		Namata	24	7	31	424187	424217	31
Naminjiwa	Kaduya		Nantali	15	42	57	424218	424274	57
Naminjiwa	Kaduya	Nalingula	Mariko	6	69	75	424275	424349	75
Naminjiwa	Kaduya		Njumwa	27	26	53	424350	424402	53
Naminjiwa	Kaduya		Mphale	13	50	63	424403	424465	63
Naminjiwa	Kaduya		Nalingula 2	20	40	60	424466	424525	60
Naminjiwa	Kaduya		Mateyu	17	47	64	424526	424589	64
Naminjiwa	Kaduya	Kaduya	Matepwe	13	19	32	424590	424621	32
Naminjiwa	Kaduya		Kaduya	11	26	37	424622	424658	37
Naminjiwa	Kaduya		Chiumbuzo	8	51	59	424659	424717	59
Naminjiwa	Kaduya		Manyamba	16	14	30	424718	424747	30
Naminjiwa	Kaduya		Mvahiwa	12	47	59	424748	424806	59
Naminjiwa	Kaduya		Jarden	15	21	36	424807	424842	36
Naminjiwa	Kaduya		Mandanda	9	17	26	424843	424868	26
Naminjiwa	Kaduya		Mgoni	17	40	57	424869	424925	57
Naminjiwa	Mkhumba	Sakhoma	Thetheleya	13	15	28	424926	424953	28
Naminjiwa	Mkhumba		Mtimwa	28	19	47	425885	425931	47
Naminjiwa	Mkhumba		Sakhoma	17	31	48	425992	426039	48
Naminjiwa	Mkhumba	Bokosi	Karama	19	32	51	424954	425004	51
Naminjiwa	Mkhumba		Kadewere	9	17	26	425005	425030	26
Naminjiwa	Mkhumba		Mbodi	16	29	45	425031	425075	45
Naminjiwa	Mkhumba		Kotokwa	11	30	41	425076	425116	41
Naminjiwa	Mkhumba		Ngandanga	6	37	43	425117	425159	43
Naminjiwa	Mkhumba		Ngandanga	17	43	60	425932	425991	60
Naminjiwa	Mkhumba		Bokosi	10	36	46	425160	425205	46
Naminjiwa	Mkhumba	Mkhumba	Chiopysa	17	31	48	425206	425253	48



	Naminjiwa	Mkhumba	Mahoria	Mahoria	20	57	77	425254	425330	77
<b>Totals for Naminjiwa EPA</b>		<b>2</b>	<b>7</b>	<b>30</b>	<b>527</b>	<b>1079</b>	<b>1606</b>			<b>1606</b>

Phalombe	Waruma	Mkhumba	Bwanaisa	Chibwana	15	10	25	425331	425355	25
	Waruma	Mkhumba		Mpheni	17	24	41	425356	425396	41
	Waruma	Mkhumba		Murhonya	1	52	53	425397	425449	53
	Waruma	Mkhumba		Mtawanga	1	32	33	425450	425482	33
	Waruma	Mkhumba		Bwanaisa	18	52	70	425483	425552	70
	Waruma	Mkhumba		Chingwalu	9	24	33	425553	425585	33
	Waruma	Mkhumba	Nyambalo	Phunduma	27	68	95	425586	425680	95
	Waruma	Mkhumba		Milambo	0	16	16	425681	425696	16
	Waruma	Mkhumba		Lomoliwa	12	30	42	425697	425738	42
	Waruma	Mkhumba		Makolera	29	72	101	425739	425839	101
	Waruma	Mkhumba	Kuchombe	Mangoza	13	24	37	425840	425876	37
	Waruma	Mkhumba		Chanasa	26	36	62	425877/320000	425885/320050	62
<b>Totals for Waruma EPA</b>		<b>1</b>	<b>3</b>	<b>12</b>	<b>168</b>	<b>440</b>	<b>608</b>			<b>608</b>

<b>Sub-Totals for Phalombe</b>	<b>3</b>	<b>4</b>	<b>16</b>	<b>79</b>	<b>884</b>	<b>2351</b>	<b>3235</b>			<b>3235</b>
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Mulanje	Thuchila	Nkanda	Kazembe	Muhiyo	29	31	60	320053	320121	59
Mulanje	Thuchila	Nkanda	Kazembe	Nakhonyo	27	31	58	320122	320179	57
Mulanje	Thuchila	Nkanda	Kazembe	Muliya	18	42	60	320180	320239	59
Mulanje	Thuchila	Nkanda	Kazembe	Mwanyali	15	45	60	320240	320299	59
Mulanje	Thuchila	Nkanda	Kazembe	Mphaya	33	27	60	320300	320359	59
Mulanje	Thuchila	Nkanda	Kazembe	Ncheziwa	29	31	60	320360	320419	59

Mulanje	Thuchila	Nkanda	Kazembe	Mphiphila	37	23	60	320420	320479	59
Mulanje	Thuchila	Nkanda	Kazembe	Mwawalo	27	33	60	320480	320539	59
Mulanje	Thuchila	Nkanda	Kazembe	Nsikita	43	17	60	320540	320599	59
Mulanje	Thuchila	Nkanda	Kazembe	Mulava	37	23	60	320600	320659	59
Mulanje	Thuchila	Nkanda	Kazembe	Mkanda-Maliro	18	42	60	320660	320719	59
Mulanje	Thuchila	Nkanda	Kazembe	Mkanda	16	44	60	320720	320779	59
Mulanje	Thuchila	Nkanda	Kazembe	Kazembe	13	47	60	320780	320839	59
Mulanje	Thuchila	Nkanda	Kukada	Manolo	58	40	98	320840	320937	97
Mulanje	Thuchila	Nkanda	Kukada	Mphwanyane	18	42	60	320938	320997	59
Mulanje	Thuchila	Nkanda	Kukada	Murotho	18	42	60	320998	321057	59
Mulanje	Thuchila	Nkanda	Kukada	Mulera	57	3	60	321058	321117	59
Mulanje	Thuchila	Nkanda	Kukada	Nengwere	30	33	63	321118	321180	62
Mulanje	Thuchila	Nkanda	Kukada	Kambenje	13	37	50	321181	321230	49
Mulanje	Thuchila	Nkanda	Kukada	Chitimbe	25	30	55	321231	321285	54
Mulanje	Thuchila	Nkanda	Kukada	Kukada	11	14	25	321286	321310	24
Mulanje	Thuchila	Nkanda	Kukada	Matenje	41	24	65	321311	321375	64
Mulanje	Thuchila	Nkanda	Kukada	Chole	13	46	59	321376	321434	58
Mulanje	Thuchila	Nkanda	Kukada	Matanya	9	16	25	321435	321459	24
<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>25</b>	<b>635</b>	<b>763</b>	<b>1398</b>	320053	321459	1398
Mulanje	Mulanje Boma	Chikumbu	Robeni	Chilenga	11	64	75	321460	321534	74
Mulanje	Mulanje Boma	Nkanda	Mandanda	Mwanamvula	51	129	180	321535	321714	179
Mulanje	Mulanje Boma	Nkanda	Mandanda	Tchaluwa	3	12	15	321715	321729	14
Mulanje	Mulanje Boma	Nkanda	Mandanda	Mandanda	8	14	22	321730	321751	21

Mulanje	Mulanje Boma	Nkanda	Mandanda	Demula	11	11	22	321752	321773	21
Mulanje	Mulanje Boma	Mabuka	Tchete	Tchete	27	27	54	321774	321827	53
Mulanje	Mulanje Boma	Mabuka	Tchete	Kumwamba	31	53	84	321828	321911	83
Mulanje	Mulanje Boma	Mabuka	Tchete	Mbewa	47	54	101	321912	322012	100
Mulanje	Mulanje Boma	Mabuka	Namazoma	Namazoma	9	66	75	322013	322087	74
Mulanje	Mulanje Boma	Mabuka	Chipoka	Mikundi	35	133	168	322088	322258	167
Mulanje	Mulanje Boma	Mabuka	Chipoka	Mothiwa	3	13	16	322259	322274	15
Mulanje	Mulanje Boma	Mabuka	Chipoka	Makaula	28	33	61	322275	322335	60
Mulanje	Mulanje Boma	Mabuka	Nande	Ngwezu	7	11	18	322336	322353	17
Mulanje	Mulanje Boma	Mabuka	Nande	Michenga	12	32	44	322354	322397	43
Mulanje	Mulanje Boma	Mabuka	Nande	Nessa	19	90	109	423246	423254	9
				Nessa				322398	322493	97
				Nessa				322241	322243	3
<b>1</b>	<b>1</b>	<b>3</b>	<b>6</b>	<b>15</b>	<b>302</b>	<b>742</b>	<b>1044</b>			
Mulanje	Milonde	Njema	Namasalima	Ntambalika	11	39	50	322495	322544	49
Mulanje	Milonde	Njema	Namasalima	Chibade	5	45	50	322545	322594	49
Mulanje	Milonde	Njema	Makokola	Mmotola	10	15	25	322595	322619	24
Mulanje	Milonde	Njema	Makokola	Nlupha	13	12	25	322520	322544	24

Mulanje	Milonde	Njema	Makokola	Kalongonda	19	6	25	322545	322569	24
Mulanje	Milonde	Njema	Makokola	Mkhumba	16	9	25	322670	322694	24
Mulanje	Milonde	Njema	Makokola	Makokola	18	32	50	322695	322744	49
Mulanje	Milonde	Njema	Nsikita	Nsikita	12	13	25	322745	322769	24
Mulanje	Milonde	Njema	Nsikita	Malunda	24	26	50	322770	322819	49
Mulanje	Milonde	Njema	Ndala	Nzongwe	25	25	50	322820	322869	49
Mulanje	Milonde	Njema	Ndala	Manyamba	37	63	100	322870	322969	99
Mulanje	Milonde	Njema	Ndala	Ndala	36	39	75	322970	323044	74
Mulanje	Milonde	Njema	Ndala	Mujiwa	33	42	75	323045	323119	74
Mulanje	Milonde	Njema	Ndala	Mission	27	23	50	323120	323169	49
Mulanje	Milonde	Njema	Ndala	Monda	44	31	75	323170	323244	74
Mulanje	Milonde	Njema	Ndala	Gawani	14	36	50	323245	323294	49
Mulanje	Milonde	Njema	Ndala	Sekheya	13	12	25	323295	323319	24
Mulanje	Milonde	Njema	Ndala	Nsumeri	13	12	25	323320	323344	24
Mulanje	Milonde	Njema	Ndala	Namwera	16	59	75	323345	323419	74
Mulanje	Milonde	Njema	Namasalima	Maliera	4	71	75	323420	323494	74
Mulanje	Milonde	Njema	Songwe	Songwe	7	43	50	323495	323544	49
<b>1</b>	<b>1</b>	<b>1</b>	<b>5</b>	<b>21</b>	<b>397</b>	<b>653</b>	<b>1050</b>	322495	323544	1050

<b>Sub-Total for Mulanje</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>61</b>	<b>1334</b>	<b>2158</b>	<b>3492</b>
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<b>Gland- Total</b>	<b>6</b>	<b>8</b>	<b>24</b>	<b>140</b>	<b>2218</b>	<b>4509</b>	<b>6727</b>
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**Annex 2: Details of OFSP Decentralized Vine Multipliers, CIP vouchers redeemed and amount of money paid during the 2011/12 agriculture season**

I.D	Name	Sex	Village	GVH	TA	EPA	District	QTY of Vouchers Redeemed	Voucher Value	Amount of Money	Amount Paid	Balance
1	Simon Antonio	M	Nalingula	Nalingula	Kaduya	Naminjiwa	Phalombe	253	155	39,215.00	39,215.00	0.00
2	Annie Nyalugwe	F	Nkhulambe	Nkhulambe	Nkhulambe	Nkhulambe	Phalombe	906	155	140,430.00	140,430.00	0.00
3	Raphael Ndalama	M	Misomali	Misomali	Nazombe	Nkhulambe	Phalombe	134	155	20,770.00	20,770.00	0.00
4	Foster Nachuma	M	Nthita	Nkhulambe	Nkhulambe	Nkhulambe	Phalombe	100	155	15,500.00	15,500.00	0.00
5	John Mukoko	M	Thomu	Makhonja	Nazombe	Nkhulambe	Phalombe	285	155	44,175.00	44,175.00	0.00
6	Paul David	M	Mwanamvula	Mandanda	Nkanda	Mulanje Boma	Mulanje	48	155	7,440.00	7,440.00	0.00
7	Vailet Bisani	F	Tchete	Tchete	Mabuka	Mulanje Boma	Mulanje	199	155	30,845.00	30,845.00	0.00
8	Esme Whitkan	F	Phunduma	Makolera	Mkhumba	Waruma	Phalombe	114	155	17,670.00	17,670.00	0.00
9	Annie Tanganyika	F	Mbewa	Tchete	Mabuka	Mulanje Boma	Mulanje	25	155	3,875.00	3,875.00	0.00
10	Linly Kamanga	F	Mbewa	Tchete	Mabuka	Mulanje Boma	Mulanje	60	155	9,300.00	9,300.00	0.00
11	Papiasi Simbota	M	Muronya	Bwanaisa	Mkhumba	Waruma	Phalombe	381	155	59,055.00	59,055.00	0.00
12	Andack Kapenuka	M	Tawanga	Bwanaisa	Mkhumba	Waruma	Phalombe	438	155	67,890.00	67,890.00	0.00
13	Fibe Jamusi	F	Chilenga	Robeni	Chikumbu	Mulanje Boma	Mulanje	36	155	5,580.00	5,580.00	0.00
14	Marry Baula	F	Chilenga	Robeni	Chikumbu	Mulanje Boma	Mulanje	20	155	3,100.00	3,100.00	0.00
15	Charles Kalemule	M	Chilenga	Robeni	Chikumbu	Mulanje Boma	Mulanje	52	155	8,060.00	8,060.00	0.00
16	Eliza Chimkango	F	Chibwana	Bwanaisa	Mkhumba	Waruma	Phalombe	87	155	13,485.00	13,485.00	0.00



17	Chikondi Mphepo	F	Nkanda	Kazembe	Nkanda	Thuchila	Mulanje	195	155	30,225.00	30,225.00	0.00
18	Jaline Namanja	F	Khamula	Bwanaisa	Mkhumba	Naminjiwa	Phalombe	97	155	15,035.00	15,035.00	0.00
19	Benadetta Matapwito	F	Phunduma	Makolera	Mkhumba	Waruma	Phalombe	337	155	52,235.00	52,235.00	0.00
20	Charles Andrea	M	Kukada	Kukada	Nkanda	Thuchila	Mulanje	171	155	26,505.00	26,505.00	0.00
21	Menard Winesi	M	Bwanaisa	Bwanaisa	Mkhumba	Waruma	Phalombe	309	155	47,895.00	47,895.00	0.00
22	Symon Namanya	M	Khamula	Bwanaisa	Mkhumba	Naminjiwa	Phalombe	34	155	5,270.00	5,270.00	0.00
23	John Mahere	M	Phunduma	Makolera	Mkhumba	Waruma	Phalombe	53	155	8,215.00	8,215.00	0.00
24	Lucious Khamula	M	Khamula	Bwanaisa	Mkhumba	Naminjiwa	Phalombe	173	155	26,815.00	26,815.00	0.00
25	Tsabola Fyson	M	Mikundi	Chipoka	Mabuka	Mulanje Boma	Mulanje	45	155	6,975.00	6,975.00	0.00
26	Flora Kadewere	F	Chipoka	Chipoka	Mabuka	Mulanje Boma	Mulanje	48	155	7,440.00	7,440.00	0.00
27	Wilson Wacheta	M	Chipoka	Chipoka	Mabuka	Mulanje Boma	Mulanje	50	155	7,750.00	7,750.00	0.00
28	Enelisi Khumbanyiwa	F	Nakhonyo	Kazembe	Nkanda	Thuchila	Mulanje	126	155	19,530.00	19,530.00	0.00
29	Emily Kaipa	F	Mphwanyane	Kukada	Nkanda	Thuchila	Mulanje	174	155	26,970.00	26,970.00	0.00
30	Yohane Yona	M	Nkanda	Kazembe	Nkanda	Thuchila	Mulanje	235	155	36,425.00	36,425.00	0.00
31	Lingison Mmwanga	M	Phunduma	Makolera	Mkhumba	Waruma	Phalombe	102	155	15,810.00	15,810.00	0.00
32	Getrude January	F	Nalingula II	Nalingula	Kaduya	Naminjiwa	Phalombe	44	155	6,820.00	6,820.00	0.00
33	John Makamba	M	Ntalava	Mchenga	Nkhulambe	Nkhulambe	Phalombe	39	155	6,045.00	6,045.00	0.00
34	Wizilamu Likwiti	M	Malunda	Nsikita	Njema	Milonde	Mulanje	66	155	10,230.00	10,230.00	0.00
35	Patrick William	M	Makokola	Makokola	Njema	Milonde	Mulanje	201	155	31,155.00	31,155.00	0.00
36	Mary Mujiwa	F	Mujiwa	Ndala	Njema	Milonde	Mulanje	150	155	23,250.00	23,250.00	0.00
37	Menson Piasi	M	Mujiwa	Ndala	Njema	Milonde	Mulanje	107	155	16,585.00	16,585.00	0.00
38	Fred Magalasi	M	Mujiwa	Ndala	Njema	Milonde	Mulanje	17	155	2,635.00	2,635.00	0.00
39	Julius Michenga	M	Sapali	Mwalala	Nazombe	Nkhulambe	Phalombe	48	155	7,440.00	7,440.00	0.00
40	Yusuf Phatama	M	Makokola	Makokola	Njema	Milonde	Mulanje	98	155	15,190.00	15,190.00	0.00
41	Rhoda Byson	F	Mujiwa	Ndala	Njema	Milonde	Mulanje	134	155	20,770.00	20,770.00	0.00
42	Alick Piasi	M	Mujiwa	Ndala	Njema	Milonde	Mulanje	65	155	10,075.00	10,075.00	0.00
43	Million Sekani	M	Maliera	Namasalima	Njema	Milonde	Mulanje	137	155	21,235.00	21,235.00	0.00
44	Staford Lazaro	M	Chole	Kukada	Nkanda	Thuchila	Mulanje	77	155	11,935.00	11,935.00	0.00

45	Lizzie Maganga	F	Gwirima	Nkhulambe	Nkhulambe	Nkhulambe	Phalombe	81	155	12,555.00	12,555.00	0.00
46	Elube Maliangu	F	Ntalava	Mchenga	Nkhulambe	Nkhulambe	Phalombe	20	155	3,100.00	3,100.00	0.00
47	Yonasi pondeponde	M	Opeliwa	Nazombe	Nazombe	Nkhulambe	Phalombe	14	155	2,170.00	2,170.00	0.00
48	Olive Fisher	F	Mbewa	Tchete	Mabuka	Mulanje Boma	Mulanje	28	155	4,340.00	4,340.00	0.00
49	Peter Chalamwendo	M	Makokola	Makokola	Njema	Milonde	Mulanje	12	155	1,860.00	1,860.00	0.00
	<b>Gland Total</b>							<b>6,727</b>		<b>1,026,875.00</b>	<b>1,026,875.00</b>	<b>0.00</b>

**Annex 3: Detailed data on OFSP beneficiaries trained in OFSP Production in Mulanje**

I.D	EPA	VENUE	NUMBER OF PARTICIPANTS		
			M	F	Total
1	Milonde	Chibade	8	12	20
2	Milonde	Mujiwa	8	12	20
3	Milonde	Makokola	8	12	20
4	Milonde	Malunda	9	11	20
5	Milonde	Maliera	11	9	20
6	Milonde	Sekheya	9	11	20
<b>Totals for Milonde EPA</b>			<b>53</b>	<b>67</b>	<b>120</b>
1	Thuchila	Nkanda	7	8	15
2	Thuchila	Manolo	5	12	17
3	Thuchila	Mangombo	9	9	18
4	Thuchila	Mphuphira	11	6	17
5	Thuchila	Chilanga	7	10	17
6	Thuchila	Mphwanyane	9	6	15
<b>Totals for Thuchira EPA</b>			<b>48</b>	<b>51</b>	<b>99</b>

1	Mulanje Boma	Chilenga	6	14	20
2	Mulanje Boma	Michenga	15	10	25
3	Mulanje Boma	Tchete	8	12	20
4	Mulanje Boma	Chilenga	5	15	20
5	Mulanje Boma	Makaula	13	10	23
6	Mulanje Boma	Mwanamvula	6	14	20
<b>Totals for Mulanje Boma EPA</b>			<b>53</b>	<b>75</b>	<b>128</b>

<b>Gland-total</b>	<b>3</b>	<b>18</b>	<b>154</b>	<b>193</b>	<b>347</b>
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**Annex 4: Detailed data on OFSP beneficiaries trained in OFSP Production in Phalombe**

I.D	EPA	VENUE	NUMBER OF PARTICIPANTS		
			M	F	Total
1	Nkhulambe	Manyamba	8	10	18
2	Nkhulambe	Romoliwa	14	13	27
3	Nkhulambe	Nomanda	8	13	21
4	Nkhulambe	Msiyankhuni	10	12	22
5	Nkhulambe	Misomali	4	17	21
6	Nkhulambe	Bongwe	9	22	31

7	Nkhulambe	Chiduba	3	18	21
8	Nkhulambe	Thomu	4	25	29
9	Nkhulambe	Nthike	7	14	21
10	Nkhulambe	Namahiya	11	9	20
11	Nkhulambe	Sakanena	4	18	22
12	Nkhulambe	Thembe	2	21	23
13	Nkhulambe	Gwirima	13	13	26
14	Nkhulambe	Mangulenje	7	15	22
<b>Totals for Nhulambe EPA</b>		<b>14</b>	<b>104</b>	<b>220</b>	<b>324</b>
1	Naminjiwa	Jarden	7	8	15
2	Naminjiwa	Matepwe	9	6	15
3	Naminjiwa	Muhawa(Mgona)	7	8	15
4	Naminjiwa	Mulelemba	7	8	15
5	Naminjiwa	Mphale	7	7	14
6	Naminjiwa	Mankhanamba	6	9	15
<b>Totals for Naminjiwa EPA</b>		<b>6</b>	<b>43</b>	<b>46</b>	<b>89</b>
1	Waruma	Chingwalu	8	12	20
2	Waruma	Nachamba	4	18	22
3	Waruma	Lomoliwa	4	11	15
4	Waruma	Mpheni	6	9	15
5	Waruma	Mangoza	8	14	22
6	Waruma	Daundi	9	14	23
7	Waruma	Makolera	14	14	28
8	Waruma	Chanasa	8	13	21
<b>Totals for Waruma EPA</b>		<b>8</b>	<b>61</b>	<b>105</b>	<b>166</b>
<b>Gland-</b>	<b>3</b>	<b>28</b>	<b>208</b>	<b>371</b>	<b>579</b>

total					
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