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Farmer-to-Farmer
Program

CNFA
East Africa
Farmer-to-Farmer Program
Final Report: FY09-FY13

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Report on Activities from FY08-FY12
(01 October 2008 – 30 September 2013)

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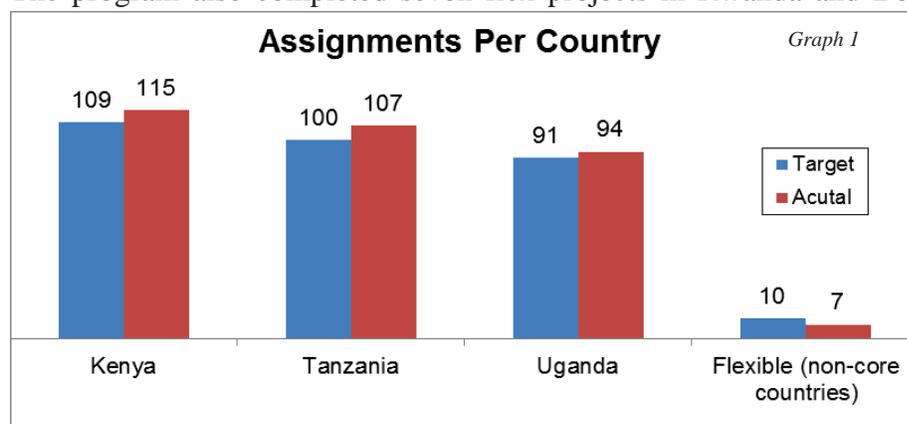
I. SUMMARY OF PROGRAM IMPLEMENTATION

A. Program-wide Activities and Accomplishments

1. Assignments:

East Africa F2F Volunteer Assignments							
Leader Award	Y1 Actual	Y2 Actual	Y3 Actual	Y4 Actual	Y5 Actual	LOP Target	LOP Actual
Kenya	9	26	28	26	25	109	114
Tanzania	14	19	22	26	26	100	107
Uganda	9	17	23	22	22	91	94
Flex Countries (Rwanda and Bolivia)	0	3	2	2	0	10	7
Leader Award Total	32	65	75	76	73	310	321
KDLDP			6	15	18	40	39
Total Leader + Associate Award	32	65	81	91	91	350	360

Over the five years of Farmer-to-Farmer (F2F) implementation in East Africa, CNFA generated significant impact for hosts across the three core countries of Kenya, Tanzania and Uganda. This expanded focus afforded CNFA the opportunity to positively impact the development of key agricultural value chains in each country through country projects that were meticulously researched and prepared. CNFA's country projects included grains, oilseeds and horticulture in Kenya, grains, legumes and horticulture in Tanzania, as well as grains and oilseeds in Uganda. The program also completed seven flex projects in Rwanda and Bolivia. Furthermore, CNFA

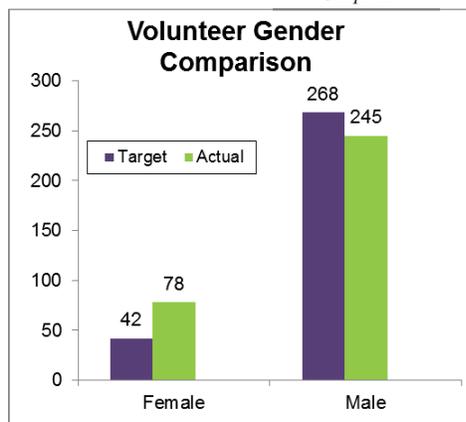


implemented the Kenya Dryland Livestock Development Program (KDLDP) as an associate award under the F2F LWA, fielding a total of 39 volunteers. A total of 321 volunteer assignments were completed in support of these value chains and flexible projects,

exceeding program target by 11 assignments, representing a completion rate of 103%. The breakdown by country appears in the tables above.

2. Outputs:

Graph 2

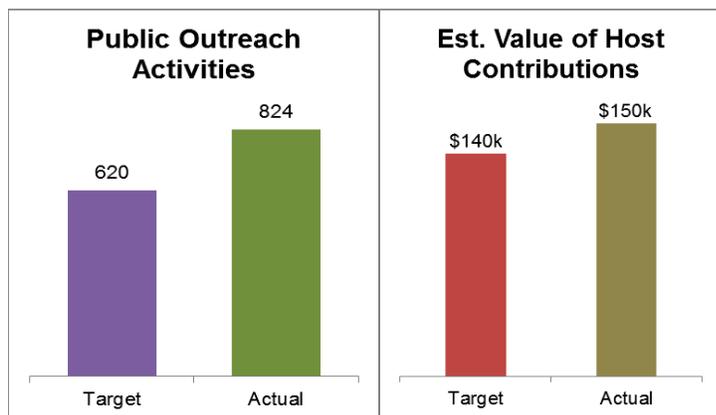


CNFA F2F volunteers provided assistance to 86 host organizations during the life of the program. A total of 6,337 volunteer days were completed, surpassing the target of 5,980 by 6%. As program implementation progressed, CNFA endeavored to increase female participation both in terms of volunteers fielded and female assisted. Volunteers directly assisted over 21,000 individuals, of which nearly 8,700 (41%) were female. The percentage of female participants increased as implementation progressed. Over 13,500 individuals were directly trained with 46% female participation. Furthermore, out of the total 321 volunteers fielded over five years, 78 (24%) were female, as depicted

in Graph 2. Over 700 recommendations were adopted by hosts during the five year period, exceeding the LOP target by 19%.

Thirteen technical manuals and presentations were created by volunteers and customized to local conditions during the LOP. One example is the *Green Bean and Pea Harvest & Post-harvest Handling Handbook; May 2011*, by volunteer Jeffrey E. Engels. These sources of information were sometimes applicable for hosts living in different countries within the region and distributed to multiple countries, when appropriate. Please see Annex C for a complete list of technical manuals that have been uploaded by CNFA to USAID’s Development Experience Clearinghouse (DEC).

Program outreach, both in the field and in the US, steadily increased over the life of the project. F2F staff in several countries developed strong relationships with local media outlets. Volunteer assignments, recommendations, and program events were regularly broadcast on television, websites, and through newspapers, agricultural magazines and other relevant media. This local outreach, as well as, strong collaboration with local partners throughout the region, afforded the program a wider audience, allowing for better host selection and enhancing the effect of volunteer recommendations. CNFA’s outreach activities in the US support F2F’s secondary goal of enhancing the public’s understanding of US development efforts overseas.



Outreach efforts included 40 press releases, 436 media events, and 348 group presentations, totaling 824 activities, 133% of target. Collaboration with local USAID Missions, local government entities and program outreach were key considerations for CNFA’s F2F work in East Africa. CNFA developed and further strengthened relationships with USAID Missions in Kenya, Tanzania

Graph 3

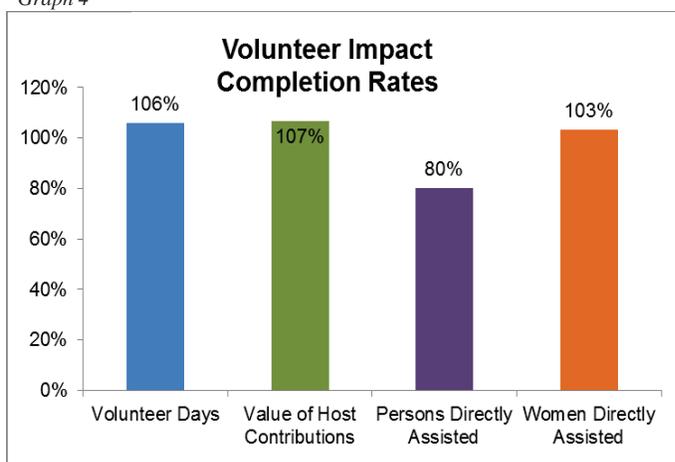
and Uganda. Mission staff participated in debriefing sessions for nearly all volunteers.

Volunteer work with secondary hosts and informal producers groups also increased as a result of outreach activities over the past year. Many F2F offices received regular requests for short, problem-driven site visits and one-day training sessions from farmers, agribusinesses and associations unable to support full volunteer assignments. Most assignments included at least one day of assistance to these secondary hosts, allowing the program to reach a wider audience with volunteer support.

In September 2013, CNFA organized a close-out event for the F2F East Africa region attended by CNFA representatives from Washington, DC and F2F professional staff from Uganda, Tanzania and Kenya. The event consisted of presentations on successes and lessons learned, syntheses of roundtable events that had been held in all three countries, and field visits to two F2F hosts from the grains value chain: Bukawa Area Cooperative Enterprise (Bukawa ACE) and Kapchorwa Commercial Farmers’ Association (KACOFA).

3. Outcomes/Impacts:

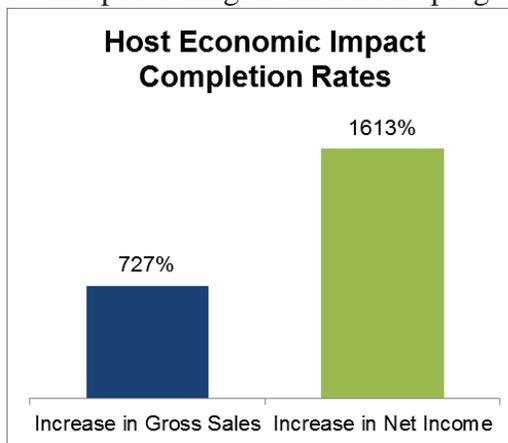
Graph 4



Graph 4 illustrates some of the completion rates reached as a result of volunteer work directly in the field. CNFA’s implementation efforts generated strong impact in each of the three core countries. F2F volunteers completed 6,337 volunteer days, surpassing target by 6%, largely explained by the additional 13 assignments conducted in Year 5. Volunteers directly assisted over 21,000 individuals and trained over 13,500 people. The number of women directly assisted totaled 8,600, exceeding the

target of 8,241 by 3%. The number of people working under improved environmental safety conditions increased by 78,000. Rural loans accessed by host organizations increased by just over \$1MM. The number of new products and services developed during the life of the program increased by nearly 500, surpassing the target of 126. Hosts increased area under improved production using new technology by over 270,000 hectares.

The 321 volunteer assignments led to aggregated increased annual gross sales of \$26.6MM and increased net annual income of \$21.5MM across the region, vastly exceeding both targets (which were \$3.7MM and \$1.3MM, respectively). For agricultural associations, cooperatives, educational institutions and other entities that are not private enterprises and may not generate profit, the analogous indicator is



Graph 5

“increase in annual revenues.” CNFA’s results in East Africa again surpassed target, helping these entities increase their revenues by nearly \$7.8MM over five years, far exceeding the target of \$134,000. The large degree to which targets were surpassed for both the gross sales and revenue indicators is explained by the fact that country directors included some larger entities for inclusion in the program in addition to smaller ones, the rationale being that inclusion of larger companies and entities creates substantial spread affect for all the businesses, suppliers, employees (for companies) and members (for cooperatives/associations).

Cumulatively, volunteers leveraged over \$2.87MM on assignments; an additional \$788,000 in resources was leveraged by volunteers in the US from pre- and post-assignment activities. Furthermore, approximately \$150,000 was contributed by F2F hosts over five years. The total cumulative amount of funds leveraged totaled nearly \$3.81MM, exceeding the target of \$3.47MM by over 10%. The estimated value of resources mobilized by hosts in the East Africa region totaled \$7.7MM, meaning that the entire amount of funds leveraged by hosts and volunteers totaled just over \$11.5MM LOP. Please reference Annex A for a complete accounting of all indicator tables.

**LOP Assignments: Targets, Gender Disaggregated Actuals,
and Estimated Volunteer Cost per Day**

Country	Actual FY12 Volunteer Numbers as of 9/30/12			Estimated Average Volunteer Cost per Day
	Male	Female	Total	
Kenya	92	23	115	\$796
Tanzania	80	27	107	\$1,016
Uganda	69	25	94	\$1,048
Rwanda (Flex)	4	3	7	\$541
TOTAL	245	78	323	Average= \$850

B. Expenditures

Line Item Category: FY12 Expenditures

Salaries and Wages	\$1,721,405
Fringe Benefits	\$495,381
Volunteer Assignments	\$1,767,052
Travel, Transportation and per diem	\$660,509
Supplies and Equipment	\$446,301
Rent and Utilities	\$263,018
Communications	\$160,530
Consultants and other contractual	\$110,260
Other Direct Cost	\$89,985
Indirect Cost	\$1,748,738
TOTAL	\$7,463,180

The total budget of the East Africa award was \$7,498,323, while the total amount expended was \$7,463,180, leaving a balance of \$35,143 (0.5% of the total budgeted amount).

C. Summary of Impact and Measurement Procedures

1. Monitoring:

To monitor the program, CNFA made use of several key tools/documents, particularly the host profiles, trip beneficiary reports, and volunteer trip reports. Field staff worked with each host to collect baseline values for the relevant impact indicators and then followed up periodically to track progress. For some hosts, such follow up was done approximately three months after a given assignment; for others, it was done later, depending on the expected timeframe for a host to be able to implement a volunteer's (or a series of volunteers') recommendations. Where possible, hosts would be visited on at least an annual basis to measure progress.

Home office based staff worked closely with the F2F country directors to guide the M&E process, mostly through email/Skype/conference calls, but also during regular visits to the field. For data management and analysis, CNFA used a customized management information system linking CNFA's volunteer database with F2F performance indicators. Volunteer and host organization profiles were thus generated, linked and tracked.

In the indicator data tables there are hosts listed in Table 3 with beneficiary and/or financial data that does not include updated data. This represents the hosts from which data could not be collected due to a variety of reasons, including hosts that went out of business, changed the orientation of their business or activities, or hosts that were unable or unwilling to provide the requested information. The decision was made not to enter any information in Table 3 as a way to ensure that the effect of their inclusion was a net zero on the overall indicator; in other words, the blank data in Table 3 indicates no change from the baseline data, ensuring that no value was created or destroyed while at the same time confirming that we account for all hosts.

2. Program Evaluation:

At the end of 2011 through early spring 2012, CNFA commissioned an impact evaluation of select countries to highlight quantifiable impact of the five-year Farmer-to-Farmer (F2F) Program in the East Africa region. A team of external consultants contracted by USAID/Washington conducted the program-wide evaluation, including evaluation of all the large F2F implementers. Some of the evaluation team members conducted fieldwork to gain a first-hand understanding of field program implementation. The goal of this assessment was to trace the impact of volunteer assignments fielded by CNFA in the three East Africa countries of Kenya, Uganda and Tanzania from FY09-13. Hosts were selected by the program field staff based on the level of impact of F2F volunteer assistance. Evaluators met with program staff, mission staff and other F2F stakeholders. They also observed volunteers in the field with host organizations. A number of positive observations were made and highlighted in the final evaluation report. F2F host organizations, companies and other entities visited in the region stated that knowledge and the confidence gained from the volunteers' training, as well as, recommendations adopted made a positive difference in their businesses. Beneficiaries noted that

practical training, conducted by the volunteers on site and in the field, allowed the volunteers to tailor their training and input to the specific needs of the host. For easy reference, this report was uploaded to the USAID Development Experience Clearinghouse (DEC).

3. M & E Certification

CNFA confirms that we have: a) used established indicators and definitions; b) participated in regular (annual) workshops reviewing indicators and M&E systems; and c) trained field staff on indicators and data collection systems. The above-mentioned training sessions include extensive instruction in the collection and reporting of indicators.

II. SUMMARY BY COUNTRY: COUNTRY PROJECTS AND CORE COUNTRY FLEX

A. Kenya

Over the five years, a total of 114 volunteers were fielded in Kenya, exceeding the LOP target by five volunteers, a 104% completion rate. Volunteers provided technical assistance to 23 host organizations in the grains, oilseeds, horticulture value chains and other flex assignments. Grains and oilseeds country projects started in the first year, while the horticulture project was added during the second year of the program. Forty-six of the assignments were completed in the grains sector, 30 in horticulture, 31 in oilseeds, while seven assignments (6%) were flex.

Kenya Volunteer Assignments							
Value Chain	Y1 Actual	Y2 Actual	Y3 Actual	Y4 Actual	Y5 Actual	LOP Target	LOP Actual
Grains	5	8	10	11	13	40	47
Oilseeds	3	10	8	8	2	32	31
Horticulture	0	5	9	8	8	30	30
Flex (in Kenya)	1	2	1	0	3	7	7
Kenya Total	9	25	28	26	26	109	114

CNFA's implementation of F2F in Kenya focused on hosts primarily in the central-southern regions of the country, with a high concentration of hosts within 250 kilometers of the capital Nairobi. There were a number of oilseeds and horticulture hosts located to the northwest and southeast of Nairobi. No leader award volunteers were fielded to the volatile east and northeastern provinces of the country, where ethnic tensions ran high. Despite a number of security concerns during implementation, no volunteers were negatively affected. Security incidents were primarily related to the aforementioned ethnic tensions as a result of Kenya's military invasion of Somalia to pursue al Shabab militants who caused a number of security incidents from 2011 – 2013. As a result of these actions, CNFA hired a security firm to review local security practices and advise on methods of shoring up safety for volunteers and staff,

ranging from advice on geographic areas to avoid, increasing safety of our offices, and advising on safe hotels. As a precaution, volunteer assignments were halted for a four-week period during general elections in March 2013.

Significant impact was achieved across all three value chains in Kenya. Volunteers generated positive impacts for hosts through 114 assignments working with 23 host organizations, directly assisting an estimated 563,000 members and owners associated with F2F hosts, plus nearly 1,800 employees. Host organizations also experienced tangible positive benefits through work with volunteers. Over five years, hosts aggregated annual gross sales and increased by nearly \$22.6MM dollars, driven primarily by assistance to large hosts such as the Catholic Diocese of Kitui (flex assignments), Mwea Rice Growers Cooperative Society (grains country project), Prosoya Kenya, and SoyAfric (both in the oilseeds country project). A total of 269 volunteer recommendations were adopted by hosts who developed 115 new products or services with guidance from volunteers.

As a part of the program close-down activities, CNFA hosted three value chain conferences to bring together all of the hosts within each of the country projects, creating an opportunity for hosts and CNFA staff to discuss the progress made during the life of the project, and to chart a path forward for the continued success of the organizations supported during the program. Facilitated by a highly respected volunteer, the hosts determined a series of next steps. The conferences also provided the opportunity for hosts to network to establish new market linkages. The goal of the value-chain based conferences was to solidify the gains achieved throughout the life of the program, allowing participants to establish new networks and build a sense of community even after this cycle of the program is completed.

In 2010, CNFA was awarded the Kenya Dryland Livestock Development Program (KDLDP), an associate award under the Farmer-to-Farmer leader award. The objective of the three-year \$10MM KDLDP initiative was to increase income and food security for at least 50,000 pastoralist households in northeast Kenya. KDLDP assisted a variety of stakeholders in the eastern drylands of the country, focused on the entire livestock value chain and aimed to connect herders to markets, credit services, and livestock-health inputs. The program also advocated for a more favorable policy environment for the industry, and assisted pastoralists in mitigating the effects of climate change. KDLDP had a considerable volunteer implementation component, and a total of 39 US volunteer experts were fielded over the course of the program. For further information on KDLDP, please see Annex B.

1. Grains

In the grains value chain, CNFA fielded a total of 47 volunteer assignments, exceeding program target by 15%. The main objective of the grains country project was to increase profitability and productivity of the grains sector, and to raise household incomes through increasing yields and improved efficiency in production, processing and marketing. The program focused on maize and rice activities at various points along the value chain. Technical assistance ranged from seed production, improved farming technologies, good agronomic practices, post-harvest handling and grain storage, branding and marketing, as well as improved business management.

CNFA's partnership with the USAID mission in Kenya, Ministry of Agriculture, Kenya Agriculture Research Institute (KARI Katumani), Agriculture Market Development Trust (AGMARK), National Cereals and Produce Board (NCPB) and the University of Nairobi greatly enhanced the results of the program. The USAID/Kenya mission provided strategic guidance in project implementation and volunteer debriefing. Ministry of Agriculture personnel supported F2F activities with host identification and provided backstopping services on training provided by F2F volunteers. KARI supported volunteers with background information to seed production, crop protection, post-harvest grain handling and storage. AGMARK was instrumental in the initial identification of hosts. NCPB provided training facilities on stored grains fumigation, and information on post-harvest storage issues. Finally, the University of Nairobi partnered with F2F and provided information conducted on afla-toxins in Kenya.

Many hosts assisted under the grains country project received up to nine volunteers over the course of the program. This was intentional in order to work with large cooperatives or associations that would have enormous spillover effects for suppliers and clients in the areas in which they worked. Notable successes generated by hosts in the grains country project include:

- Dryland Seed Company (DSC) received six volunteers over the life of the program. These volunteers assisted the company in strategic plan development, business plan development, and most recently in seed production systems, seed processing, business management and business planning. As a result, DSC improved its business management systems, expanded its seed production and marketing operation, and has a technical team that supervises seed production.

“We have benefited from as many as five volunteer consultants from CNFA. Assistance ranged from production, software usage, writing business plans and seed processing as well as, technical assistance training on operations management.” – DSC staff

The company increased annual seed production from 5 tons in 2008 to 600 tons by the end of August 2013. Through business plans developed with volunteer assistance, DSC accessed a \$100,000 line of credit for business expansion.

- Mwea Rice Multipurpose Cooperative hosted eight CNFA F2F volunteers, who provided assistance in organizational development, business management, marketing and branding of rice products. According to the cooperative's leadership team, development of a marketing and branding plan for this cooperative had immense impact. One of the volunteers worked with managers to develop the new “Kenya Select” brand, which was launched in January 2013. As a result of the new branding of seed production, sales increased by 30% from \$2.8M in 2010 to \$3.6M in 2013. MRGM doubled loans given to rice farmers from \$550,000 to \$1.03MM and also increased the number of loan recipients by 500. MRGM's purchases increased by 45% from 2,400 tons in 2010 to 3,500 tons in 2012. At the recommendation of a volunteer, MRGM invested in a new milling machine valued at \$230,000.
- Meru Multipurpose Cooperative Society (MMCS) is a member owned cooperative with over 33,000 members. MMCS is both a maize miller and a livestock feed manufacturer. During the LOP, MMCS hosted a total of nine volunteers. Volunteers assisted the cooperative in business development, quality assurance, feed formulation, as well as training of farming as a

*“More farmers now have confidence in our cooperative due to the professional manner it's managed. As a result we attracted 441 more farmers who supplied us with over 1 million kilograms of rice.... Without CNFA, we would not be able to produce 3million of the 68 million bags of rice produced in the greater Mwea region.”
- Chief Accountant:*

business. According to managers of MMCS, F2F volunteer assignments contributed to the following:

- Doubling of market share; production of feed also increased from 10 tons per day in 2009 to 20 tons per day in 2013 as a result of volunteer recommendations for feed formulation.
- Increased milk yields of between 3 to 5 litres per day per cow for farmers that used MMCS' new feed ration, equating to a \$2.32 increase in income per cow per day for farmers.
- Increased profitability of 28% per bag from \$2.90 to \$3.71 as cost of production reduced.
- Femoworks Ltd., an agriculture equipment fabricator, hosted four volunteer consultants who helped Femoworks develop prototypes of a jab and precision planter adapted to local Kenyan conditions. To ensure that the equipment was made available to the farmers, volunteers assisted the management in developing business and marketing plans. Plans enabled the company get the equipment to the smallholder farmers. The company is currently manufacturing the equipment for organizations and thereby supporting conservation agriculture.
- East Africa Grain Council (EAGC), a membership organization for grain value chain stakeholders (producers, processors, millers and traders), hosted four volunteers during the LOP. EAGC prepares, disseminates and promotes exchange of timely and accurate information on matters affecting the regional grain industry, standardized grain trading contracts and arbitration among others. EAGC launched the East Africa Grain Institute to train, mentor and provide technical and agribusiness training and capacity building of stakeholders in the grains value chain. F2F volunteers assisted EAGC in developing ICT training materials for training of trainers.

A number of challenges remain for actors in the grains value chain, hindering the ability of stakeholders to fully exploit the full potential of the sector. Market information access is still a challenge, and there is room for investing more in the information and communication (ICT) for information sharing and management. Unreliable weather patterns, as a result of climate change, continue to impact the sector negatively. Companies like DSC contributed to the provision of dry land seed varieties that have enhanced productivity in the dry areas. Furthermore, over the past two years, a necrotic maize disease reduced maize production in the high potential areas of the country. The potential for the sector is great, and remains largely untapped. Opportunities exist in increasing yields per unit area, value addition, structured trading within the country and the region, improving access to credit, enhancing market access and use of ICT in easing access to information, as well as ensuring that sustainability is built into all development efforts.

2. Oilseeds

CNFA fielded a total of 31 volunteers hosted by seven organizations within the oilseeds value chain. Assignments ranged from improved oilseed crop production, efficient oil extraction, and value addition of oilseed crops into high value commodities, e.g. high nutrition cereal-soya composites and porridge mixes, branding, marketing, and improved business management practices for the host organizations.

F2F program partners during the LOP, included, the USAID/Kenya, Ministry of Agriculture, the Kenya National Farmers' Federation (KENFAP) and KARI. The USAID mission provided guidance in developing oilseeds country project and volunteer debriefing. The Ministry of Agriculture partnered with F2F in host and assignment identification, linked the various stakeholders, as well as backstopped F2F volunteer efforts. KENFAP assisted F2F with host identification.

Some prominent host successes include:

- Jenga Kenya, a community-based microfinance organization, worked with nine volunteers throughout the LOP. F2F volunteers provided technical assistance in the areas of new loan products development, loan policy, management information systems, business management, while assignments with Jenga Kenya's affiliated groups included soil fertility management, positive potato seed selection training and training on farming as a business. As a result, Jenga Kenya realized growth in the following areas:
 - 2009 portfolio valued at \$18,600 increased to \$92,800 in 2013
 - Clients grew by 180% from 500 in 2009 to 1,400 in 2013
 - Total net revenue increased from \$760 to \$3,400, a 347% gain over four years
 - Agricultural lending increased by 224% from \$37,000 to \$83,000 per year, approximately 50% of total loan value
- Mitunguu Millers, a sunflower oil processor, hosted four F2F volunteer consultants who provided technical assistance in the areas of improved processing efficiency, marketing strategy, and training of sunflower out-growers on improved sunflower production. Notable results from CNFA F2F interventions include:
 - Improved oil extraction efficiency from 26% to 33%, equivalent to an increase of 70 liters of oil per 1000 kg of seed processed
 - Development of new markets following the marketing, branding and promotion strategy. The oil is now in the high-end supermarket chain, Tusksys, where more than 1000 liters of oil are sold each month
 - Increased production of sunflower seed for the processor, with farmers in Meru region producing over 600 metric tons in 2012
- From 2011 – 2012, Prosoya Ltd. worked with four volunteers on strategic business plan development, corporate governance, quality assurance and financial management. Training focused on providing start-up assistance to the newly formed and rapidly expanding company. The company grew steadily, making it one of F2F's most profitable host organizations in Kenya. In 2012, the company posted a profit after operating at a loss prior to that. Two of the volunteers were invited by managing director (CEO) to serve on the company's Advisory Board.

A number of key challenges exist in the oilseeds sub-sector that constrains actors working in this value chain. There is low competitiveness in production opportunities, especially for crops like soya-beans, which have to compete for the same land required for the common bean. Certified and appropriate seed systems need to be developed to address the shortage of good seed, especially for soya-bean seeds. Nevertheless, the oilseeds value chain has great potential, illustrated by the fact that many of the F2F hosts experienced high return on investment.

3. Horticulture

In early FY10, after from USAID/Kenya, CNFA added the horticulture project. Over the course of nearly four years of implementation, CNFA fielded 30 volunteers to six primary host organizations (and more than 20 secondary hosts) in the potato, mango and tomato value chains. The assignments were in highly specialized technical fields, ranging from micro-propagation of seed potatoes, grafting of tomatoes seedlings for bacterial wilt tolerance, value added product development to development of training curriculum for both Masters and Bachelors of Science degrees in Food Security and Livelihood Development.

During the five-year program cycle, CNFA partnered with USAID/Kenya, KARI Thika, the Ministry of Agriculture, International Potato Centre, Horticulture Crops Development Authority and Farm Africa. KARI partnered with F2F in providing background information in highly specialized technical areas like micro-propagation of seeds and grafting of vegetable seeds. To ensure continuity and sustainability of volunteer efforts, F2F and USAID jointly hosted volunteers in the USAID Horti-CRISP program implemented by KARI Thika. Farm Africa also partnered with CNFA to finance Kitui Development Centre in the improvement of the mango value chain, while F2F volunteers provided technical assistance in product development.

Noteworthy successes include:

- F2F volunteer consultants worked with the Agriculture Development Corporation Seed Potato Complex (ADCSPC) in transferring technical skills in micro-propagation of potatoes, soil fertility management, bacterial and viral disease detection, and elimination from the laboratory to the field production stage. Availability of certified and clean potato seeds remains a major constraint for potato production in Kenya, despite the fact that the potato is the second most prominent food crop after maize. F2F technical assistance resulted in the following:
 - Increased marketable seed production from 500 tons in 2011 to 2500 tons in 2013, while ADCSPC retains the mini-tubers for further multiplication to seed. This was due to better use of land and the development and efficient use of the tissue culture technology.
 - 100% increase in yields from 7 tons/ha to 14 tons in the seed production fields, following volunteer recommendation on soil fertility management and use of irrigation.
 - Early detection of diseases due to disease identification and elimination training. This led to the elimination of five contaminated varieties.
- First Choice Seed Enterprises (FCSE) hosted six volunteers, who developed training materials on high value greenhouse tomato production, high tunnels suitable to warm climates, grafting of tomatoes for disease tolerance and production of seedless watermelons.

Notable impacts include:

- Training materials for greenhouse vegetable production developed by volunteers formed the basic foundation for development of the training curriculum for farmers. FCSE contracted with CNFA and trained over 1,000 farmers.
- Business plan developed with the assistance of F2F volunteers enabled the company to access a loan of US \$113,000 for training center infrastructure development.
- Appropriate high tunnels prototype for warm climates was developed, and now this technology is being replicated within the farming community.

- Grafting of tomato seedlings for bacterial wilt tolerance was adopted and is currently being extended to the farmers through KARI Thika. This offers a solution to the high bacterial wilt incidences, especially, in areas where a bacterial resistant variety is used as the rootstock.
- CNFA collaborated with the newly chartered University of Eldoret (formally Chepkoilel University College) in the development of curriculum for new degree programs in Food Security and Livelihoods at both the Bachelors and Masters levels. After completing the assignment, the F2F volunteer attended the official commissioning by Kenya's President Mwai Kibaki and an invitation only breakfast in the president's honor.
- An F2F volunteer assisted the National Potato Council of Kenya (NPCK) in developing a manual on ware and seed potato storage guidelines. This manual is an important resource for stakeholders who produce and process potatoes.

The horticulture sector has immense potential in Kenya, with investment generating a high rate of return, yet post-harvest losses due to the perishable nature of produce remains a great challenge. Value addition is one part of the solution to this. Not only does it prolong the shelf-life, but it also increases the value of the finished product. There is still an opportunity to train more extension workers on production of high value crops. The lack of post-harvest handling facilities also contributes to produce spoilage.

B. Tanzania

During the life of the program, CNFA conducted 107 assignments with 30 hosts in Tanzania, representing a 107% completion rate. Thirty-eight percent of the assignments were in the grains value chain, 15% in legumes and 35% in the horticulture value chain. Twelve flex assignments were also completed in the oilseeds and livestock sub-sector(s). Details are provided below:

Tanzania Volunteer Assignments							
Value Chain	Y1 Actual	Y2 Actual	Y3 Actual	Y4 Actual	Y5 Actual	LOP Target	LOP Actual
Grains	1	8	9	11	12	37	41
Legumes	3	0	7	7	0	19	17
Horticulture	9	8	4	5	11	32	37
Flex (within Tanzania)	1	3	2	3	3	12	12
Tanzania Total	14	19	22	26	26	100	107

The program directly assisted over 1.3MM farmers and 5.4MM indirect beneficiaries. This assistance translated to net annual income increase of nearly \$6.8MM for assisted hosts. Annual gross sales increased by \$1.2MM.

During the life of program, over 200 recommendations were adopted. Overall, some 6.7MM persons were assisted, 1.3MM directly and 5.4 persons assisted indirectly. These included host

organizations, suppliers, and family members. CNFA volunteer assistance impacted positively on the following:

- Membership
- Production
- Gross annual sales
- Postharvest losses
- Market expansion
- Job creation
- Financial improvement

1. Grains

The main objective of the grain value chain was to increase the productivity and profitability of targeted hosts within the Tanzanian grains sector, and to raise incomes through increases in yields per unit area and improved efficiencies in production and marketing. Low yields per unit area, post-harvest grain losses (poor handling, lack of storage facilities), marketing constraints, poor irrigation water management, poor knowledge and skills in business and financial management, as well as, in cooperative development and management, were the overriding constraints to achieving these objectives. Rice growers and processors were a target of F2F volunteer assistance.

During the period under review, Tanzania implemented 41 volunteer assignments working with 14 host organizations in the grains country project, exceeding the LOP target by 10%.

Volunteer assignments covered the following areas of technical expertise:

- Good Agricultural Practices (GAP)
- Efficient use and management of irrigation water
- Farm management and farming as a business
- Accounting and Financial Management
- Business and Financial Management
- Cooperative development and management
- Entrepreneur marketing with women
- Gender assessment for NAFKA
- Grain Conference
- Leadership and Administration
- Marketing
- Post-harvest storage and handling of grains technologies
- Record keeping and systems
- Strategic planning

Many of these assignments were taken on concurrently or consecutively. In many instances, hosts worked with multiple volunteers in order to achieve their respective goals.

At the beginning of 2012, CNFA Tanzania collaborated with the NAFKA initiative on two USAID/Tanzania Feed the Future program assignments. The first assignment was the assessment of irrigated rice production with the UWAWAKUDA Irrigation Scheme, and the second, a gender assessment for NAFKA in Kongwa and Kiteto districts.

CNFA also worked with five savings and credit cooperative societies (SACCOS) to purchase agricultural inputs. SACCOS also raises loans from banks and other financial institutions, and further makes loans to members. The main objective of SACCOS is to promote savings among its members and create a source of credit for members at a controlled rate of interest. Access to funds for agricultural inputs is a major constraint to production. CNFA provided SACCOS farmers with the technical expertise needed to improve their production, sales and profitability to ensure that they would not default on the loans.

The F2F program provided volunteer technical assistance to five Tanzanian agricultural and market cooperative societies (AMCOS) in financial management and technical production. AMCOS supplies input for agricultural crop production, and also assists members with purchasing, processing, marketing and distribution of agricultural produce. AMCOS takes loans from banks or other financial institutions and further loans the funds to farmers. The groups that CNFA F2F worked with were a mix of both men and women ensuring gender balance in all areas of the project implementation.

Over five years, CNFA worked with a variety of smallholder farmers groups working in grain production, some of whom were women-owned, but the majority of which were included both males and females. Volunteers provided training to a total of 735 rice growers during 21 training sessions with an average of 35 participants per session. Based on agreements with the host organizations, the attendees trained at least five other farmers/neighbors using their farm as demonstration plots. As a result, nearly 3,700 smallholder rice growers were trained.

CNFA volunteers also trained a total of 1,150 maize farmers during 23 training sessions. The attendees trained at least five other farmers/neighbors using their farm as demonstration plots. This resulted in more than 5,750 farmers indirectly being trained. Of the 9,425 rice and maize farmers trained, 35% (3,299) were women.

Notable successes from hosts in the grains country project include:

- F2F volunteers conducted six volunteer assignments at Gendi Rural Cooperative Society. The most impactful was training in business planning and financial management in 2009. As a result, the cooperative developed a business plan and applied for \$47,600 from the Common Fund for Commodities (CFC) and European Union Partners in Commodity Development (EUPCD) to renovate an old warehouse, with a capacity of 300 tons for grain storage. In a later assignment in 2011, the cooperative developed a second business plan with F2F volunteer assistance, and leveraged additional funding from the Tanzania Warehouse Licensing Board for the construction of a new warehouse, valued at over \$46,000, with the capacity to hold 400 tons of grains. The cooperative society also applied for and received a loan of \$40,000 from the National Micro Finance Bank (NMB) Bank to operate a warehouse receipt system with its members. Additionally, a volunteer working with leaders of the cooperative on marketing strategy and financial management developed a strategy, which included working with the Export Trading Company (ETC) as a broker for purchasing pigeon peas for export. This collaboration earned the cooperative a commission of \$0.2 per kilo of peas sold on behalf of members. During the 2012 season, ETC purchased approximately 500 tons of pigeon peas.

- In 2011, an F2F volunteer trained Usomama SACCOS leaders in grain marketing. As a result, Usomama sourced and secured a contract with the World Food Programme (WFP) to sell 200 tons of maize at fair market value. Additionally, the company leveraged skills gained in business management to assist 20 members/farmers in accessing loans for capital investments through the government sponsored Kilimo Kwanza initiative. USOMAMA realized an 85% increase in maize price after farmers' training on marketing strategy development to meet WFP and Strategic Grain Reserve (SGR) standards.

The grains value chain continues to show tremendous potential, particularly with rice, major staple foods for the people of Tanzania. However, there are still many challenges. Agro inputs, such as fertilizers, seeds and herbicides are not readily available, and when they are, may not be of good quality, as counterfeit products exist on the market and farmers are unable to differentiate between them. Climate change has also been causing shorter rainy seasons. Poor infrastructure, especially roads, hinders smooth transportation to markets, and also increases transportation costs. Unorganized markets and the lack of financing for smallholder farmers, who have no collateral, create additional challenges.

2. Legumes

During the LOP, Tanzania implemented 17 volunteer assignments in the legumes country project, working with four host organizations in the following 10 areas of technical expertise:

- Assessment of Tandale market
- Bean Production
- Evaluation of Systems for Market Intelligence and Video Training
- Financial Management
- Finance and Human Resource Management
- Irrigation Management
- Leadership Skills
- Marketing Strategy and Business Skills
- Pest and Disease Control
- Post-harvest Handling

The main objective of the legume country project in Tanzania was to increase smallholder incomes of targeted hosts, while addressing needs identified by beneficiary groups, building technical capacities of producers and processors, and promoting legume crops with high potential for both market development and food security.

Legumes are the number one source of plant protein for many people, and are used extensively in Tanzanian local dishes. They are an integral source of food and income locally and in neighboring countries. Legume productivity vastly increases when farmland is increased and proper agronomic practices are used. Land is available but farmers, especially small-holder farmers, need financial assistance to purchase farm inputs, in order to increase acreage farmed.

Pigeon pea was intended to be the predominant crop targeted under the legumes country project, however, CNFA reduced its focus on this crop due to the scarcity of United States volunteer

expertise in this area. The program, therefore, provided more technical assistance to the grain and horticulture country projects.

CNFA collaborated with six partners, including a flex assignment with the USAID TAPP program that was also assisting IMANI and KIBIU groups in vegetable production for export through HomeVeg.

During the five-year LOP, more than 525 legume growers received direct training from F2F volunteers, while an estimated 2,625 received indirect training from other farmers. Out of this number, 65% were women.

Notable successes from hosts in the legumes country project include:

- KIBIU Vegetable Growers Cooperative Society (KIBIU): F2F volunteers trained KIBIU Vegetable Growers Cooperative Society (KIBIU) in integrated pest management, thus helping members understand that not all pests were a problem and trained them on identifying beneficial insects. Through training on postharvest handling, the KIBIU group received a grant from the African Development Fund, to construct a building that complied with GlobalGap standards for the storage of produce. In addition, their understanding of business through agribusiness training provided by a volunteer allowed them to contract directly with a seed purchaser called East West.
- In addition to working on the grains value chain, CNFA also trained Gendi Rural Cooperative Society members in pest and disease control on legumes. The cooperative society generated more than a 100% increase in pigeon pea yields from three bags to seven bags of 110kgs/ha, as a result of training. From the training on business, financial management and marketing, members established a floor price in the local pigeon pea market, thereby increasing gross annual sales by \$280k.
- HomeVeg Tanzania, an exporter of horticultural products to the EU, increased weekly exports of vegetables from three tons in 2010 to seven tons in 2013, as a result of F2F volunteer assistance. HomeVeg sources from a variety of small producer groups near Arusha, and numerous volunteer assignments focused on provision of technical assistance to these hosts. One indicator of success was the decline in post-harvest handling losses by 10% overall. HomeVeg plans to expand to 20tons/week export in 2014 through a new facility that was financed from a business plan written with help from an F2F volunteer. An F2F volunteer also provided input to the design of the facility.
- The Njombe and Makambako Agrodealer associations hosted three volunteers who provided technical assistance on leadership skills and marketing strategy development. Facilitated by volunteer interventions, the two cooperatives joined together to form a cooperative union called Njombe Agro Dealers Company Limited. This new union is expected to have increased capacity and leverage to further assist members in sales, links to input supply companies and promotion of agro-dealer rights and benefits.

There are a number of challenges facing the legume value chain in Tanzania. For example, farmers face low yields per unit area. They also experience post-harvest losses due to poor

handling and the lack of storage facilities. A shorter rainy season due climate change has also led to a decrease in available water. The lack of high quality seeds also hinders production while lack of organized markets is also a problem. Intermediate buyers create inefficiencies and reduce prices for producers. Poor infrastructure, especially roads, hinders smooth transportation to markets and also increases transportation costs. The lack of access to finance for small-holder farmers who lack collateral, has also been a major challenge. Poor knowledge and skills in business and financial management, as well as, in cooperative development and management have also been a major constraint. Furthermore, since Tanzania is a large country, traveling from one end to the other by road usually takes a minimum of two days, taking four days for volunteers just in traveling back and forth from their assignment locations. Due to these many challenges, demand/requests for volunteers is very high.

3. Horticulture

CNFA implemented 37 volunteer assignments in the grains country project exceeding the LOP target by 15%, supporting nine host organizations. More than 1,900 smallscale growers received direct training from CNFA F2F volunteers in different aspects of horticulture production while 9,500 growers were indirect trained. The main objective of assignments in the horticulture country project was to increase the incomes of smallholder horticulture farmers, traders, processors, business service providers, and other players. Training was on the following:

- Leadership skills and cooperative development
- Irrigation water management for efficient use of available water for irrigation
- Good Agricultural Practices (GAP) for horticultural crops
- Pack house management and Global Gap
- Post-harvest horticultural products handling practices to minimize losses
- Market strategy development to improve marketing ability

The key partners for the horticulture value chain included Tanzania Horticultural Association (TAHA) and their network of horticulture stakeholders, which assisted with the host selection. HomeVeg Tanzania LTD, a horticulture packing and export Company, provided assistance in the identification of small-scale growers groups in the value chain.

Key successes in the horticulture value chain include:

- VIMI SACCOS: Through F2F volunteer assistance, VIMI received guidance related to management of the SACCOS, resulting in an increase in loan amounts of \$37,800. The loans were provided to members for investment in improved seed varieties and agricultural technologies to support increased yields. The organization increased their membership from 491 in 2011 to 977 in 2013, and increased annual sales by over \$85,000.
- Imani Women Group, KIBIU and Usomama: Through F2F volunteer assistance on global gap training, these three farmer groups, which supply to HomeVeg, received a grant from the African Development Fund to build new offices with inputs stores that comply with global gap certification.
- UWANO Horticultural Cooperative Society is another one of the vegetable grower groups supplying to HomeVeg. It has more than 800 farmers growing fresh vegetables on an average of 1-3 acres, with tomatoes as their main source of income. UWANO hosted

five F2F volunteers. Volunteers trained members in leadership skills, financial management, soil management, irrigation water management and pest control in tomato. After implementing volunteer recommendations, growers increased tomato production, expanded their markets, and are keeping proper financial records. The cooperative developed a revolving credit program to assist growers organize their farm businesses and produce high-quality vegetable crops. Tomato production increased from 17,520 tons per acre in 2010 to 23,467 tons per acre in 2012. The average farm gate price of \$6.078 also increased to \$15.19 per crate during the same period.

The main constraints identified while working with hosts in the horticulture value chain include inefficient farmers cooperatives for quality production and collective marketing, inefficient use and management of irrigation, poor agronomic skills to improve yield and qualities of crops, limited knowledge and skills on postharvest handling of horticultural crops, as well as lack of marketing skills.

4. Flex Assignments

CNFA Tanzania provided a total of seven hosts with 12 volunteers under the flexible mechanism working in the oilseeds and livestock sub-sectors. The hosts included groups of small-scale farmers working together in savings and credit associations, cooperatives, producer-groups, the Tanzania Land Conservation Trust and the Ministry of Livestock Development and Fisheries. Volunteers met with stakeholders from multiple disciplines, regions and sectors, including but not limited to farmers, regional meat inspectors, members and officers of non-governmental organizations, non-profit organizations, value chain associations, extension agents, produce market managers and government officials.

Notable flex assignment successes include:

- The UMAMBE Oil Seed Expellers Cooperative Society, a small-scale sunflower growers association participated in a field trip to a neighboring oilseed processor for an observational tour where they learned the basic principles and procedures for handling processing machines, seeds and oil to improve operational efficiency.
- Chambasho SACCOS leaders were trained to create monthly profit and loss statements according to international accounting standards, to organize their loans into multiple categories for improved monitoring, and to improve the checks and balances of personnel within the organization with regards to handling cash and statement reconciliation. Members were trained to develop a marketing strategy. Training, included customer description and target market identification, SWOT analysis and understanding the current situation of the market. Each association left the training with their own marketing strategy, which aligned with their own unique goals.
- Assignments targeting the livestock sub-sector included:
 - Aiding nomadic pastoralists with a new recipe for a home-made tumble mixture and the use of urea/molasses licks
 - Examining a slaughterhouse for both environmental and operational standards with suggestions for water quality and availability protocols, sewage treatment, and a disposal plan for condemned carcasses. Volunteers provided suggestions on which equipment to keep, which to return and how to best use the saved funds to

improve surfaces for cleaning efficiency, controls for rodents and insects as well as suggested storage unit organization.

- Assessing the poultry and pork meat value chains with recommendations for 12 separate activities to be carried out by the meat board, cross-board (dairy, sugar, cotton, etc.) mentoring program suggestions, and steps to become the comprehensive source of information for producers, processors, government and consumers in order to reinforce compliance of the existing laws.
- Setting up a meat grading system including the criteria, standards and protocols for determining each livestock carcass grade. This assignment was completed with appropriate ministry personnel who participated in the creation of guidelines using illustrations of livestock on the hoof and hook for determining meat grades. These guidelines were further developed by a local expert and distributed through ministry channels. A review committee was also created to ensure homogeneous external communication of efforts.

C. Uganda

In Uganda, CNFA conducted a total of 94 assignments with 32 hosts over the five-year program period, directly assisting over 1.4MM farmers and indirectly benefitting 9MM family members. Forty-nine assignments were completed in the grains value chain, 32 assignments in the oilseed value chain and 12 under the flex mechanism for projects in apiculture, coffee, livestock and horticulture. The hosts benefitted from a range of training topics broadly categorized into organizational, financial, economic and environmental issues. Over 400 volunteer recommendations were adopted. This assistance translated to a net annual income increase of \$2.5MM for assisted hosts. Sales increased by \$2.7MM. The total area under improved-production increased by 870,000 (ha). Details of volunteer assignments are provided below.

Uganda Volunteer Assignments							
Value Chain	Y1 Actual	Y2 Actual	Y3 Actual	Y4 Actual	Y5 Actual	LOP Target	LOP Actual
Grains	4	13	11	11	11	49	50
Oilseeds	5	3	9	7	8	30	32
Flex (within Uganda)	0	2	3	4	3	12	12
Uganda Total	9	18	23	22	22	91	94

Hosts in Uganda encountered a number of challenges over five years of implementation. High rates of inflation created an unfavorable environment for businesses. This had an adverse effect on interest rates. High interest rates on loans dissuaded farm business investments. There was also severe drought during the life of the project, which reduced the anticipated yields.

CNFA Uganda hosted a closeout event for the East Africa region from September 11-13, 2013. The event was attended by CNFA Washington DC representatives and F2F teams from Uganda,

Tanzania and Kenya. The event consisted of presentations for successes and lessons learned, syntheses of roundtable events that had been held in all three countries, and field visits to two CNFA Uganda hosts from the grains value chain: Bukawa Area Cooperative Enterprise, Ltd. (Bukawa ACE) and Kapchorwa Commercial Farmers' Association (KACOFA).

1. Grains

In the grains value chain, Uganda fielded a total of 49 volunteers who trained 18 hosts on a variety of topics, including strategic plan development, organizational strengthening in leadership and management, cooperative development and management, and warehouse receipt system management to name a few. Volunteer assistance in the grain sector increased gross annual sales by \$760,000; benefitted 4500 directly and 730,000 family members indirectly.

CNFA's initiatives under this country project were buoyed by a close working relationship with the local USAID/Uganda Mission, other USAID funded projects, and the Ministry of Agriculture Animal Industry and Fisheries (MAAIF). CNFA also partnered with a number of organizations in providing volunteer technical assistance to F2F hosts. Support provided by these partners enabled hosts to successfully implement 153 volunteer recommendations. Partnerships developed during the period under review include:

- Lutheran World Relief (LWR): CNFA collaborated with the (LWR) and provided support to various hosts, namely, CEDO, Bakusekamajja, SWEPCU and WEBCOFCU. LWR provided grain/seed processing machinery to CEDO and Bakusekamajja. These contributions greatly improved the efficiency of machinery for both hosts. . LWR also provided financial support to KACOFA for organizational development, extension services and facilitation of activities. LWR constructed a warehouse for SWEPCU. Construction of another warehouse for WEBCOFCU is in progress. CNFA complemented LWR's work by fielding volunteers who provided training in cooperative development and management, strategic business planning and warehouse receipt system.
- Volunteer Efforts for Development Concerns (VEDCO): CNFA worked with VEDCO to support some of its farmer groups (Kalagala and Kakooge Farmers' Associations). VEDCO's goal is to improve the living conditions of the population by promoting food security and economic activity for increased household income, as well as, strengthening grassroots organizations to advance the interests of the marginalized communities in Uganda. VEDCO supported the two farmer groups with training in agronomy, provided credit facilities for them to invest in agricultural production, constructed a store where produce could be sold, and provided milling facilities for each of the groups. CNFA provided technical support to the farmers in organisational strengthening in management and leadership to ensure that the associations were sustainable after the withdrawal of VEDCO support.
- Vredeseilanden Coopibo (VECO): VECO is currently implementing sustainable agriculture chain development programs in Uganda. During the LOP, VECO worked with the F2F program and provided support to three of F2F grain hosts, including, IDFA and Namungalwe ACE. Support was in the form of input provision (improved seeds, oxen and ox-ploughs) and farmer training in various production and institutional development techniques.

- USAID projects: Livelihoods and Enterprises for Agricultural Development (LEAD) and Market Linkages Initiative (MLI), both USAID supported projects, provided support to two F2F grain value chain hosts, including KACOFA and FACE. LEAD's support was for capacity building, grain production, facilitation of field activities, construction of storage facilities, and procurement of grain processing equipment. USAID MLI provided FACE with funds for completion of a warehouse, improvement of storage facilities at farm level, purchase of equipment and capacity building of farmers and extension facilitators. FACE also received \$200k matching grant from USAID LEAD to purchase new cleaning machinery.

Key successes with hosts in the grains value chain in Uganda include:

- An F2F volunteer trained Bukawa ACE, a growers cooperative, in farm business development. The volunteer assisted the management team in developing a business plan with which the company obtained a microfinance loan of \$15,600 from the Microfinance Support Centre Limited for continued service provision to members. The loan enabled the host to lease a rice milling machine from the Ugandan government. Milling the rice added value, thereby increasing profit margins. In addition, a second F2F volunteer trained farmers in post-harvest handling techniques. As a result of this assignment, postharvest losses reduced significantly from 40% in 2010 to 15% in 2013.
- The F2F program completed three volunteer assignments with the Bukanga SACCO in leadership and management skills, farm business development and management skills, and savings mobilization and credit management. Bukanga SACCO members understood the importance of saving, and resolved to save an average of 30% of their earnings from produce sales. SACCO savings grew from \$15,100 in 2011 to \$54,400 in 2013. In addition, the rate of loan recovery increased from 25% to 40%.
- The F2F program provided training to the Pakanyi United Farmers Cooperative (PUFCO) in post-harvest handling of grains. Production more than tripled from 182MT in 2012 to 630MT in 2013. Correspondingly, total annual gross sales increased from \$84,200 to \$221,100.
- CNFA increased the efficiency of Masindi Seed and Grain Grower's Limited's (MSGGL) processing plant leading to the release of clean grain without foreign particles. MSGGL, a private enterprise, made a saving of UGX 22 (USD 0.008) per 50kg bag of maize initially incurred for hand picking of grain released from the rotary cleaner.
- Host organization CEDO mobilized financial resources of over \$362k in the form of grants to finance their activities. This was the result of two F2F assignments in business management and resource mobilization.
- KACOFA hosted eight volunteers over the life of the program. Volunteer assignments focused on management strategy and strengthening, agronomy, plant processing improvement, and irrigation system feasibility study. The combined effect of these assignments resulted in increased membership from 3,015 in 2009 to 6,912 in 2013, an increase of nearly 130%. The number of permanent employees increased by 50% from 9 to 18. The host also mobilized resources in the amount of \$4.026MM for capacity building, institutional development, and construction of a warehouse, purchase and installation of equipment, staff facilitation and provision of extension/advisory services.
- Iganga District Farmers' Association (IDFA) was trained in cooperative development and management. As a result, IDFA successfully mobilized farmers into farmer-owned and

managed cooperatives with a board and management structure. Cooperative members and leaders now fully understand their roles and responsibilities, resulting in increased member participation, management and ownership. IDFA membership has gradually grown from 3,000 members in 2009 to 32,000 in 2013. The host has established over 1,000 Village Savings and Loan Associations (VSLAs) with close to 30,000 members. The VSLAs provide a source of credit as farmers consolidate the produce and wait for a better price.

- Farmers' Center (FACE) acquired skills in farm business development (farming as a business), management, marketing and marketing strategy. With these skills, the host developed marketing and business plans. The plans enabled the host to acquire working capital loan of \$560k from Stanbic and DFCU banks. The loan was invested in capital assets leading to increased output. FACE increased its total commodity handling from 2,500MT in 2010 to over 13,000MT in 2012. The host out-scaled the training in farming as a business from the initial 267 farmers trained by the volunteer to over 10,000 farmers located in the different parts of Lango sub region.

High inflation and interest rates presented major challenges for accessing loans for capital improvement.

2. Oilseeds

CNFA fielded a total of 29 volunteers in the oilseeds country project in Uganda, exceeding the program target by two assignments. A total of nine hosts received volunteer technical assistance, three below the initial target of 12 hosts. Volunteer training focused heavily on strategic planning, organizational strengthening, and resource mobilization strategies. Several assignments concentrated on marketing skills and market development, extension skills, value addition, and post-harvest handling.

The oilseeds country project was a success, with great potential for growth. Host organizations mobilized \$1.1MM, and increased gross annual sales by \$1.9MM. The program directly benefitted 60,000 clients and indirectly benefitted 504,000 family members.

A number of projects and partners supported F2F oilseed hosts, including:

- Volunteer Efforts for Development Concerns (VEDCO) supported some of the oilseed value chain hosts such as ASCADA through provision of market information, support to the village savings and loan associations, provision of agricultural inputs, farmer training and extension/advisory services which enhanced implementation of volunteer recommendations.
- Vredeseilanden Coopibo (VECO) is currently implementing sustainable agriculture chain development programs in Uganda. VECO provides support to two of F2F oilseed hosts: SIMUCO and KUDFA. VECO supported CNFA by providing F2F hosts with targeted agricultural inputs (improved seeds, oxen and ox-ploughs). The company also trained farmers in various production and institutional development techniques.
- Two USAID projects provided support to a number of F2F hosts, including the Livelihoods and Enterprises for Agricultural Development (LEAD) and Market Linkages Initiative (MLI) initiatives. Mukwano, one of CNFA's oilseed value

chain hosts, benefitted from LEAD's capacity building and facilitation of field operations.

CNFA worked with nine hosts along the oilseed value chain. Key successes with hosts in the oilseeds value chain in Uganda include:

- Kumi District Farmers' Association (KUDFA) hosted four volunteers who delivered technical assistance in cooperative development and management, savings mobilization and credit management, and resource mobilization skills. As a result of CNFA volunteer assistance, the host obtained grants worth \$ 358k from five different development partners. The funding was used for farmer training, purchase of processing equipment, construction of a warehouse and training/resource center, procurement of agricultural inputs, and provision of advocacy and extension/advisory services.
- Host organization SIMUCO was trained in cooperative development, organizational strengthening in leadership and management, savings and credit management, and post-harvest handling. As a result, leaders now understand how to manage a cooperative successfully, and members clearly understand their rights, roles and responsibilities in the cooperative. With better understanding of cooperative business and additional assistance in savings mobilization and credit management, the savings culture among SIMUCO farmers improved and member savings increased from \$535 in 2010 to \$2,656 by mid-2013. In addition, the host formed 13 Village Savings and Loan Associations (VSLAs) to assist farmers with access to micro-credit. Additional assistance in post-harvest handling led to a decline in harvest and post-harvest losses from 50% in 2011 to 10% in 2013.
- With skills in leadership and group management acquired from an F2F volunteer assignment, NilePro Trust increased its membership by 100% from 4,100 in 2011 to 8,300 in 2013. The host used the training materials left by the volunteer to train over 100 groups. Furthermore, the host mobilized resources worth \$168,000 for training of other members that didn't benefit directly from the volunteer.
- Mukwano oilseeds and grain division acquired skills in cooperative development, and strategic business plan development from two volunteer assignments. To date the host has formed four cooperatives with membership ranging from 300 to 700. As recommended by the volunteer, the host procured a solvent extraction plant which extracts over 98% of the oil from sunflowers and soybeans compared to the previous 85% rate of extraction. This allowed Mukwano oilseeds and grain division to be more efficient as key players in the development of the oilseeds value chain. A business plan developed with assistance from an F2F volunteer helped the company access a loan that was used to purchase new solvent extractor estimated to be valued at \$900k. With solvent extraction, foreign matter reduced from 6% to 2%, and post-harvest losses reduced from 15% to 10%.
- Acwec Omio Women's Group acquired skills in agronomic practices and business plan development. As a result of implementing the volunteer recommendations, the host assisted member farmers to access quality certified seed varieties in order to move away from planting inferior quality seeds. In addition, the host trained farmers in best agronomic practices and provided advisory/extension services. As a result, productivity of peanut farmers increased from an average of 200kg per acre to 350kg – 500kg per acre. Due to the improved level of crop production, the host was approached by both the Victoria and Equator seed companies to carry out seed multiplication. There was an

increase in the volume of peanuts harvested from 120MT in 2011 to 350MT in 2012 with a corresponding increase in total annual sales from \$ 38,643 in 2011 to \$181,000. This is because farmers started growing peanut seeds, which fetch a considerably higher price.

3. Flex Assignments

Over the course of the program, F2F worked with five hosts under the flexible mechanism, namely:

1. Liberty Development Foundation (LIDEFO) for apiculture
2. Western Buganda Coffee Farmers' Cooperative Union (WEBCOFCU) for coffee
3. Kiima Foods for food packaging/processing machinery
4. Tonnet for horticulture
5. Uganda Crane Creameries Cooperative Union (UCCCU) for dairy

UCCCU hosted volunteers in the areas of proper livestock nutrition and dry season feeding in smallholder dairy production systems, herd and calf management, livestock breed improvement and management and livestock vector and disease control. As a result of these assignments, UCCCU membership increased from 11,000 in 2010 to 18,000 in mid-2013. Currently, the union on average consolidates 150,000 litres of dairy daily; with a turnover of \$5.1MM and 27MMlitres of milk annually.

In 2012, two CNFA volunteers assisted Kiima Foods in designing and developing an irrigation system for farmers. Kiima Foods lobbied the local government for \$12,766 for maintenance of the irrigation channels, and also for training farmers on water use and irrigation. Eight km of the formerly closed diversion was opened and is being utilized by 61 vegetable farmers. As a result, farmers are now able to grow horticultural crops year round for the ready market along the Uganda – DR Congo border. Crops grown during the dry season using irrigation earn farmers three or four times as much as those grown during the rainy season. For instance, a bag of eggplants that is sold at \$8 during the rainy season can fetch a price of \$24 during the dry season, while a basket of tomatoes selling at \$6 during the rainy season can be sold at \$24 during the dry season.

III. Flexible Assignments (Outside of Core Countries)

In addition to the core country flexible assignments described above, CNFA fielded seven flexible assignments outside of our core countries, including five in Rwanda and two in Bolivia. Since flexible assignments were programmed on an as-needed basis, there was no LOP target number per se, and thus there is no 'Plan' column in the table below.

East Africa Flex Assignments						
	Y1 Actual	Y2 Actual	Y3 Actual	Y4 Actual	Y5 Actual	LOP Actual
Rwanda	0	1	2	2	0	5
Bolivia	0	2	0	0	0	2
Leader Award Total	0	3	2	2	0	7

A. Rwanda

In FY10, CNFA established a relationship with the Institute of Agriculture, Technology and Education of Kibungo (INATEK), an agricultural university in Rwanda. INATEK is an accredited higher learning institute that seeks to improve opportunities and the position of students within the community. The school is working to further develop their capabilities in ICT, agricultural training, and research capacity. CNFA also worked closely with William Penn University in Iowa, from where all five volunteers were recruited from FY2010-12; assignment topics included:

- Assessment of INATEK's current capabilities and a GAP analysis
- Organizational management and strategy for an institution of higher learning
- Grant writing and fundraising
- Maize agronomy practices (including disease control, pest management, proper input methods and quantities)
- Adoption of Geographic Information System (GIS) practices

B. Bolivia

Two flexible F2F assignments were completed in Bolivia in FY10 by one volunteer, who worked with a local NGO. The NGO's mission is to provide its network of 31 producers, organizations, communities and entrepreneurs with technological innovations in production, trade, and value-added quality and accessibility as well as support services for rural economic development. The organization, FDTA-Valles, shares the cost of each volunteer assignment with CNFA, paying for most in-country costs, including volunteer lodging, transportation, and translation services. During the first assignment in January 2010, the volunteer assessed the host's production, post-harvest handling and marketing of specialty vegetables in the Cochabamba and Tarija Valleys, the results of which formed the framework for the organization's horticultural strategy. Five months later, a second follow-up assignment focused on assistance to the host's more developed horticultural strategy. Specifically, the volunteer provided instruction on proper post-harvest handling practices of vegetable crops.

IV. Lessons Learned

The following are lessons learned during the implementation of the CNFA F2F program:

- Continuous follow-up/advisory services by the field staff enhance implementation of the volunteer recommendations and can also provide an opportunity for additional training of the hosts.
- Good coordination between the hosts and CNFA was crucial especially during SOW development and timing of the volunteer fielding
- Routine interaction among hosts is very important to allow for experience sharing and should not be done only at the of the program as was the case
- There is enhanced implementation of volunteer recommendations if the host is provided with financial support by another partner. Some volunteer recommendations require some financial input in order to be implemented successfully for the benefit of the host.
- Assignment follow-up by the volunteer or implementation staff is needed to assist hosts in achieving their targets.
- Collaborative host assessment is a good procedure because it gives hosts an opportunity to identify their gaps/needs.
- External linkages should be encouraged to enable hosts to acquire additional resources to implement volunteer recommendations.

Annex A: USAID Standard Indicator Tables
Table 1A

CNFA East Africa
Farmer-to-Farmer
Table 1A: Volunteer Assignment Data

Assignment (Trp) No.	Name	Sex	State of Residence	Zip Code	Occupation Category	Race/Ethnicity	Prior F2F Assignments (Y/N)	Country	Country F2F Project	Assignment Start Date	Assignment End Date	Number of Volunteer Days Completed	Est. Value of Volunteer Services Leveraged (U.S.\$)	Est. Value of Host Contribution (U.S.\$)	Type of Volunteer Assistance	Commodity Chain Activities	Host(s)
Table 1A: Volunteer Assignment Data FY 13																	
C-E-247	Jeff Engels	M	OA	N/A	P	W/N	Y	Uganda	Oilseeds	10/1/2012	10/13/2012	13	\$6,110	\$1,413	T	P	Shubira Multipurpose Cooperative Society (SIMUCCO)
C-E-248	Istvan Keri	M	CA	93720	F	D	Y	Tanzania	Horticulture	10/13/2012	10/31/2012	19	\$8,930	\$965	T	F	UWANO Ngaranyuki Horticultural Cooperative Society
C-E-249	Larry Swalheim	M	WI	53589	Rtd	W/N	Y	Kenya	Grains	10/15/2012	11/2/2012	19	\$8,930	\$1,306	E	S	Agricultural Development Corporation (ADC)
C-E-250	Lynda Swenson	F	CA	92103	P	W/N	Y	Tanzania	Grains	11/3/2012	11/16/2012	15	\$7,050	\$540	O	S	GenDi Rural Cooperative
C-E-251	Eddie Shannon	F	AZ	85266	P	W/N	Y	Uganda	Flexible	11/10/2012	11/26/2012	17	\$7,990	\$600	F	S	Kiima Foods
C-E-252	Bernard Shannon	M	AZ	85266	P	D	N	Uganda	Grains	11/10/2012	11/26/2012	17	\$7,990	\$220	O	S	Community Enterprises Development Organization (CEDO)
C-E-253	Alan Laird	M	IA	52302	P	D	Y	Tanzania	Grains	11/14/2012	11/30/2012	17	\$7,990	\$234	T	S	South Western Producers Cooperative Union (SWEPCU)
C-E-254	Cesar Flores	M	CO	80207	P	D	Y	Tanzania	Horticulture	11/13/2012	12/1/2012	19	\$8,930	\$135	O	S	Umoya ni Ngwuu
C-E-255	Bruce Dolph	M	CA	90266	P	W/N	Y	Kenya	Oilseeds	11/17/2012	12/3/2012	17	\$7,990	\$550	O	S	Mito Andei Community Development Organization (MACODO)
C-E-256	Jack DeWit	M	CA	95618	F	D	Y	Tanzania	Grains	11/18/2012	12/8/2012	21	\$9,870	\$367	T	F	Itakara AMCOS
C-E-257	David Bernheisel	M	DE	19958	G	W/N	Y	Tanzania	Grains	11/25/2012	12/14/2012	20	\$9,400	\$220	O	S	Kapolo AMCOS
C-E-258	Joe Guenther	M	ID	83843	E	W/N	Y	Kenya	Horticulture	11/30/2012	12/21/2012	22	\$10,340	\$0	T	F	National Potato Council
C-E-259	Bryce Malsbary	M	NC	28791	Rtd	W/N	Y	Kenya	Grains	1/8/2013	1/21/2013	14	\$6,580	\$600	O	S	Meru Multipurpose Cooperative Society (MMCS)
C-E-260	Lynda Swenson	F	CA	92103	P	D	Y	Tanzania	Grains	12/29/2012	1/22/2013	25	\$11,750	\$0	F	S	Hanang District Council
C-E-261	Robert Weinberg	M	NC	28805	P	D	Y	Uganda	Oilseeds	1/9/2013	1/26/2013	18	\$8,460	\$368	E	M	NilePro Trust Ltd
C-E-262	Eddie Shannon	F	AZ	85266	P	W/N	Y	Kenya	Grains	1/10/2013	1/27/2013	18	\$8,460	\$2,090	O	S	South Western Producers Cooperative Union (SWEPCU)
C-E-263	Bernard Shannon	M	AZ	85266	P	W/N	Y	Uganda	Grains	1/10/2013	1/27/2013	18	\$8,460	\$601	O	S	PUFCO
C-E-265	Howard Weizmann	M	MD	21403	Rtd	W/N	Y	Kenya	Grains	1/6/2013	1/28/2013	23	\$10,810	\$470	O	S	Mwea Rice Growers Cooperative Society Ltd. (MRGM)
C-E-266	Jane Weizmann	F	MD	21403	Rtd	D	N	Kenya	Grains	1/6/2013	1/28/2013	23	\$10,810	\$525	O	S	Mwea Rice Growers Cooperative Society Ltd. (MRGM)
C-E-267	Jack Meyers	M	NM	87557	P	D	Y	Kenya	Oilseeds	1/22/2013	2/4/2013	14	\$6,580	\$450	O	S	Mito Andei Community Development Organization (MACODO)
C-E-268	Istvan Keri	M	CA	93720	F	D	Y	Tanzania	Horticulture	1/18/2013	2/4/2013	18	\$8,460	\$700	T	F	UWANO Ngaranyuki Horticultural Cooperative Society
C-E-269	Kaye Slusser	F	PA	16870	Rtd	D	Y	Kenya	Grains	1/20/2013	2/9/2013	21	\$9,870	\$410	O	S	Meru Multipurpose Cooperative Society (MMCS)
C-E-270	David Slusser	M	PA	16870	Rtd	W/N	Y	Kenya	Grains	1/20/2013	2/9/2013	21	\$9,870	\$410	O	S	Meru Multipurpose Cooperative Society (MMCS)
C-E-271	Robert Cowell	M	NV	89703	P	D	N	Kenya	Horticulture	1/26/2013	2/17/2013	23	\$10,810	\$250	O	S	National Potato Council
C-E-272	Regina Cowell	F	NV	89703	Rtd	D	Y	Kenya	Horticulture	1/26/2013	2/17/2013	23	\$10,810	\$150	E	S	National Potato Council
C-E-273	Dan Carr	M	NY	10591	P	D	N	Uganda	Flexible	2/1/2013	2/18/2013	18	\$8,460	\$331	T	F	Liberty Development Foundation (LIDEFO)
C-E-274	Clay Mason	M	MO	64110	P	D	Y	Kenya	Grains	2/2/2013	2/18/2013	17	\$7,990	\$617	O	S	Mwea Rice Growers Cooperative Society Ltd. (MRGM)
C-E-275	Jeff Engels	M	OA	N/A	P	D	Y	Kenya	Horticulture	2/2/2013	2/19/2013	18	\$8,460	\$750	O	S	Chipkollet University College (CUC)
C-E-276	Glen Keppy	M	IA	52906	F	W/N	Y	Uganda	Grains	1/27/2013	2/20/2013	25	\$11,750	\$790	O	S	BOMIDO
C-E-277	Thomas Kimmell	M	NC	28791	P	D	Y	Uganda	Grains	2/9/2013	2/24/2013	16	\$7,520	\$620	O	F	South Western Producers Cooperative Union (SWEPCU)
C-E-278	Sidney McGregor	M	CO	80218	P	D	Y	Tanzania	Horticulture	2/17/2013	3/9/2013	21	\$9,870	\$600	O	S	HomeVeg
C-E-279	Kirk Schmidt	M	CA	95076	N	D	Y	Tanzania	Horticulture	2/18/2013	3/10/2013	21	\$9,870	\$46	O	S	Umoya ni Ngwuu
C-E-280	Pamela Karg	F	WI	53913	C	W/N	Y	Uganda	Grains	2/22/2013	3/13/2013	20	\$9,400	\$121	O	S	Namungwalwe Area Cooperative Enterprise (NACE)
C-E-281	Bernard Shannon	M	AZ	85266	P	D	Y	Uganda	Oilseeds	2/26/2013	3/16/2013	19	\$8,930	\$250	O	S	Kumi District Farmers Association (KUDFA)
C-E-282	Eddie Shannon	F	AZ	85266	P	W/N	Y	Uganda	Grains	2/26/2013	3/16/2013	19	\$8,930	\$740	O	S	Kalagala Farmers' Association
C-E-283	Christine Blackledge	F	MI	49684	P	W/N	Y	Uganda	Oilseeds	3/9/2013	3/31/2013	23	\$10,810	\$670	O	S	Shubira Multipurpose Cooperative Society (SIMUCCO)
C-E-285	Malilde Paino D'Urzo	F	IN	47901	P	W/N	Y	Kenya	Horticulture	3/18/2013	4/9/2013	23	\$10,810	\$750	T	F	First Choice Seed Enterprises
C-E-286	John Williamson	M	VT	05257	F	D	N	Tanzania	Flexible	4/7/2013	4/25/2013	19	\$8,930	\$1,028	T	F	Hanang District Council
C-E-287	Brooke Weber	F	WI	53719	E	D	N	Kenya	Horticulture	4/6/2013	4/27/2013	22	\$10,340	\$900	T	F	Agricultural Development Corporation (ADC)
C-E-288	Tom Cadwallader	M	WI	54435	E	D	Y	Kenya	Horticulture	4/14/2013	5/1/2013	18	\$8,460	\$0	E	S	Kitui Development Center (KDC)
C-E-289	Corine Quarterman	F	VT	05148	P	D	Y	Tanzania	Grains	4/20/2013	5/11/2013	22	\$10,340	\$135	F	S	APEX Kilombero High Quality Rice Growers Ltd
C-E-290	Molly Ames	F	NY	14850	E	D	N	Uganda	Grains	4/27/2013	5/15/2013	19	\$8,930	\$300	E	S	Bukanga Area Cooperative Enterprise
C-E-291	David Eding	M	WA	99683	N	W/H	Y	Tanzania	Horticulture	4/27/2013	5/17/2013	21	\$9,870	\$125	O	S	Mlali Irrigation Scheme
C-E-292	Istvan Keri	M	CA	93720	F	D	Y	Tanzania	Horticulture	4/25/2013	5/18/2013	24	\$11,280	\$900	C	F	UWANO Ngaranyuki Horticultural Cooperative Society
C-E-293	Velma Gwishiri	F	NC	28345	P	D	Y	Tanzania	Horticulture	5/5/2013	5/25/2013	21	\$9,870	\$569	O	S	Vimi SACCOS
C-E-294	Tara Sabre Collier	F	MD	21210	N	W/N	Y	Uganda	Grains	5/13/2013	5/27/2013	15	\$7,050	\$63	F	S	Vijana Mbea High Quality Rice Millers Company
C-E-295	Lynda Swenson	F	CA	92103	P	D	Y	Tanzania	Grains	5/13/2013	6/1/2013	20	\$9,400	\$113	O	S	APEX Kilombero High Quality Rice Growers Ltd
C-E-296	Christine Blackledge	F	MI	49684	P	W/N	Y	Uganda	Oilseeds	5/8/2013	6/1/2013	25	\$11,750	\$270	O	S	Apac Sub County Agricultural Development Association (ASCADA)
C-E-297	Norbert Soltwedel	M	IL	62461	G	Am	Y	Tanzania	Grains	5/15/2013	6/3/2013	20	\$9,400	\$230	T	P	Usonama SACCOS
C-E-298	Kenneth McMillin	M	LA	70810	E	D	Y	Tanzania	Flexible	5/13/2013	6/4/2013	23	\$10,810	\$1,548	T	P	Tanzania Meat Board
C-E-299	Pamela Karg	F	WI	53913	C	D	Y	Kenya	Grains	5/24/2013	6/12/2013	20	\$9,400	\$0	O	S	Mbingu AMCOS
C-E-300	William Nichols	M	MA	02459	P	W/N	Y	Tanzania	Legumes	5/26/2013	6/14/2013	20	\$9,400	\$100	O	S	Tamagrasai SACCOS
C-E-301	Kaye Slusser	F	PA	16870	Rtd	D	Y	Kenya	Grains	5/26/2013	6/15/2013	21	\$9,870	\$400	T	F	Meru Multipurpose Cooperative Society (MMCS)
C-E-302	David Slusser	M	PA	16870	Rtd	D	Y	Kenya	Grains	5/26/2013	6/15/2013	21	\$9,870	\$600	T	S	Meru Multipurpose Cooperative Society (MMCS)
C-E-303	Jerry Heath	M	KS	66062	P	W/N	Y	Kenya	Grains	5/19/2013	6/18/2013	31	\$14,570	\$3,450	T	P	East African Grain Council
C-E-304	Jill Moischenbacher	F	TN	37167	E	D	N	Kenya	Grains	6/1/2013	6/21/2013	21	\$9,870	\$900	T	F	Mwea Rice Growers Cooperative Society Ltd. (MRGM)
C-E-305	Dorothy Blair	F	PA	16827	E	D	N	Uganda	Oilseeds	6/6/2013	6/26/2013	21	\$9,870	\$103	T	P	Masindi Seed and Grain Grower's Limited (MSGGL)
C-E-306	Jonathan Whitworth	M	ID	83406	G	D	Y	Kenya	Horticulture	6/10/2013	6/28/2013	19	\$8,930	\$1,550	T	S	Agricultural Development Corporation (ADC)
C-E-307	William Miller	M	OR	97486	F	D	Y	Tanzania	Flexible	6/15/2013	6/28/2013	14	\$6,580	\$0	E	S	TAGMARK
C-E-308	Annie Bossange	F	CA	95616	S	D	N	Tanzania	Horticulture	6/9/2013	6/29/2013	21	\$9,870	\$526	T	F	Vimi SACCOS
C-E-309	Glucio Lopes	M	WI	53711	P	D	N	Uganda	Flexible	6/10/2013	6/30/2013	21	\$9,870	\$1,726	T	F	Uganda Crane Creameries Cooperative Union Limited (UCCCU)
C-E-310	Luis Mendonca	M	KS	66502	E	D	N	Uganda	Flexible	6/16/2013	6/30/2013	15	\$7,050	\$1,726	O	S	Uganda Crane Creameries Cooperative Union Limited (UCCCU)
C-E-311	Elin Miller	F	OR	97471	F	D	N	Kenya	Flexible	6/24/2013	7/5/2013	12	\$5,640	\$0	E	S	Kenya National Agroderealers Association (KENADA)
C-E-312	Diane Griffin	F	NC	28530	P	W/N	N	Tanzania	Grains	6/22/2013	7/12/2013	21	\$9,870	\$230	O	S	Usonama SACCOS
C-E-313	Valerie Stinger	F	CA	94303	P	D	Y	Uganda	Grains	6/23/2013	7/13/2013	21	\$9,870	\$588	T	P	Bukawa Area Marketing Enterprise Cooperative (BUKAWA)
C-E-314	Christine Blackledge	F	MI	49684	P	W/N	Y	Uganda	Oilseeds	7/10/2013	7/20/2013	11	\$5,170	\$225	E	S	Shubira Multipurpose Cooperative Society (SIMUCCO)
C-E-315	James Worstell	M	AR	72003	C	W/N	Y	Uganda	Grains	7/17/2013	7/20/2013	14	\$6,580	\$300	T	F	Namungwalwe Area Cooperative Enterprise (NACE)
C-E-316	Richard Leep	M	MI	49301	E	W/N	Y	Uganda	Oilseeds	7/17/2013	7/22/2013	16	\$7,520	\$50	C	S	Shubira Multipurpose Cooperative Society (SIMUCCO)
C-E-317	Vincent Wright	M	TX	75647	P	D	Y	Tanzania	Grains	7/15/2013	7/30/2013	16	\$7,520	\$94	E	S	Chimika AMCOS
C-E-318	Tom Cadwallader	M	WI	54435													

Table 1a: Volunteer Assignment Data FY12														
ID	Name	Gender	Country	City	Start Date	End Date	Days	Hours	Rate	Total	Agency	Agency Type	Agency Address	Agency Phone
C-E-170	Rick Christensen	M	Kenya	Kenya	9/19/2011	10/6/2011	18	\$8,460	\$0	T	P	Sungold Foods LLC		
C-E-171	Janne Voigt	F	Tanzania	Tanzania	10/2/2011	10/15/2011	14	\$6,580	\$140	E	M	Mbonzo AMCOS		
C-E-172	Patty Stillwell	F	Tanzania	Tanzania	10/2/2011	10/15/2011	14	\$6,580	\$140	E	M	Mbonzo AMCOS		
C-E-173	Bob Cooperider	M	Uganda	Uganda	9/25/2011	10/22/2011	28	\$13,160	\$400	E	P	Kapchorwa Commercial Farmers' Association (KACOFA)		
C-E-174	Nancy Walker	F	Uganda	Uganda	9/30/2011	10/25/2011	26	\$12,220	\$300	O	S	Nakalama ACE		
C-E-175	S Peder Cuneo	M	Tanzania	Tanzania	10/9/2011	10/31/2011	23	\$10,810	\$2,500	O	S	Ministry of Livestock and Fisheries		
C-E-176	Kenneth Rice	M	Uganda	Uganda	10/28/2011	11/11/2011	16	\$7,520	\$270	T	F	Masindi Seed and Grain Grower's Limited (MSGGL)		
C-E-177	Vincent Wright	M	Uganda	Uganda	10/21/2011	11/13/2011	25	\$11,750	\$250	E	S	Community Enterprises Development Organization (CEDO)		
C-E-178	Debbie Stevens	F	Rwanda	Rwanda	11/2/2011	11/19/2011	18	\$8,460	\$891	O	S	Institute of Agriculture, Technology and Education of Kibungo (NATEK)		
C-E-179	Zacch Olornnippa	M	Kenya	Kenya	11/27/2011	12/9/2011	13	\$6,110	\$0	E	S	Menu Multipurpose Cooperative Society (MMCS)		
C-E-180	Joan Lowell	F	Tanzania	Tanzania	11/29/2011	12/14/2011	16	\$7,520	\$857	O	S	Hanang District Council		
C-E-181	Ining Lowell	M	Tanzania	Tanzania	11/29/2011	12/14/2011	16	\$7,520	\$946	O	M	Hanang District Council		
C-E-182	Daniel Shaneyfelt	M	Kenya	Kenya	11/25/2011	12/17/2011	23	\$10,810	\$909	E	M	Mwea Rice Growers Cooperative Society Ltd. (MRGM)		
C-E-183	Jack DeWit	M	Kenya	Kenya	11/29/2011	12/17/2011	19	\$8,930	\$170	T	F	Mwea Irrigation Agricultural Development Centre (MIAD)		
C-E-184	Gary Frank	M	Kenya	Kenya	11/30/2011	12/18/2011	19	\$8,930	\$0	F	S	Jenga Kenya		
C-E-185	Robert Albrecht	M	Uganda	Uganda	12/2/2011	12/22/2011	21	\$9,870	\$353	T	P	Apac Sub County Agricultural Development Association (ASCADA)		
C-E-186	Mary Albrecht	F	Uganda	Uganda	12/2/2011	12/22/2011	21	\$9,870	\$531	O	S	PUFCO		
C-E-187	Bruce Hicks	M	Uganda	Uganda	1/6/2012	1/18/2012	13	\$6,110	\$550	F	S	Nakalama ACE		
C-E-188	Karl Ginchich	M	Uganda	Uganda	1/7/2012	1/24/2012	18	\$8,460	\$245	F	S	Mwea Rice Growers Cooperative Society Ltd. (MRGM)		
C-E-189	David Bernhiesel	M	Uganda	Uganda	1/16/2012	2/6/2012	22	\$10,340	\$568	O	S	Masindi Seed and Grain Grower's Limited (MSGGL)		
C-E-190	George Kornstad	M	Uganda	Uganda	1/23/2012	2/10/2012	19	\$8,930	\$485	O	P	PUFCO		
C-E-191	Norbert Sotwedel	M	Uganda	Uganda	2/4/2012	2/19/2012	16	\$7,520	\$550	T	P	BO/OMDO		
C-E-192	George Cummins	M	Kenya	Kenya	2/3/2012	2/24/2012	22	\$10,340	\$320	T	P	Kitui Development Center (KDC)		
C-E-193	Brian Doyle	M	Kenya	Kenya	2/11/2012	2/26/2012	16	\$7,520	\$437	O	S	Mtito Andei Community Development Organization (MACODO)		
C-E-194	Louis Doering	M	Tanzania	Tanzania	2/11/2012	2/26/2012	16	\$7,520	\$76	O	S	Mbonzo AMCOS		
C-E-195	Janet Buresh	F	Tanzania	Tanzania	2/11/2012	2/26/2012	16	\$7,520	\$854	O	S	Njombe Agrodolers Co. Ltd.		
C-E-196	Bob Cooperider	M	Uganda	Uganda	2/29/2012	3/17/2012	18	\$8,460	\$0	T	P	Masindi Seed and Grain Grower's Limited (MSGGL)		
C-E-197	Leonard Knoblock	M	Tanzania	Tanzania	3/3/2012	3/23/2012	21	\$9,870	\$1,111	T	P	Mbingu AMCOS		
C-E-198	Lynda Swenson	F	Tanzania	Tanzania	3/1/2012	3/23/2012	23	\$10,810	\$0	O	M	Mbonzo AMCOS		
C-E-199	Istvan Keri	M	Tanzania	Tanzania	3/16/2012	4/1/2012	17	\$7,990	\$0	T	F	UWAWAKUDA		
C-E-200	Mark Arena	M	Kenya	Kenya	3/18/2012	4/7/2012	21	\$9,870	\$500	T	F	First Choice Seed Enterprises		
C-E-201	Brian Boman	M	Tanzania	Tanzania	4/1/2012	4/17/2012	17	\$7,990	\$580	T	F	Mahande Rice Grower's Association		
C-E-202	Matthew Kleinhenz	M	Kenya	Kenya	4/13/2012	4/25/2012	13	\$6,110	\$300	T	F	First Choice Seed Enterprises		
C-E-203	Joseph Mc Fadden	M	Tanzania	Tanzania	4/7/2012	4/25/2012	19	\$8,930	\$973	F	S	Mpanga SACCOS		
C-E-204	William Nichols	M	Tanzania	Tanzania	4/14/2012	5/3/2012	20	\$9,400	\$77	E	M	Mtiti Irrigation Scheme		
C-E-205	Ann Savage	F	Uganda	Uganda	4/14/2012	5/5/2012	22	\$10,340	\$485	O	S	Sihubira Multipurpose Cooperative Society (SIMUCO)		
C-E-206	Louise Swartzwalder	F	Uganda	Uganda	4/14/2012	5/5/2012	22	\$10,340	\$196	O	M	Apac Sub County Agricultural Development Association (ASCADA)		
C-E-207	Dianne Twete	F	Uganda	Uganda	4/14/2012	5/6/2012	23	\$10,810	\$940	T	F	HomeVeg		
C-E-208	Scott Stovall	M	Uganda	Uganda	4/19/2012	5/9/2012	21	\$9,870	\$75	O	S	Alito Joint Christian Farmers' Group		
C-E-209	Corine Quarterman	F	Tanzania	Tanzania	5/5/2012	5/25/2012	21	\$9,870	\$3,087	T	S	Udzungwa SACCOS		
C-E-210	Kenneth McMillin	M	Tanzania	Tanzania	5/20/2012	6/9/2012	21	\$9,870	\$2,132	O	P	Tanzania Meat Board		
C-E-211	Pamela Karg	F	Kenya	Kenya	5/28/2012	6/18/2012	22	\$10,340	\$150	O	S	Kitui Development Center (KDC)		
C-E-212	Tom Jondiko	M	Kenya	Kenya	6/2/2012	6/19/2012	18	\$8,460	\$820	T	P	Mwea Rice Growers Cooperative Society Ltd. (MRGM)		
C-E-213	Yaovi Djissenou	M	Tanzania	Tanzania	6/2/2012	6/21/2012	20	\$9,400	\$244	T	P	Kapoto AMCOS		
C-E-214	Scott Stovall	M	Kenya	Kenya	5/27/2012	6/21/2012	26	\$12,220	\$700	O	S	Dryland Seed Company		
C-E-215	Aboubacar Diagne	M	Uganda	Uganda	6/2/2012	6/21/2012	20	\$9,400	\$200	T	F	Mtiti Irrigation Scheme		
C-E-216	Istvan Keri	M	Uganda	Uganda	6/1/2012	6/22/2012	22	\$10,340	\$0	T	S	Kapchorwa Commercial Farmers' Association (KACOFA)		
C-E-217	Juan Guerrero	M	Tanzania	Tanzania	6/9/2012	6/23/2012	15	\$7,050	\$1,242	T	P	Tanzania Land Conservation Trust (TLCT)		
C-E-218	Loren Parks	M	Kenya	Kenya	6/2/2012	6/24/2012	23	\$10,810	\$393	O	S	Mtito Andei Community Development Organization (MACODO)		
C-E-219	Edie Shannon	F	Uganda	Uganda	6/6/2012	6/25/2012	20	\$9,400	\$80	O	S	Liberty Development Foundation (LIDFEO)		
C-E-220	Denese Neu	M	Kenya	Kenya	6/10/2012	7/2/2012	23	\$10,810	\$172	E	S	Jenga Kenya		
C-E-221	Kay Rockwell	F	Tanzania	Tanzania	6/22/2012	7/8/2012	17	\$7,990	\$139	O	S	Ilakara AMCOS		
C-E-222	Robert Albrecht	M	Kenya	Kenya	6/25/2012	7/14/2012	20	\$9,400	\$150	T	P	Menu Multipurpose Cooperative Society (MMCS)		
C-E-223	Mary Albrecht	F	Kenya	Kenya	6/25/2012	7/14/2012	20	\$9,400	\$0	O	S	Jenga Kenya		
C-E-224	Jeanne Bartholomew	F	Uganda	Uganda	7/9/2012	7/28/2012	20	\$9,400	\$1,031	O	S	Western Buganda Coffee Farmers' Cooperative Union (WEBCOFCU)		
C-E-225	Steven Tammeus	M	Kenya	Kenya	7/14/2012	7/28/2012	15	\$7,050	\$198	E	S	Prosoya Kenya Ltd.		
C-E-226	Nana Bekoe Sakyi	M	Kenya	Kenya	7/14/2012	8/1/2012	19	\$8,930	\$225	E	S	Kitui Development Center (KDC)		
C-E-227	Jillann W. Richardson	M	Tanzania	Tanzania	7/13/2012	8/2/2012	21	\$9,870	\$662	O	S	NAFAKA		
C-E-228	Frost Stele	M	Kenya	Kenya	7/19/2012	8/4/2012	17	\$7,990	\$0	E	P	Sungold Foods LLC		
C-E-229	Debbie Stevens	F	Rwanda	Rwanda	7/27/2012	8/12/2012	17	\$7,990	\$842	T	S	Institute of Agriculture, Technology and Education of Kibungo (NATEK)		
C-E-230	Valerie Stinger	F	Tanzania	Tanzania	7/21/2012	8/12/2012	23	\$10,810	\$0	O	M	Ilakara AMCOS		
C-E-231	Jerry Heath	M	Kenya	Kenya	7/22/2012	8/19/2012	28	\$13,160	\$2,850	T	P	East African Grain Council		
C-E-232	Ricardo Chelbel	M	Uganda	Uganda	8/4/2012	8/19/2012	16	\$7,520	\$1,265	T	F	Uganda Crane Creameries Cooperative Union Limited (UCCCU)		
C-E-233	J. Peter Clark	M	Kenya	Kenya	8/18/2012	8/28/2012	11	\$5,170	\$617	T	P	Prosoya Kenya Ltd.		
C-E-234	Merle Anderson	M	Uganda	Uganda	8/13/2012	9/5/2012	24	\$11,280	\$280	O	S	Western Buganda Coffee Farmers' Cooperative Union (WEBCOFCU)		
C-E-235	Pamela Karg	F	Kenya	Kenya	8/18/2012	9/5/2012	19	\$8,930	\$650	O	S	Kitui Development Center (KDC)		
C-E-236	Thomas Kimmel	M	Tanzania	Tanzania	8/25/2012	9/8/2012	15	\$7,050	\$290	O	M	HomeVeg		
C-E-237	Robert Weinberg	M	Tanzania	Tanzania	8/25/2012	9/13/2012	20	\$9,400	\$900	O	M	Vimi SACCOS		
C-E-238	Hans Kandel	M	Uganda	Uganda	8/31/2012	9/18/2012	19	\$8,930	\$200	T	F	Kapchorwa Commercial Farmers' Association (KACOFA)		
C-E-239	Don Horneck	M	Kenya	Kenya	9/1/2012	9/19/2012	19	\$8,930	\$600	T	S	Agricultural Development Corporation (ADC)		
C-E-240	Henry Winoogron	M	Uganda	Uganda	9/5/2012	9/20/2012	16	\$7,520	\$500	O	S	Prosoya Kenya Ltd.		
C-E-241	Robert Albrecht	M	Uganda	Uganda	9/4/2012	9/23/2012	20	\$9,400	\$402	T	F	ABC Children's Aid		
C-E-242	Mary Albrecht	F	Uganda	Uganda	9/4/2012	9/23/2012	20	\$9,400	\$1,386	O	S	NilePro Trust Ltd		
C-E-243	Michael Chaffin	M	Tanzania	Tanzania	9/8/2012	9/26/2012	19	\$8,930	\$1,230	T	F	Hanang District Council		
C-E-244	Christine Blackledge	F	Kenya	Kenya	9/8/2012	9/29/2012	22	\$10,340	\$3,143	O	S	Mwea Rice Growers Cooperative Society Ltd. (MRGM)		
FY12 TOTAL:							1,453	\$682,910	\$44,759					

Table 1a: Volunteer Assignment Data FY10																	
C-E-31	Joseph McFadden	M	NJ	07006	Rtd	D	Y	Tanzania	Grains	9/12/2009	10/1/2009	19	\$8,930	\$360	O	F	Gendi Rural Cooperative
C-E-32	Dorothy Lucht	F	OR	97038	Rtd	D	Y	Tanzania	Grains	9/13/2009	10/1/2009	19	\$8,930	\$550	O	F	APEX Kilombero High Quality Rice Growers Ltd
C-E-33	Jerome Heuertz	M	AZ	85375	Rtd	D	Y	Uganda	Grains	9/14/2009	10/1/2009	18	\$8,460	\$750	O	F	Bukawa Area Marketing Enterprise Cooperative (BUKAWA)
C-E-34	Richard Leap	M	MI	49301	E	D	Y	Kenya	Grains	9/19/2009	10/5/2009	17	\$7,990	\$20	T	S	Fenoworks
C-E-35	William Riley	M	IA	50112	G	D	Y	Kenya	Oilseeds	9/23/2009	10/12/2009	20	\$9,400	\$0	E	S	Jenga Kenya
C-E-36	George Kornstad	M	WI	54873	Rtd	D	Y	Kenya	Grains	9/28/2009	10/16/2009	19	\$8,930	\$60	T	P	Menu Multipurpose Cooperative Society (MCMCS)
C-E-37	Don Lotter	M	CA	95616	P	D	Y	Tanzania	Horticulture	9/29/2009	10/20/2009	22	\$10,340	\$50	T	F	Midawe Horticultural Group
C-E-38	Scott Stovall	M	NM	87505	F	W/N	Y	Kenya	Grains	10/10/2009	10/29/2009	20	\$9,400	\$20	E	S	Fenoworks
C-E-39	Joel Ransom	M	ND	58103	E	D	Y	Kenya	Flexible	10/15/2009	10/30/2009	16	\$7,520	\$0	T	F	AGMARK Agrodealers
C-E-40	Ahmed Awad	M	NJ	07652	P	D	Y	Kenya	Oilseeds	10/12/2009	10/26/2009	15	\$7,050	\$0	T	P	SoyAlic, Ltd.
C-E-41	Paul Gorman	M	MN	56003	E	D	N	Uganda	Grains	10/13/2009	11/1/2009	20	\$9,400	\$487	E	F	Bukawa Area Marketing Enterprise Cooperative (BUKAWA)
C-E-42	John Cardina	M	OH	44691	E	D	Y	Tanzania	Flexible	10/26/2009	11/12/2009	19	\$8,930	\$0	T	F	TAGMARK Agrodealers
C-E-43	Vernon Hofman	M	ND	58102	E	D	Y	Kenya	Oilseeds	11/2/2009	11/17/2009	16	\$7,520	\$30	T	P	Mitungu Millers
C-E-44	Richard Tinsley	M	CO	80525	Rtd	W/N	Y	Kenya	Oilseeds	11/8/2009	12/9/2009	30	\$14,100	\$0	T	S	N/A
C-E-45	Ron Straton	M	MT	59072	P	D	Y	Kenya	Flexible	11/14/2009	12/8/2009	23	\$10,810	\$1,460	T	P	Olwe Farms Limited
C-E-46	Ron Naves	M	OK	74074	P	D	Y	Uganda	Grains	12/3/2009	12/19/2009	17	\$7,990	\$515	T	F	Kapchorwa Commercial Farmers' Association (KACOFA)
C-E-47	Charles Bruce Williams	M	NC	28409	P	D	Y	Bolivia	Flexible	11/4/2010	1/23/2010	19	\$8,930	\$1,760	T	M	Fundacion - Valles
C-E-48	Scott Stovall	M	NM	87505	F	W/N	Y	Kenya	Grains	1/9/2010	1/29/2010	21	\$9,870	\$200	E	S	Dryland Seed Company
C-E-49	Eveit Qust	M	WI	54481	P	D	N	Tanzania	Horticulture	1/23/2010	2/10/2010	19	\$8,930	\$6	O	S	UVWA Horticultural Cooperative Society
C-E-50	Velma Gwishini	F	NC	28345	P	D	Y	Tanzania	Horticulture	2/3/2010	2/18/2010	16	\$7,520	\$0	F	P	UWANO Ngaranyuku Horticultural Cooperative Society
C-E-51	Norbert Soltwedel	M	IL	62461	G	D	Y	Uganda	Grains	2/4/2010	2/22/2010	19	\$8,930	\$410	T	P	Bukawa Area Marketing Enterprise Cooperative (BUKAWA)
C-E-52	Dick Shtirer	M	CT	06371	E	D	Y	Uganda	Flexible	2/6/2010	2/21/2010	16	\$7,520	\$360	F	S	Chambasho SACCOS
C-E-53	Cindy Leap	F	MI	49301	P	D	Y	Uganda	Grains	2/8/2010	3/3/2010	24	\$11,280	\$140	T	P	Magezi Bugaga Progressive Enterprise Association
C-E-54	Richard Leap	M	MI	49301	E	D	Y	Uganda	Grains	2/8/2010	3/3/2010	24	\$11,280	\$400	T	F	Sironko Amaranth Growers Association (SIAGA)
C-E-55	Bryce Malsbary	M	NC	28791	Rtd	D	Y	Kenya	Grains	2/8/2010	2/22/2010	15	\$7,050	\$110	E	S	Kenya National Agrodealers Association (KENADA)
C-E-56	Allan Hodgson	M	MO	78734	Rtd	D	Y	Kenya	Oilseeds	2/13/2010	3/4/2010	20	\$9,400	\$20	T	P	Kilimanjaro Light Industries Ltd
C-E-57	Andy Stewart	M	OK	73162	P	D	Y	Kenya	Grains	2/13/2010	3/5/2010	21	\$9,870	\$20	E	S	Fenoworks
C-E-58	David Slusser	M	PA	16870	P	D	Y	Uganda	Grains	2/17/2010	3/13/2010	25	\$11,750	\$585	O	F	Bakusekamaja Women Farmers Development Association
C-E-59	Thomas Kimmell	M	NC	28791	P	D	Y	Kenya	Oilseeds	3/7/2010	3/25/2010	19	\$8,930	\$0	O	S	Kenya Soybean Farmers' Association (KESOFA)
C-E-60	Jim Valentine	M	CA	93720	Rtd	W/N	Y	Kenya	Horticulture	3/15/2010	4/3/2010	20	\$9,400	\$0	E	M	Kitui Development Center (KDC)
C-E-61	Roger Holck	M	IA	50171	Rtd	W/N	Y	Uganda	Oilseeds	3/22/2010	4/12/2010	22	\$10,340	\$600	O	S	Kumi District Farmers Association (KUDFA)
C-E-62	Richard Leap	M	MI	49301	E	D	Y	Kenya	Horticulture	4/5/2010	4/28/2010	24	\$11,280	\$0	T	S	N/A
C-E-63	Bruce Dolph	M	CA	90266	P	D	N	Tanzania	Grains	4/6/2010	4/22/2010	17	\$7,990	\$0	E	M	Light Women and Men Meals Enterprises
C-E-64	Robert Bosshart	M	ME	95355	P	D	Y	Uganda	Grains	4/29/2010	5/21/2010	23	\$10,810	\$0	T	F	Kapchorwa Commercial Farmers' Association (KACOFA)
C-E-65	Joseph McFadden	M	NJ	07006	Rtd	D	Y	Tanzania	Grains	5/1/2010	5/23/2010	23	\$10,810	\$300	E	S	APEX Kilombero High Quality Rice Growers Ltd
C-E-66	Robert Bond	M	NC	28787	G	D	Y	Uganda	Oilseeds	5/8/2010	5/31/2010	24	\$11,280	\$290	O	F	Shuhira Multipurpose Cooperative Society (SIMUCO)
C-E-67	Chis Scalzo	M	NY	13950	E	D	Y	Kenya	Oilseeds	6/5/2010	6/24/2010	20	\$9,400	\$175	E	P	SoyAlic, Ltd.
C-E-68	Lynda Swenson	F	CA	92103	P	D	N	Tanzania	Grains	5/29/2010	6/19/2010	22	\$10,340	\$0	E	M	Gendi Rural Cooperative
C-E-69	Beth Oliver	F	NM	88021	P	D	N	Uganda	Grains	6/29/2010	6/20/2010	23	\$10,810	\$650	E	F	Farmers Center Ltd. (FACE)
C-E-70	Don Rungquist	M	MN	55447	P	D	Y	Uganda	Oilseeds	6/5/2010	6/26/2010	22	\$10,340	\$650	E	P	Mukwano
C-E-71	Nana Bakwe Sakyi	M	CA	95382	P	D	Y	Kenya	Horticulture	6/7/2010	6/24/2010	18	\$8,460	\$0	E	S	Kitui Development Center (KDC)
C-E-71a	Velma Gwishini	F	NC	28345	P	D	Y	Tanzania	Horticulture	5/22/2010	6/8/2010	16	\$7,520	\$0	T	F	UWANO Ngaranyuku Horticultural Cooperative Society
C-E-72	Henry McNelly	M	OA	N/A	Rtd	D	Y	Kenya	Grains	6/5/2010	6/29/2010	25	\$11,750	\$343	E	S	East African Grain Council
C-E-73	Stephan Clanton	M	PA	35801	P	D	N	Uganda	Flexible	6/12/2010	7/4/2010	23	\$10,810	\$465	T	S	Kimba Foods
C-E-74	Elizabeth Felix	F	ID	83669	P	D	N	Kenya	Horticulture	6/13/2010	8/8/2010	57	\$26,790	\$10	T	S	N/A
C-E-75	Robert Bosshart	M	ME	95355	P	D	Y	Tanzania	Horticulture	6/12/2010	7/10/2010	29	\$13,630	\$0	T	F	UWANO Ngaranyuku Horticultural Cooperative Society
C-E-76	Kay Rockwell	F	NE	68506	E	D	Y	Uganda	Grains	6/21/2010	7/14/2010	24	\$11,280	\$816	T	F	Farmers Center Ltd. (FACE)
C-E-77	David Adams	M	OR	97013	Rtd	D	Y	Kenya	Horticulture	6/27/2010	7/20/2010	24	\$11,280	\$0	T	S	First Choice Seed Enterprises
C-E-78	Edith Shannon	F	AZ	85266	N	W/N	Y	Kenya	Oilseeds	7/6/2010	7/27/2010	22	\$10,340	\$0	O	S	Jenga Kenya
C-E-79	Dean Wheeler	M	CA	95616	P	D	Y	Tanzania	Horticulture	7/3/2010	7/23/2010	21	\$9,870	\$0	E	F	HomeVeg
C-E-80a	Joseph McFadden	M	NJ	07006	Rtd	D	Y	Tanzania	Grains	7/3/2010	7/17/2010	33	\$15,510	\$0	F	F	Ukombozi SACCOS
C-E-80b	Joseph McFadden	***	***	07006	***	***	***	Tanzania	Horticulture	7/18/2010	7/31/2010	29	\$13,630	\$360	***	***	Midawe Horticultural Group
C-E-81	Gary Bullen	M	NC	27502	E	D	N	Tanzania	Flexible	7/17/2010	8/16/2010	31	\$14,570	\$0	E	M	Chambasho SACCOS
C-E-82	John Casazza	M	CA	94131	P	D	Y	Tanzania	Horticulture	7/25/2010	8/24/2010	31	\$14,570	\$0	E	F	Kinolo Pineapple Growers Association
C-E-83	Steven Tammeus	M	CO	80126	P	D	N	Tanzania	Grains	7/31/2010	9/1/2010	33	\$15,510	\$0	E	F	Gendi Rural Cooperative
C-E-84	John Grove	M	KY	40379	E	W/N	N	Uganda	Grains	8/3/2010	8/23/2010	21	\$9,870	\$295	T	F	Kapchorwa Commercial Farmers' Association (KACOFA)
C-E-85	Cive Holland	M	IA	50131	P	D	N	Uganda	Flexible	8/10/2010	9/2/2010	24	\$11,280	\$398	T	F	Uganda Crane Creameries Cooperative Union Limited (UCCCU)
C-E-86	Bryce Malsbary	M	NC	28791	Rtd	D	Y	Kenya	Grains	8/14/2010	8/22/2010	9	\$4,230	\$95	E	S	Kenya National Agrodealers Association (KENADA)
C-E-87	Charles Bruce Williams	M	NC	28409	P	D	Y	Bolivia	Flexible	8/21/2010	9/3/2010	14	\$6,580	\$1,805	T	M	Fundacion - Valles
C-E-88	Noel Stahle	M	IA	50266	E	D	Y	Rwanda	Flexible	8/30/2010	9/9/2010	11	\$5,170	\$2,435	O	S	Institute of Agriculture, Technology and Education of Kibungo (INATEK)
C-E-89	Nicholas Staffero	M	NY	13157	P	D	N	Kenya	Oilseeds	8/28/2010	9/12/2010	16	\$7,520	\$0	T	P	SoyAlic, Ltd.
C-E-90	Richard Cunningham	M	CA	94563	N	D	N	Uganda	Grains	9/1/2010	9/30/2010	30	\$14,100	\$500	E	M	Farmers Center Ltd. (FACE)
C-E-91	Gale Harding	F	ID	83440	E	D	Y	Kenya	Horticulture	9/4/2010	9/20/2010	17	\$7,990	\$150	T	F	Jenga Kenya
C-E-92	Henry McNelly	M	OA	N/A	Rtd	D	Y	Tanzania	Grains	9/4/2010	9/18/2010	15	\$7,050	\$0	E	S	APEX Kilombero High Quality Rice Growers Ltd
C-E-93	Martin Nagelkirk	M	MI	48401	E	D	Y	Kenya	Oilseeds	9/12/2010	9/28/2010	15	\$7,050	\$60	T	F	Kenya Soybean Farmers' Association (KESOFA)
FY10 Total												1,396	\$656,120	\$18,700			

Table 1a: Volunteer Assignment Data FY09																	
C-E-1	Floyd Dowell	M	KS	66503	E	D	N	Kenya	Grains	2/23/2009	3/6/2009	12	\$5,640	\$0	-	-	N/A
C-E-2	Robert Albrecht	M	WI	54411	Rtd	W/N	N	Tanzania	Grains	3/27/2009	4/19/2009	24	\$11,280	\$0	-	-	N/A
C-E-3	David Slusser	M	PA	16870	P	D	N	Uganda	Oilseeds	4/19/2009	5/6/2009	18	\$8,460	\$50	O	F	Kumi District Farmers Association (KUDFA)
C-E-4	Dean Wheeler	M	CA	95616	P	D	N	Tanzania	Horticulture	4/19/2009	5/10/2009	22	\$10,340	\$340	T	P	UNNAT Fruits Processing Ltd.
C-E-5	Joseph McFadden	M	NJ	07006	Rtd	D	N	Tanzania	Horticulture	5/8/2009	5/30/2009	23	\$10,810	\$360	O	F	Midawe Horticultural Group
C-E-6	Paul Armstrong	M	KS	66547	G	D	N	Kenya	Grains	5/9/2009	5/28/2009	20	\$9,400	\$1,440	T	S	Charmar Enterprises
C-E-7	Nancy Walker	F	PA	17074	N	D	N	Uganda	Oilseeds	5/9/2009	6/6/2009	29	\$13,630	\$150	E	P	Popular Knowledge Women Initiative, Inc. (PKWI)
C-E-8	Peter Callan	M	VA	22701	E	D	N	Uganda	Grains	5/9/2009	5/31/2009	23	\$10,810	\$750	O	F	Kamuli District Farmers' Association (KADFA)
C-E-9	Robert Bond	M	NC	28787	G	D	N	Kenya	Oilseeds	5/12/2009	5/31/2009	20	\$9,400	\$1,020	E	P	Mitungu Millers Ltd.
C-E-10	Albert Ayeni	M	NJ	08824	E	D	N	Kenya	Flexible	6/4/2009	6/8/2009	5	\$2,350	\$0	T	S	AGMARK Agrodealers
C-E-11	Jim Faber	M	ID	83642	P	D	N	Kenya	Grains	6/5/2009	6/20/2009	16	\$7,520	\$735	E	P	Menu Multipurpose Cooperative Society (MCMCS)
C-E-12	Phil Phillips	M	CA	93061	E	D	N	Tanzania	Horticulture	6/7/2009	6/30/2009	24	\$11,280	\$1,200	T	P	UNNAT Fruits Processing Ltd.
C-E-13	Steven Gregory	M	AZ	85381	E	D	N	Kenya	Oilseeds	6/8/2009	6/28/2009	21	\$9,870	\$0	T	P	Mitungu Millers
C-E-14	Bryce Malsbary	M	NC	28791	Rtd	D	N	Tanzania	Legumes	6/13/2009	6/28/2009	16	\$7,520	\$6	O	F	Gendi Rural Cooperative
C-E-15	Richard Edwards	M	GA	30720	E	D	N	Kenya	Grains	6/16/2009	7/2/2009	17	\$7,990	\$700	E	M	Dryland Seed Company
C-E-16	John Casazza	M	CA	94131	P	D	N	Tanzania	Horticulture	6/22/2009	7/17/2009	26	\$12,220	\$0	T	P	UNNAT Fruits Processing Ltd.
C-E-17	MeN Farmer	M	ID	8													

Table 1BFarmer-to-Farmer
1B: Volunteer Assignment Activity Data

Assignment (Trip) No.	Persons Directly Assisted			Persons Trained			Number of Volunteer Recommendations				
	Male	Female	Total	Male	Female	Total	Economic	Organizational	Financial	Environmental	Total
Table 1B: Volunteer Assignment Activity Date FY 13											
C-E-247	9	1	10	9	1	10	2	0	1	0	3
C-E-248	27	18	45	12	6	18	0	0	0	15	15
C-E-249	69	84	153	63	82	145	0	3	0	0	3
C-E-250	24	16	40	24	16	40	0	3	1	0	4
C-E-251	54	10	64	54	10	64	1	2	0	0	3
C-E-252	3	99	102	3	75	78	2	0	0	0	2
C-E-253	243	146	389	122	38	160	1	4	0	0	5
C-E-254	61	18	79	60	18	78	1	2	0	0	3
C-E-255	174	320	494	150	308	458	0	3	0	0	3
C-E-256	103	113	216	43	48	91	1	2	0	0	3
C-E-257	13	1	14	13	1	14	1	3	0	0	4
C-E-258	18	7	25	3	2	5	2	2	0	0	4
C-E-259	10	10	20	7	7	14	0	1	2	0	3
C-E-260	20	10	30	14	6	20	0	1	0	0	1
C-E-261	9	2	11	4	0	4	1	3	0	0	4
C-E-262	22	30	52	19	27	46	1	1	1	0	3
C-E-263	30	45	75	30	45	75	1	1	0	2	4
C-E-265	43	36	79	15	8	23	0	3	0	0	3
C-E-266	16	33	49	10	13	23	1	2	0	0	3
C-E-267	15	15	30	3	2	5	0	1	0	0	1
C-E-268	24	5	29	10	2	12	3	0	0	0	3
C-E-269	5	2	7	2	0	2	1	0	2	0	3
C-E-270	8	5	13	8	5	13	0	2	1	0	3
C-E-271	7	5	12	7	5	12	0	3	0	0	3
C-E-272	74	13	87	69	13	82	2	0	0	0	2
C-E-273	29	13	42	8	4	12	1	2	0	0	3
C-E-274	14	7	21	14	7	21	0	1	2	0	3
C-E-275	26	50	76	3	3	6	0	3	3	0	6
C-E-276	144	153	297	44	53	97	0	1	0	1	2
C-E-277	9	2	11	0	0	0	1	0	0	1	2
C-E-278	45	13	58	25	5	30	3	0	0	1	4
C-E-279	66	72	138	66	72	138	2	1	0	0	3
C-E-280	38	39	77	32	34	66	1	1	0	0	2
C-E-281	14	35	49	14	35	49	1	0	0	2	3
C-E-282	5	13	18	2	7	9	2	1	0	0	3
C-E-283	10	6	16	7	4	11	3	1	0	0	4
C-E-285	14	5	19	14	5	19	0	5	0	0	5
C-E-286	70	109	179	62	107	169	2	1	0	0	3
C-E-287	9	1	10	9	1	10	5	1	0	0	6
C-E-288	10	6	16	10	6	16	1	2	0	0	3
C-E-289	24	20	44	20	18	38	1	12	0	4	17
C-E-290	63	15	78	23	5	28	0	0	0	4	4
C-E-291	120	100	220	80	90	170	1	2	0	0	3
C-E-292	6	8	14	6	8	14	7	0	0	0	7
C-E-293	183	50	233	141	44	185	1	2	0	0	3
C-E-294	4	1	5	1	0	1	2	1	0	0	3
C-E-295	45	40	85	40	20	60	0	3	0	0	3
C-E-296	12	0	12	12	0	12	0	2	0	0	2
C-E-297	3	19	22	2	13	15	1	3	1	0	5
C-E-298	12	0	12	12	0	12	1	2	0	0	3
C-E-299	13	8	21	5	5	10	0	3	0	0	3
C-E-300	35	22	57	35	22	57	0	3	0	0	3
C-E-301	9	15	24	6	4	10	2	1	0	0	3
C-E-302	30	10	40	30	10	40	0	5	3	0	8
C-E-303	46	37	83	8	7	15	1	3	0	0	4
C-E-304	5	12	17	3	10	13	2	1	0	0	3
C-E-305	46	6	52	10	0	10	0	2	1	0	3
C-E-306	16	5	21	16	5	21	0	4	1	0	5
C-E-307	24	30	54	14	5	19	0	2	1	0	3
C-E-308	71	87	158	71	87	158	0	1	1	1	3
C-E-309	8	2	10	8	1	9	0	0	0	0	0
C-E-310	4	2	6	2	0	2	0	2	1	0	3
C-E-311	7	9	16	2	3	5	0	0	0	3	3
C-E-312	10	6	16	7	3	10	3	0	0	0	3
C-E-313	59	111	170	54	105	159	3	1	0	0	4
C-E-314	91	20	111	0	0	0	1	4	0	1	6
C-E-315	12	41	53	2	26	28	0	4	0	0	4
C-E-316	6	1	7	6	1	7	0	0	0	0	0
C-E-317	59	6	65	59	6	65	0	2	0	0	2
C-E-318	50	70	120	5	5	10	3	0	0	0	3
C-E-319	10	1	11	6	0	6	4	3	0	0	7
C-E-320	59	10	69	59	10	69	1	2	0	0	3
C-E-321	44	20	64	44	20	64	3	0	0	4	7
C-E-322	25	15	40	12	14	26	3	0	0	0	3
C-E-323	41	9	50	7	4	11	0	5	0	1	6
FY 13 TOTAL	2,836	2,376	5,212	1,872	1,632	3,504	83	137	22	40	282

C-E-170	5	1	6	5	1	6	0	1	1	0	2
C-E-171	66	20	86	65	20	85	0	3	0	0	3
C-E-172	92	26	118	27	8	35	2	1	0	0	3
C-E-173	68	20	88	62	20	82	8	1	4	0	13
C-E-174	30	40	70	30	40	70	0	9	1	0	10
C-E-175	81	28	109	81	28	109	3	0	0	3	6
C-E-176	32	9	41	15	2	17	3	2	0	0	5
C-E-177	3	1	4	3	1	4	1	1	1	0	3
C-E-178	15	4	19	15	4	19	0	0	0	0	0
C-E-179	37	10	47	34	8	42	2	0	1	0	3
C-E-180	24	76	100	4	26	30	5	0	0	0	5
C-E-181	46	51	97	26	1	27	1	5	1	0	7
C-E-182	29	16	45	4	4	8	2	2	0	0	4
C-E-183	11	0	11	1	0	1	1	1	4	0	6
C-E-184	26	28	54	26	28	54	4	0	0	0	4
C-E-185	3	3	6	3	3	6	1	2	1	0	4
C-E-186	12	7	19	10	7	17	0	3	0	0	3
C-E-187	55	52	107	20	17	37	0	0	3	0	3
C-E-188	18	4	22	2	0	2	0	2	2	0	4
C-E-189	10	4	14	10	4	14	0	2	1	0	3
C-E-190	113	43	156	113	43	156	3	0	0	0	3
C-E-191	56	124	180	54	120	174	2	1	0	1	4
C-E-192	16	44	60	1	14	15	2	0	2	0	4
C-E-193	17	9	26	17	9	26	0	2	1	0	3
C-E-194	26	6	32	26	6	32	0	4	0	0	4
C-E-195	34	54	88	34	54	88	0	3	0	0	3
C-E-196	10	2	12	6	2	8	3	0	0	0	3
C-E-197	60	17	77	20	5	25	2	2	1	0	5
C-E-198	43	16	59	43	16	59	0	1	2	0	3
C-E-199	20	7	27	17	6	23	1	1	2	1	5
C-E-200	11	4	15	2	1	3	0	4	0	0	4
C-E-201	12	5	17	12	5	17	0	5	0	0	5
C-E-202	28	10	38	22	9	31	0	0	4	0	4
C-E-203	9	1	10	5	1	6	0	3	0	1	4
C-E-204	58	23	81	0	0	0	0	5	0	0	5
C-E-205	60	49	109	55	45	100	5	1	0	0	6
C-E-206	13	33	46	9	26	35	2	1	1	0	4
C-E-207	13	6	19	13	6	19	3	11	4	0	18
C-E-208	20	16	36	20	16	36	0	0	0	4	4
C-E-209	10	3	13	6	0	6	1	1	1	0	3
C-E-210	49	22	71	46	22	68	0	2	2	0	4
C-E-211	20	64	84	2	2	4	0	4	0	0	4
C-E-212	200	212	412	0	0	0	1	1	0	1	3
C-E-213	47	19	66	0	0	0	6	4	0	0	10
C-E-214	19	18	37	4	3	7	3	0	0	0	3
C-E-215	47	19	66	47	19	66	6	4	0	0	10
C-E-216	28	12	40	14	6	20	7	1	0	0	8
C-E-217	42	23	65	42	23	65	0	1	0	2	3
C-E-218	12	12	24	7	7	14	1	0	1	0	2
C-E-219	22	5	27	22	5	27	0	4	0	0	4
C-E-220	44	54	98	2	0	2	0	3	0	0	3
C-E-221	11	9	20	11	9	20	4	8	0	0	12
C-E-222	8	7	15	2	4	6	0	3	0	0	3
C-E-223	19	9	28	12	4	16	0	1	4	0	5
C-E-224	6	0	6	6	0	6	0	4	0	0	4
C-E-225	80	40	120	30	10	40	1	2	0	0	3
C-E-226	3	3	6	2	2	4	4	0	0	0	4
C-E-227	0	0	0	0	0	0	0	0	0	0	0
C-E-228	12	7	19	10	7	17	0	3	0	0	3
C-E-229	8	1	9	3	1	4	0	5	0	0	5
C-E-230	39	19	58	39	19	58	2	2	0	0	4
C-E-231	536	110	646	21	10	31	0	1	2	0	3
C-E-232	18	3	21	0	0	0	0	6	0	0	6
C-E-233	21	0	21	14	0	14	0	3	0	0	3
C-E-234	6	6	12	3	4	7	0	3	0	0	3
C-E-235	11	5	16	11	5	16	1	2	0	0	3
C-E-236	24	17	41	23	17	40	2	1	0	0	3
C-E-237	39	28	67	39	28	67	9	1	0	0	10
C-E-238	77	36	113	75	35	110	3	0	0	0	3
C-E-239	40	3	43	25	2	27	0	0	0	3	3
C-E-240	5	4	9	4	3	7	0	0	4	0	4
C-E-241	72	55	127	69	55	124	0	3	0	0	3
C-E-242	277	172	449	277	172	449	0	3	0	0	3
C-E-243	45	18	63	31	12	43	2	3	0	0	5
C-E-244	163	4	167	13	0	13	1	3	0	0	4
FY12 Total	3,342	1,888	5,230	1,824	1,092	2,916	110	161	51	16	338

C-E-94	9	1	10	9	1	10	2	0	1	0	3
C-E-95	27	18	45	12	6	18	0	0	0	15	15
C-E-96	69	84	153	63	82	145	0	3	0	0	3
C-E-97	24	16	40	24	16	40	0	3	1	0	4
C-E-98	54	10	64	54	10	64	1	2	0	0	3
C-E-99	3	99	102	3	75	78	2	0	0	0	2
C-E-100	243	146	389	122	38	160	1	4	0	0	5
C-E-101	61	18	79	60	18	78	1	2	0	0	3
C-E-102	174	320	494	150	308	458	0	3	0	0	3
C-E-103	103	113	216	43	48	91	1	2	0	0	3
C-E-104	13	1	14	13	1	14	1	3	0	0	4
C-E-105	18	7	25	3	2	5	2	2	0	0	4
C-E-106	10	10	20	7	7	14	0	1	2	0	3
C-E-107	20	10	30	14	6	20	0	1	0	0	1
C-E-108	9	2	11	4	0	4	1	3	0	0	4
C-E-109	22	30	52	19	27	46	1	1	1	0	3
C-E-110	30	45	75	30	45	75	1	1	0	2	4
C-E-111	43	36	79	15	8	23	0	3	0	0	3
C-E-112	16	33	49	10	13	23	1	2	0	0	3
C-E-113	0	0	0	0	0	0	0	0	0	0	0
C-E-114	24	5	29	10	2	12	3	0	0	0	3
C-E-115	5	2	7	2	0	2	1	0	2	0	3
C-E-116	8	5	13	8	5	13	0	2	1	0	3
C-E-117	7	5	12	7	5	12	0	3	0	0	3
C-E-118	74	13	87	69	13	82	2	0	0	0	2
C-E-119	29	13	42	8	4	12	1	2	0	0	3
C-E-120	14	7	21	14	7	21	0	1	2	0	3
C-E-121	26	50	76	3	3	6	0	3	3	0	6
C-E-122	144	153	297	44	53	97	0	1	0	1	2
C-E-123	9	2	11	0	0	0	1	0	0	1	2
C-E-124	45	13	58	25	5	30	3	0	0	1	4
C-E-125	66	72	138	66	72	138	2	1	0	0	3
C-E-126	38	39	77	32	34	66	1	1	0	0	2
C-E-127	14	35	49	14	35	49	1	0	0	2	3
C-E-128	5	13	18	2	7	9	2	1	0	0	3
C-E-129	10	6	16	7	4	11	3	1	0	0	4
C-E-130	14	5	19	14	5	19	0	5	0	0	5
C-E-131	70	109	179	62	107	169	2	1	0	0	3
C-E-132	9	1	10	9	1	10	5	1	0	0	6
C-E-133	10	6	16	10	6	16	1	2	0	0	3
C-E-134	0	0	0	0	0	0	1	12	0	4	17
C-E-135	0	0	0	0	0	0	0	0	0	4	4
C-E-136	0	0	0	0	0	0	0	0	0	0	0
C-E-137	6	8	14	6	8	14	7	0	0	0	7
C-E-138	183	50	233	141	44	185	1	2	0	0	3
C-E-139	4	1	5	1	0	1	2	1	0	0	3
C-E-140	45	40	85	40	20	60	0	3	0	0	3
C-E-141	12	0	12	12	0	12	0	2	0	0	2
C-E-142	3	19	22	2	13	15	1	3	1	0	5
C-E-143	12	0	12	12	0	12	1	2	0	0	3
C-E-144	13	8	21	5	5	10	0	3	0	0	3
C-E-145	35	22	57	35	22	57	0	3	0	0	3
C-E-146	9	15	24	6	4	10	2	1	0	0	3
C-E-147	30	10	40	30	10	40	0	5	3	0	8
C-E-148	46	37	83	8	7	15	1	3	0	0	4
C-E-149	5	12	17	3	10	13	2	1	0	0	3
C-E-150	46	6	52	10	0	10	0	2	1	0	3
C-E-151	16	5	21	16	5	21	0	4	1	0	5
C-E-152	24	30	54	14	5	19	0	2	1	0	3
C-E-153	71	87	158	71	87	158	0	1	1	1	3
C-E-154	8	2	10	8	1	9	0	0	0	0	0
C-E-155	4	2	6	2	0	2	0	2	1	0	3
C-E-156	7	9	16	2	3	5	0	0	0	3	3
C-E-157	10	6	16	7	3	10	3	0	0	0	3
C-E-158	59	111	170	54	105	159	3	1	0	0	4
C-E-159	91	20	111	0	0	0	1	4	0	1	6
C-E-160	12	41	53	2	26	28	0	4	0	0	4
C-E-161	6	1	7	6	1	7	0	0	0	0	0
C-E-162	59	6	65	59	6	65	0	2	0	0	2
C-E-163	50	70	120	5	5	10	3	0	0	0	3
C-E-164	10	1	11	6	0	6	4	3	0	0	7
C-E-165	59	10	69	59	10	69	1	2	0	0	3
C-E-166	44	20	64	44	20	64	3	0	0	4	7
C-E-167	25	15	40	12	14	26	3	0	0	0	3
C-E-168	123	192	315	123	192	315	0	3	0	0	6
C-E-169	41	9	50	7	4	11	0	5	0	1	3
FY11 Total	2,737	2,418	5,155	1,869	1,709	3,578	82	137	22	40	281

C-E-31	5	4	9	5	4	9	0	4	1	0	5
C-E-32	1	1	2	1	1	2	0	7	0	0	7
C-E-33	19	9	28	19	9	28	0	1	1	0	2
C-E-34	6	25	31	1	20	21	2	1	0	1	4
C-E-35	104	44	148	4	6	10	1	2	1	0	4
C-E-36	13	1	14	0	0	0	0	6	0	0	6
C-E-37	81	56	137	46	31	77	0	3	0	0	3
C-E-38	14	9	23	5	4	9	2	2	1	0	5
C-E-39	0	0	0	0	0	0	0	0	0	0	0
C-E-40	4	0	4	2	0	2	1	1	1	0	3
C-E-41	22	28	50	22	28	50	0	3	0	0	3
C-E-42	0	0	0	0	0	0	0	0	0	0	0
C-E-43	39	23	62	36	22	58	1	1	0	0	2
C-E-44	84	65	149	0	0	0	2	1	0	1	4
C-E-45	14	20	34	14	4	18	1	1	0	1	3
C-E-46	22	5	27	5	1	6	3	10	1	1	15
C-E-47	33	12	45	27	8	35	6	1	0	0	7
C-E-48	24	10	34	4	0	4	2	3	1	0	6
C-E-49	15	6	21	15	6	21	0	3	2	0	5
C-E-50	12	5	17	12	5	17	0	0	0	0	0
C-E-51	67	28	95	62	27	89	0	3	0	0	3
C-E-52	11	4	15	11	4	15	0	0	5	0	5
C-E-53	12	31	43	2	20	22	1	2	0	0	3
C-E-54	56	64	120	50	56	106	1	1	0	1	3
C-E-55	12	3	15	12	3	15	2	3	1	0	6
C-E-56	2	0	2	2	0	2	0	13	0	1	14
C-E-57	136	80	216	35	8	43	3	0	1	0	4
C-E-58	10	20	30	10	20	30	1	2	0	0	3
C-E-59	19	36	55	8	1	9	0	2	3	0	5
C-E-60	2	6	8	0	6	6	1	0	0	1	2
C-E-61	40	84	124	32	82	114	0	6	0	0	6
C-E-62	35	35	70	30	30	60	0	0	0	0	0
C-E-63	2	1	3	1	1	2	4	0	0	0	4
C-E-64	37	16	53	33	15	48	0	0	0	0	0
C-E-65	3	5	8	3	5	8	0	3	0	0	3
C-E-66	192	84	276	67	29	96	0	0	0	0	0
C-E-67	9	5	14	6	3	9	0	2	0	0	2
C-E-68	38	4	42	38	4	42	0	5	1	0	6
C-E-69	271	71	342	271	71	342	0	3	0	0	3
C-E-70	122	32	154	122	32	154	0	2	1	0	3
C-E-71	36	14	50	7	7	14	4	7	2	0	13
C-E-71z	9	5	14	9	5	14	0	0	0	0	0
C-E-72	16	5	21	8	3	11	1	1	1	0	3
C-E-73	20	18	38	13	5	18	0	1	0	3	4
C-E-74	2	4	6	0	2	2	3	0	0	0	3
C-E-75	44	4	48	44	4	48	0	0	0	0	0
C-E-76	10	7	17	9	7	16	0	5	0	0	5
C-E-77	20	10	30	0	0	0	0	2	0	0	2
C-E-78	54	44	98	54	44	98	1	3	0	0	4
C-E-79	5	10	15	4	9	13	3	0	0	0	3
C-E-80a	12	3	15	12	3	15	0	0	7	0	7
C-E-80b	12	5	17	12	5	17	0	1	0	0	1
C-E-81	6	5	11	6	5	11	2	1	0	0	3
C-E-82	10	5	15	10	5	15	0	3	0	1	4
C-E-83	20	3	23	20	3	23	3	4	0	0	7
C-E-84	26	15	41	21	14	35	0	3	0	2	5
C-E-85	96	30	126	73	27	100	3	0	0	0	3
C-E-86	9	1	10	9	1	10	1	4	1	0	6
C-E-87	37	14	51	27	14	41	0	0	0	0	0
C-E-88	0	0	0	0	0	0	0	0	0	0	0
C-E-89	31	0	31	20	0	20	0	12	0	0	12
C-E-90	11	8	19	11	8	19	6	0	1	0	7
C-E-91	33	53	86	18	32	50	0	0	0	5	5
C-E-92	6	2	8	6	2	8	1	2	0	0	3
C-E-93	75	34	109	68	34	102	0	2	0	3	5
FY10 Total	2,188	1,231	3,419	1,474	805	2,279	62	148	33	21	264

C-E-1	0	0	0	0	0	0	3	0	0	0	3
C-E-2	0	0	0	0	0	0	0	1	2	1	4
C-E-3	22	13	35	15	3	18	0	2	1	0	3
C-E-4	16	0	16	6	0	6	0	2	1	2	5
C-E-5	14	15	29	14	15	29	0	2	1	0	3
C-E-6	50	50	100	30	30	60	0	3	0	0	3
C-E-7	29	16	45	29	16	45	0	0	0	0	0
C-E-8	129	5	134	4	0	4	3	1	1	0	5
C-E-9	74	49	123	25	10	35	0	3	0	0	3
C-E-10	0	0	0	0	0	0	0	0	0	0	0
C-E-11	21	3	24	17	2	19	1	4	0	0	5
C-E-12	56	28	84	39	22	61	0	2	1	2	5
C-E-13	28	4	32	28	4	32	0	12	1	0	13
C-E-14	31	8	39	0	0	0	9	1	1	6	17
C-E-15	6	3	9	3	3	6	1	2	5	0	8
C-E-16	33	14	47	33	14	47	1	4	0	1	6
C-E-17	3	0	3	1	0	1	0	0	0	0	0
C-E-18	24	8	32	24	8	32	0	5	1	0	6
C-E-19	68	37	105	48	28	76	7	0	0	1	8
C-E-20	21	6	27	0	0	0	1	3	0	0	4
C-E-21	23	18	41	15	15	30	0	12	0	0	12
C-E-22	27	1	28	17	1	18	1	0	0	0	1
C-E-23a	34	12	46	34	11	45	0	9	0	0	9
C-E-23b	55	70	125	55	70	125	0	6	0	0	6
C-E-24	162	108	270	159	107	266	2	2	0	1	5
C-E-25	63	36	99	53	36	89	6	0	0	1	7
C-E-26	70	28	98	45	18	63	0	0	0	0	0
C-E-27	13	6	19	7	3	10	0	0	0	0	0
C-E-28	37	51	88	6	7	13	0	5	0	0	5
C-E-29	148	137	285	48	15	63	1	2	0	0	3
C-E-30	24	5	29	24	5	29	0	0	0	0	0
C-E-30z	17	20	37	7	5	12	0	2	0	1	3
FY09 Total	1,298	751	2,049	786	448	1,234	36	85	15	16	152
LOP Total	12,401	8,664	21,065	7,825	5,686	13,511	373	668	143	133	1,317

Table 2

CNFA East Africa
Farmer-to-Farmer Program Reporting Table Proposal
Table 2: Host Baseline Data

Host	Country	Country F2F Project	Institution Type	Date of Baseline Assessment	Potential Beneficiaries					Baseline Data (as appropriate)							
					Members/Owners	Employees	Clients & Suppliers	Family members	Total	Net annual income (US\$)	Membership	Annual gross sales (US\$)	OCAT Rating	Total value of rural/agricultural loans (US\$)	Number of rural and /or agricultural loans	Area of control/ influence on environmental/ Natural resource	People with environmental /safety threat
Chimika AMCOS	Tanzania	Grains	R	12/19/2012	149	2	115	1,064	1,330	\$82,095	149	\$35,652	-	-	-	-	-
Kalagala Farmers' Association	Uganda	Grains	C	8/22/2012	1,840	3	465	11,540	13,848	\$52,726	920	\$36,506	-	-	-	736	-
South Western Producers Cooperative Union (SWEPCU)	Uganda	Grains	C	4/5/2012	6,802	11	2	40,890	47,705	\$373,761	3,401	\$62,664	4	\$0	0	3,673	32
Vijana Mbasa High Quality Rice Millers Company	Tanzania	Grains	P	8/22/2012	45	2	45	368	460	\$903	45	-	-	-	-	10	-
Namungalwe Area Cooperative Enterprise (NACE)	Uganda	Grains	C	4/12/2012	270	16	0	2,860	3,146	\$8,416	270	\$3,458	3	\$0	-	0	0
FY13 Total:					9,106	34	627	56,722	66,489	\$17,901	4,785	\$138,280	7	0	0	4,419	32
Table 2: Host Baseline Data FY12																	
Mwea Irrigation Agricultural Development Centre (MIAD)	Kenya	Grains	G	9/22/2009	-	110	5	460	575	\$554,812	-	\$294,117	4	-	-	200	90
Sungold Foods LLC	Kenya	Grains	P	1/17/2012	5	100	16	484	605	\$55,449	5	\$138,621	3	-	-	377	500
Hanang District Council	Tanzania	Grains	G	11/2/2011	2,335	2,054	255,949	1,041,352	1,301,690	\$315,459	2,335	-	4	-	-	124,302	-
Ifakara AMCOS	Tanzania	Grains	C	3/30/2012	77	2	-	316	395	\$958	77	-	3	-	-	-	-
Mbonzo AMCOS	Tanzania	Legumes	C	9/14/2011	100	-	-	480	580	\$12,384	100	-	4	-	-	-	-
Ministry of Livestock and Fisheries	Tanzania	Flexible	G	8/9/2011	-	10	-	40	50	-	-	-	4	-	-	-	-
Mlali Irrigation Scheme	Tanzania	Horticulture	C	11/19/2011	256	-	-	1,280	1,536	\$3,370	256	-	4	-	-	158	-
Tanzania Meat Board	Tanzania	Flexible	G	8/9/2011	11	1	-	60	72	\$0	11	-	2	-	-	-	-
UWAWAKUDA	Tanzania	Grains	C	12/15/2011	846	11	-	4,285	5,142	\$153,546	846	-	4	-	-	2,400	-
Kapolo AMCOS	Tanzania	Grains	C	7/13/2012	150	-	-	600	750	\$672	150	-	3	\$487	-	-	-
Udzungwa SACCOS	Tanzania	Grains	R	7/14/2012	3,860	8	1,930	23,192	28,990	\$144,427	3,860	-	3	\$1,925,785	658	3,860	-
ABC Children's Aid	Uganda	Oilseeds	N	3/8/2012	407	310	362	6,474	7,553	\$39,061	407	\$15,728	4	-	-	485	400
BOMIDO	Uganda	Grains	C	7/22/2011	250	54	4	1,848	2,156	\$103,922	250	\$79,216	4	-	-	14	-
Liberty Development Foundation (LIDEFO)	Uganda	Flexible	N	7/23/2011	705	28	1	4,404	5,138	\$56,250	705	\$20,833	4	-	-	-	690
Masindi Seed and Grain Grower's Limited (MSGGL)	Uganda	Grains	P	7/24/2011	236	41	237	3,084	3,598	\$266,669	236	\$736,513	4	-	-	375	-
NilePro Trust Ltd	Uganda	Oilseeds	N	7/25/2011	4,146	16	4	24,996	29,162	\$576,822	4,146	\$550,000	5	\$0	-	-	-
PUFCO	Uganda	Grains	C	7/26/2011	327	-	-	1,962	2,289	\$200,000	327	\$89,587	4	-	-	200	75
Western Buganda Coffee Farmers' Cooperative Union (WEBCOFCU)	Uganda	Flexible	C	7/27/2011	6,355	13	1	38,214	44,583	\$2,729,167	6,355	\$0	4	-	-	19,065	-
FY12 Baseline Total					20,066	2,758	258,509	1,153,531	1,434,864	\$5,212,968	20,066	\$1,924,615	66	\$1,926,272	658	151,436	1,755

Table 2: Host Baseline Data FY11																		
Agricultural Development Corporation (ADC)	Kenya	Horticulture	G	2/15/2010	-	16	-	64	80	-	-	-	-	4.0	-	-	300	2
Catholic Diocese of Kitui	Kenya	Flexible	N	2/2/2010	200,000	43	2	800,180	1,000,225	\$2,604,506	200,000	\$2,604,506	3.4	-	-	147,000	39,200	
Mtito Andei Community Development Organization (MACODO)	Kenya	Oilseeds	C	11/18/2010	11,664	19	4	46,748	58,435	-	11,664	-	2.5	-	-	7,200	-	
Mwea Rice Growers Cooperative Society Ltd. (MRGM)	Kenya	Grains	C	2/1/2011	1,560	140	4	6,816	8,520	\$3,366,016	1,560	\$2,801,604	3.2	-	-	40,000	1,274	
Prosoya Kenya Ltd.	Kenya	Oilseeds	P	2/12/2011	5	23	16	176	220	\$189,634	-	\$993,570	1.9	-	-	-	23	
Reformed Institute of Theological Training (RITT)	Kenya	Horticulture	E	1/10/2011	12	27	6	180	225	\$22,162	12	-	3.2	-	-	26	8	
Mahandé Rice Growers Association	Tanzania	Grains	C	10/20/2010	150	-	150	1,170	1,470	\$482,853	150	\$482,853	2.1	-	-	200	275	
Njombe Agrodealers Co. Ltd.	Tanzania	Legumes	C	9/14/2011	70	-	70	700	840	\$7,407	70	-	4.2	-	-	-	-	
Tamagrasai SACCOS	Tanzania	Legumes	C	8/30/2011	107	3	5,400	21,489	26,999	-	107	-	2.6	-	-	-	-	
Tanzania Land Conservation Trust (TLCT)	Tanzania	Flexible	C	1/10/2011	-	-	-	-	-	-	-	-	4.6	-	-	17,800	-	
UMAMBE Oil Seed Expellers Cooperative Society	Tanzania	Oilseeds	C	1/7/2011	34	-	-	133	167	-	34	-	2.1	-	-	-	-	
UMOJA NI NGUVU	Tanzania	Horticulture	C	8/5/2010	27	-	27	211	265	\$373	27	\$373	1.7	-	-	17	27	
Usomama SACCOS	Tanzania	Grains	C	12/6/2010	335	4	670	5,045	6,054	\$50,208	335	\$50,208	2.5	\$41,495	4	-	-	
Vimi SACCOS	Tanzania	Horticulture	C	8/30/2011	460	6	-	1,864	2,330	\$281,847	460	\$281,847	3.7	-	-	12,000	20,645	
Alito Joint Christian Farmers' Group	Uganda	Oilseeds	C	8/17/2010	1,981	2	-	7,932	9,915	\$305,792	1,981	\$160,130	3.5	-	-	-	-	
Apac Sub County Agricultural Development Association (ASCADA)	Uganda	Oilseeds	C	12/1/2010	570	-	2	4,004	4,576	\$25,355	570	\$19,504	2.9	-	-	5	-	
Bukanga Area Cooperative Enterprise	Uganda	Grains	C	10/26/2010	1,477	6	3	10,402	11,888	\$29,952	1,477	\$13,479	3.6	-	-	50	-	
Community Enterprises Development Organization (CEDO)	Uganda	Grains	C	4/15/2011	1,455	41	13	9,054	10,563	\$199,638	1,455	\$12,159	4.4	-	-	2,823	-	
Kasese District Maize Value Chain Platform (KADIMA VCP)	Uganda	Grains	C	12/17/2010	450	-	3	3,171	3,624	\$97,391	450	\$97,391	2.2	-	-	364	-	
Nakalama ACE	Uganda	Grains	C	1/24/2011	788	8	1	7,173	7,970	\$61,846	788	\$57,265	3.4	-	-	3	-	
Omio Women's Group Farmers (ACWEC)	Uganda	Oilseeds	C	1/31/2011	777	-	1	5,446	6,224	\$53,913	777	\$53,913	3.2	-	-	8	-	
TONNET Agro-Engineering Company LTD	Uganda	Oilseeds	P	2/4/2010	4	9	4	85	102	\$20,000	-	\$120,000	4.1	-	-	0	17	
FY11 Baseline Total					221,926	347	6,376	932,043	1,160,692	7,798,893	221,917	7,748,802	69	41,495	4	227,796	61,471	
Table 2: Host Baseline Data FY10																		
Fundacion-Valles	Bolivia	Flexible	N	12/1/2009	45	27	165	1,185	1,422	-	-	-	-	-	-	-	-	
AGMARK Agrodealers	Kenya	Flexible	N	5/1/2009	-	-	-	-	-	-	-	-	-	-	-	-	-	
East African Grain Council	Kenya	Grains	N	1/8/2010	66	25	-	364	455	-	66	-	4.2	-	-	4,050	1,350	
Femoworks	Kenya	Grains	P	6/22/2009	6	25	21	208	260	\$591	-	\$76,701	2.1	-	-	-	-	
First Choice Seed Enterprises	Kenya	Horticulture	P	3/24/2010	1	22	53	304	380	\$15,093	-	\$15,093	2.5	-	-	200	7	
Kenya National Agrodealers Association (KENADA)	Kenya	Grains	C	10/30/2009	200	1	-	804	1,005	\$2,663	200	-	1.7	-	-	500	500	
Kenya Soybean Farmers' Association (KESOFA)	Kenya	Oilseeds	N	12/18/2009	12,000	123	4	48,508	60,635	\$164,143	12,000	\$5,578	2.0	-	-	797	7,600	
Kilimanjaro Light Industries Ltd	Kenya	Oilseeds	P	9/24/2009	2	9	200	844	1,055	\$20	-	\$15,458	1.9	-	-	-	6	
Kitui Development Center (KDC)	Kenya	Horticulture	N	11/24/2009	2,000	6	3	8,036	10,045	\$8,000	2,000	\$7,680	3.4	-	-	610	540	
Olive Farms Limited	Kenya	Flexible	P	8/4/2009	3	65	12	320	400	\$1,638,270	-	\$2,896,461	2.7	-	-	-	40	
SoyAfric	Kenya	Oilseeds	P	3/27/2009	4	82	20	424	530	\$66,925	-	\$2,086,825	3.0	-	-	-	76	
Institute of Agriculture, Technology and Education of Kibungo (INATEK)	Rwanda	Flexible	E	8/2/2010	3,347	132	3,323	34,010	40,812	\$999,292	3,323	-	-	-	-	6,906	0	
APEX Kilombero High Quality Rice Growers Ltd	Tanzania	Grains	C	6/12/2009	2,400	8	4,320	33,640	40,368	\$34,509	2,400	\$34,509	3.7	\$119,456	2	-	2	
Chambasho SACCOS	Tanzania	Flexible	C	11/6/2009	411	5	411	3,225	4,052	\$5,758	411	\$248	3.3	-	-	164	411	
HomeVeg	Tanzania	Horticulture	P	1/27/2010	3	90	-	465	558	(\$4,861)	-	\$7,215	3.8	-	-	-	-	
Kinole Pineapple Growers Association	Tanzania	Horticulture	C	5/22/2009	45	-	45	450	540	\$13,212	45	\$13,212	-	-	-	175	45	
Light Women and Men Meals Enterprises	Tanzania	Grains	P	1/4/2010	1	3	100	406	510	\$5,315	-	\$81,202	3.4	-	-	-	-	
Ukombozi SACCOS	Tanzania	Grains	C	5/7/2010	400	3	800	4,691	5,895	-	400	-	3.7	\$279,172	398	160	400	
UVIWA Horticultural Cooperative Society	Tanzania	Horticulture	C	9/6/2009	84	-	84	655	823	-	84	-	2.1	-	-	17	84	
UWANO Ngarenanyuki Horticultural Cooperative Society	Tanzania	Horticulture	C	9/5/2009	79	15	79	675	848	\$5,123	79	\$5,123	2.9	-	-	47	79	
Bakusekamajja Women Farmers Development Association	Uganda	Grains	C	10/28/2010	453	50	3	2,530	3,036	\$17,486	453	\$12,706	3.3	-	-	544	800	
Bukawa Area Marketing Enterprise Cooperative (BUKAWA)	Uganda	Grains	C	6/25/2009	209	13	1	1,338	1,561	\$309,993	209	\$137,775	3.4	-	-	251	188	
Farmers Center Ltd. (FACE)	Uganda	Grains	P	8/12/2009	7	25	82	570	684	(\$133,173)	-	\$78,602	4.9	-	-	-	6	
Kiima Foods	Uganda	Flexible	N	11/19/2009	870	7	2	4,395	5,274	-	870	-	4.1	-	-	106	8	
Magazi Bugagga Progressive Enterprise Association (MABUPEA-Manu)	Uganda	Grains	P	11/26/2009	12	4	3	114	133	\$1,798	-	\$16,739	3.1	-	-	2	6	
Mukwano	Uganda	Oilseeds	P	2/8/2010	2	95	50,000	250,485	300,582	-	-	-	5.0	-	-	1,700	-	
Sironko Amaranth Growers Association (SIAGA)	Uganda	Grains	N	11/26/2009	113	4	1	708	826	\$16,743	113	\$6,811	3.8	-	-	109	125	
Uganda Crane Creameries Cooperative Union Limited (UCCCU)	Uganda	Flexible	C	2/14/2010	15,000	750	10	78,800	94,560	-	15,000	-	3.6	-	-	300,000	-	
FY10 Baseline Total					37,763	1,589	59,742	478,154	577,249	3,166,900	37,653	5,497,938	78	398,628	400	316,338	12,273	

Table 2: Host Baseline Data FY09																	
Chamar Enterprises	Kenya	Grains	F	3/19/2009	2	32	5	156	195	\$732,899	-	\$3,966,754	3.0	-	-	-	17
Dryland Seed Company	Kenya	Grains	P	3/16/2009	2	40	55	388	485	\$72,079	-	\$61,064	2.0	-	-	10,000	60
Jenga Kenya	Kenya	Oilseeds	F	5/18/2009	0	4	425	1,716	2,145	-	-	-	3.3	\$49,172	338	-	-
Meru Multipurpose Cooperative Society (MMCS)	Kenya	Grains	C	4/9/2009	30,000	105	50	120,620	150,775	\$5,924,950	30,000	\$5,359,286	2.6	-	-	36,000	105
Mitunguu Millers	Kenya	Oilseeds	P	3/18/2009	1	12	156	676	845	(\$824)	-	\$14,364	2.1	-	-	100	-
Gendi Rural Cooperative	Tanzania	Legumes	C	2/6/2009	57	3	57	456	573	\$5,697	57	\$5,697	2.2	-	-	57	57
Midawe Horticultural Group	Tanzania	Horticulture	C	2/28/2009	68	9	108	722	907	\$19,857	68	\$17,888	2.5	-	-	102	68
UNNAT Fruits Processing Ltd.	Tanzania	Horticulture	P	3/4/2009	-	700	8,300	45,000	54,000	\$1,659	-	\$664	3.7	-	-	-	-
Iganga District Farmers' Association (IDFA)	Uganda	Grains	C	5/14/2009	3,000	14	6	21,140	24,160	\$571,270	3,000	\$317,372	4.0	-	-	8	3,000
Kamuli District Farmers' Association (KADFA)	Uganda	Grains	C	3/18/2009	7,200	7	2	36,045	43,254	\$74,275	7,200	\$33,897	4.3	-	-	656	5,760
Kapchorwa Commercial Farmers' Association (KACOFA)	Uganda	Grains	C	3/16/2009	3,015	19	5	18,234	21,273	\$35,898,611	3,015	\$15,954,938	3.5	-	-	97	603
Kumi District Farmers Association (KUDFA)	Uganda	Oilseeds	C	3/4/2009	2,193	5	1	10,995	13,194	\$101,769	2,193	\$43,615	4.8	-	-	216	270
Popular Knowledge Women Initiative, Inc. (PKWI)	Uganda	Oilseeds	N	2/12/2009	1,000	21	1	5,110	6,132	\$20,816	1,000	\$17,158	4.0	-	-	16	900
Sihubira Multipurpose Cooperative Society (SIMUCO)	Uganda	Oilseeds	C	5/13/2009	101	19	1	605	726	\$1,230	101	\$820	4.0	-	-	20	30
FY09 Baseline Total					46,639	990	9,172	261,863	318,664	43,424,288	46,634	25,793,517	46	49,172	338	47,272	10,870
LOP Total					335,500	5,718	334,426	2,882,313	3,557,958	60,120,950	331,055	41,103,152	266	2,415,567	1,400	747,261	86,401

Table 3

CNFA East Africa
Farmer-to-Farmer
Table 3: Host Impact Data

Host	Country	Country F2F Project	Date of Impact Assessment	Beneficiaries					Estimated Value of Resources Mobilized by Host (U.S. \$)	Number of Volunteer Recommendations Adopted	Economic Impacts			Organizational Impacts				Financial Services Impact		Environmental Impacts	
				Members/Owners	Employees	Clients	Family members	Total			Increase in Net Annual Income (U.S.\$)	Increase in Annual Gross Sales (U.S.\$)	Increase in Area Under Improved Production Technology (ha)	Increase in Membership	Increase in OCAT Rating	Number of New Products/Services	Increase in annual revenues (U.S.\$)	Increase in Rural/Agricultural Loans (U.S. \$)	Increase in Number of Rural/Agricultural Loans	Increase in Area Under Improved Environmental/NRM(ha)	Number of People with Improved Environmental Safety Conditions
Agricultural Development Corporation (ADC)	Kenya	Horticulture	8/22/2013	-	235	132	1,468	1,835	-	13	\$40,793	-	240	-	-	8	\$40,793	-	-	300	41
Catholic Diocese of Kitui	Kenya	Flexible	8/1/2013	460,000	64	1,910	1,847,896	2,309,870	\$5817	3	\$4,812,574	\$4,812,574	457	30,000	-	2	\$4,812,574	\$319,953	1,900	44,100	1,128
Charmar Enterprises	Kenya	Grains	8/26/2013	2	41	11,258	45,204	56,505	\$23442	1	\$322,910	\$862,756	-	-	-	1	-\$6,762,642	-	-	-	19
Chepkoiyet University College (CUC)	Kenya	Horticulture	8/22/2013	-	346	543	3,556	4,445	\$46888	4	-	-	50	-	-	-	-	-	-	450	575
Dryland Seed Company	Kenya	Grains	8/9/2013	2	57	480	2,156	2,695	\$1443493	30	-\$5,321	\$415,782	10,800	-	-	18	\$12,644	\$0	-	7,500	1,163
East African Grain Council	Kenya	Grains	8/19/2013	120	38	0	632	790	\$82000	8	\$12,275	-	-	54	-	-	\$12,275	\$314,944	127	215	247
Femworks	Kenya	Grains	8/20/2013	6	42	25	292	365	\$18976	16	\$19,102	\$87,408	-	-	-	11	-	-	-	-	27
First Choice Seed Enterprises	Kenya	Horticulture	7/19/2013	2	18	1,165	4,740	5,925	\$123045	15	\$112,977	\$145,763	10	-	-	8	\$115,834	\$0	-	450	263
Jenga Kenya	Kenya	Oilseeds	8/2/2013	9	12	1,402	5,692	7,115	\$7388	30	\$2,738	-	1,028	-	-	10	\$2,738	\$167,020	490	1,788	1,494
Kenya National Agrodealers Association	Kenya	Grains	8/22/2013	1,000	-	-	4,000	5,000	-	4	\$3,198	-	108	300	-	-	\$3,198	-	-	54	270
Kenya Soybean Farmers' Association	Kenya	Oilseeds	8/21/2013	13,567	144	9,518	92,916	116,145	\$83772	6	\$376,453	\$309,937	598	1,567	-	3	\$66,515	-	-	750	900
Kilimanjaro Light Industries Ltd	Kenya	Oilseeds	8/15/2013	2	6	225	932	1,165	-	5	\$14,269	\$31,782	-	-	-	1	\$112	-	-	-	6
Kitui Development Center (KDC)	Kenya	Horticulture	9/4/2013	-	20	4,650	18,680	23,350	\$724899	9	\$712,411	\$494,568	1,027	-2,000	-	8	\$217,843	-	-	1,102	514
Meru Multipurpose Cooperative Society	Kenya	Grains	7/18/2013	66,000	105	50	264,620	330,775	\$115048	26	-\$2,656	-\$332,165	-	3,000	-	8	\$329,509	\$0	-	24,245	7,712
Mitungu Millers	Kenya	Oilseeds	8/16/2013	1	8	165	696	870	\$2382	17	\$11,577	\$17,541	100	-	-	5	\$275	-	-	100	14
Mtito Andei Community Development	Kenya	Oilseeds	8/1/2013	15,014	15	1,605	66,536	83,170	\$44278	14	\$52,106	\$31,995	7,745	3,350	-	2	\$20,111	\$73,134	449	27,636	334
Mwea Irrigation Agricultural Development	Kenya	Grains	8/17/2013	-	219	7	904	1,130	\$11494	2	\$216,476	\$166,826	10	-	-	3	\$49,650	\$0	0	120	90
Mwea Rice Growers Cooperative Society	Kenya	Grains	7/17/2013	4,728	150	1,542	25,680	32,100	\$176948	23	\$2,552,614	\$1,234,596	79	804	-	-	\$1,318,018	\$1,034,526	1,537	3,524	580
Olive Farms Limited	Kenya	Flexible	8/20/2013	3	103	15	484	605	-	3	\$81,272	\$189,049	-	-	-	9	\$189,049	\$0	-	-	52
Prosoya Kenya Ltd.	Kenya	Oilseeds	8/1/2013	5	86	189	1,120	1,400	\$148556	11	\$991,590	\$6,212,020	-	-	-	3	-	-	-	77	-
Reformed Institute of Theological Training	Kenya	Horticulture	8/23/2013	2,446	35	100	10,324	12,905	\$3751	3	\$222,106	\$113,118	118	1,211	-	4	\$361,737	\$0	-	126	14
SoyAfric	Kenya	Oilseeds	8/20/2013	4	122	28	616	770	-	21	\$453,447	\$7,796,375	-	-	-	10	-	-	-	206	-
Sungold Foods LLC	Kenya	Grains	8/26/2013	5	105	18	512	640	\$20000	5	-\$2,770	\$37,801	-	-	-	1	-	-	-	132	15
APEX Kilombero High Quality Rice Growers	Tanzania	Grains	8/14/2013	12,600	2	25,200	151,208	189,010	\$3700	10	\$3,326	\$3,327	-	10,200	-	4	-	-\$119,456	-2	-	-
Chambasho SACCOS	Tanzania	Flexible	8/7/2013	278	4	556	3,352	4,190	\$7057	6	\$651	-\$248	-	-133	-	2	\$900	\$60,693	65	-	-
Chimika AMCOS	Tanzania	Grains	8/16/2013	153	2	149	1,216	1,520	-	5	\$409,680	\$407,867	-	4	-	-	\$1,813	-	-	-	-
Gendi Rural Cooperative	Tanzania	Legumes	8/6/2013	95	5	300	1,600	2,000	\$173250	26	\$4,450	-\$5,697	-	38	-	4	\$10,147	-	-	-	-
Hanang District Council	Tanzania	Grains	8/19/2013	2,735	2,254	398,490	1,613,916	2,017,395	-	15	\$5,680,581	-	-	400	-	4	\$5,680,581	-	-	-	-
HomeVeg	Tanzania	Horticulture	8/6/2013	-	63	4,000	16,252	20,315	\$295000	14	\$4,861	-\$7,215	-	-	-	2	-	-	-	-	-
Ifakara AMCOS	Tanzania	Grains	8/13/2013	91	-	91	728	910	-	7	\$2,247	-	-	14	-	-	\$2,247	\$1,341	21	-	-
Kapolo AMCOS	Tanzania	Grains	8/13/2013	148	-	-	592	740	-	2	-\$32	-	-	-	-	-	-\$32	-\$110	5	-	-
Kinole Pineapple Growers Association	Tanzania	Horticulture	8/18/2013	110	-	-	440	550	-	1	\$358	-\$218	-	65	-	1	\$576	-	-	-	-
Light Women and Men Meals Enterprises	Tanzania	Grains	4/16/2011	2	12	131	725	870	\$733	2	\$851	\$58,347	-	-	4	\$8,495	-	-	-	-	-
Mahande Rice Grower's Association	Tanzania	Grains	2/26/2012	200	0	200	1,600	2,000	\$180,000	8	\$195,439	\$192,147	400	50	1	-	\$3,292	\$0	-	-	-
Mbingu AMCOS	Tanzania	Grains	8/14/2013	76	4	76	624	760	-	6	-	-	-	6	-	-	\$125	-	-	-	-
Mbonzo AMCOS	Tanzania	Legumes	8/5/2013	72	-	-	288	360	-	10	\$58,539	-	-	-28	-	3	\$58,539	\$0	-	-	-
Midawe Horticultural Group	Tanzania	Horticulture	8/13/2013	107	2	107	864	1,080	-	19	-	-	62	39	-	5	-	-	-	-	-
Ministry of Livestock and Fisheries	Tanzania	Flexible	8/2/2013	-	6	-	24	30	-	3	-	-	-	-	-	-	-	-	-	-	-
Mlali Irrigation Scheme	Tanzania	Horticulture	8/1/2013	256	-	-	1,024	1,280	-	8	\$1,350	-	-	-	-	-	\$1,350	-	-	-	-
Mpanga SACCOS	Tanzania	Grains	8/15/2013	813	4	813	6,520	8,150	-	3	-\$874	-	-	19	-	-	-\$874	\$0	-28	-	-
Njombe Agrodealers Co. Ltd.	Tanzania	Legumes	8/3/2013	160	-	164,000	856,640	820,800	-	9	\$10,310	-	-	10	-	3	\$10,310	-	-	-	-
Tamagrasai SACCOS	Tanzania	Legumes	8/1/2013	187	3	6,100	25,160	31,450	\$78864	1	-	-	-	80	-	1	-	-	-	-	-
Tanzania Land Conservation Trust (TLCT)	Tanzania	Flexible	8/2/2013	400	3	-	1,612	2,015	\$112500	1	\$12,655	\$12,655	-	400	-	-	-	-	-	14,000	-
Udzungwa SACCOS	Tanzania	Grains	8/12/2013	1,880	8	1,880	15,072	18,840	-	4	\$1,169,834	-	-	-50	-	-	\$1,169,834	-\$454,645	-115	-	-
Ukombozi SACCOS	Tanzania	Grains	8/17/2013	517	4	517	4,152	5,190	-	8	\$43,224	\$43,224	-	117	-	4	-	-\$296,073	-318	-	-
UMAMBE Oil Seed Expellers Cooperative	Tanzania	Flexible	8/12/2013	-	-	-	-	-	-	2	-	-	-	-34	-	-	-	-	-	-	-
Umoja ni Ngwvu	Tanzania	Horticulture	8/19/2013	24	-	24	192	240	\$720	5	\$393	-	2	-3	-	5	-	-	-	-	-
UNNAT Fruits Processing Ltd.	Tanzania	Horticulture	3/13/2010	0	300	600	4,500	5,400	-	0	\$298,341	\$299,336	-	-	0	3	-\$995	\$0	-	20	100
Usomama SACCOS	Tanzania	Grains	3/5/2012	395	9	395	3,196	3,995	\$0	8	\$38,542	\$38,542	-	60	1.1	1	-	-\$41,495	-4	-	-
UVWA Horticultural Cooperative Society	Tanzania	Horticulture	8/2/2013	-	-	-	-	-	-	3	-	-	-	-84	-	-	-	-	-	-	-
UWANO Ngarenanyuki Horticultural	Tanzania	Horticulture	8/22/2013	153	152	721,500	2,887,220	3,609,025	-	15	-\$167	-\$5,123	-	74	-	2	\$4,956	-	-	-	-

Table 4CNFA East Africa
Farmer-to-Farmer

Table 4: Volunteer Public Outreach and Leveraging of Resources

Name	Number of Press Releases (issued by F2F implementing agency or volunteer) to local press/radio/TV media.	Number of media events by implementers and F2F volunteer.	Number of group presentations by implementers and F2F volunteers.	Number of public outreach activities (Total)	Estimated Value of Resources Leveraged by Grantee and Volunteers in the U.S. (U.S.\$)
Prior Reporting Period	38	352	318	708	\$735,570
Current Reporting Period	2	84	30	116	\$295,623
Total	40	436	348	824	\$1,031,193

Annex B: Associate Awards

Associate Award					
Life of Project Volunteer Assignment Breakdown					
	FY09	FY10	FY11	FY12	Total
KDLDP	N/A	6	15	18	39
Total	N/A	6	15	18	39

1. Country: Kenya

2. Project Title: Kenya Drylands Livestock Development Program. Award 623-LA-10-00004

3. LOP Budget: \$9,995,424

4. Obligated Amount: \$9,995,424

5. Start Date: June 7, 2010

6. Completion Date: November 5, 2013

7. Objectives:

The Kenya Drylands Livestock Development Program's (KDLDP) goal is to enhance trade of livestock and livestock products in order to increase incomes and food security conditions for a minimum of 50,000 pastoralist households in the districts of Garissa, Wajir, Mandera, Ijara and Tana River. KDLDP seeks to improve pastoralists' market linkages for inputs, livestock products and food security needs. In working to achieve this goal, the project enhances value addition and livestock productivity through business development services and animal health delivery services. This project also improves the policy environment for trade in livestock and livestock products, and support measures to enhance pastoralists' adaptation to climate.

8. Summary Indicator Tables

Associate Award Reporting for East Africa Leader Award Annual Reports																		
	No. of Volunteers			Number of Volunteer Days Completed	Persons Directly Assisted			Persons Trained			Host Institutions							
	Male	Female	Total		Male	Female	Total	Male	Female	Total	C = Cooperatives and Associations	F = Individual Private Farmers	P = Other Private Enterprises	N = Non-Profit, Public Interest NGOs	E = Public and Private Education Institutions	R = Rural Financial Institutions	G = Public Sector Technical Agencies	Total
Design LOP Target			40															
Year 1																		
Year 2																		
Year 3	3	3	6	110				89	35	124	6						6	
Year 4	13	2	15	280	369	87	456	128	26	154	1		1		1	2	5	
Year 5	8	10	18	401	277	78	355	68	32	100			1		1	1	3	
LOP Total	22	9	39	611	646	165	811	285	93	378	7	0	0	2	0	2	3	14

9. Status:

Over the course of the project, 39 volunteers were fielded, falling short of the originally planned 40 volunteers. This is primarily explained by the challenging security situation, particularly in the Garissa and Wajir provinces. Prior to Kenyan military forces moved into neighboring Somalia, the security situation was too dangerous to send US volunteers to most project sites. As a result, volunteer assignments focused on hosts located closer to Nairobi, where the security situation was more stable.

Notable highlights of the volunteer component included:

- Eight assignments were conducted with the Kenya Leather Development Council in resource mobilization, market analysis, information dissemination, and facility design.
- KDLDP volunteer component has formed a relationship with Community Owned Finance Institution (COFI). One volunteer spent three weeks evaluating their resource mobilization structure and assisting with proposal development procedures.
- KDLDP also received one volunteer to assist the program develop and streamline their communications deliverables.
- KDLDP worked with the Kenya Meat Commission (KMC) on several assignments, covering topics such as animal nutrition in the drylands and drought management in regards to fodder as a mitigating strategy.

During the life of the program (LOP), KDLDP made significant progress in achieving other program targets, despite incidents of insecurity and inter-clan clashes in Mandera, Wajir, Garissa and Tana River counties. The program attained a significant level of gender equity of 25% in major program activities. The following were the main results of the program:

- 20,000 pastoralist households increased their incomes and improved food security
- 100 new jobs in the livestock value chain were created.
- 200 small enterprises increase their production more and better products, access to markets, and improved incomes for employees and members.
- 108 agro-vets and 119 Community Animal Health Workers (CAHW) provided better goods and services to pastoralists.

- 563 individuals and 21 groups made savings of \$128,443; 46 accessed loans to the tune of \$113,752 catalyzing trade, production and value-adding activities
- 101 Enterprises and associations have received matching grants to the tune of \$321,968
- DLMC with viable business plans providing improved services to the pastoralists.
- CNFA's Farmer-to-Farmer (F2F) program supported KDLDP fielding 39 volunteers along the livestock value chain. The volunteers worked with pastoralists and women's groups on livestock production areas as well as livestock traders, processors, regulators and policy-makers in and around Nairobi and Kenya's coastal cities.
- Pastoralists better able to represent their own interests in policy discussions, leading to improved policies.

The program attained a significant level of gender equity in major program activities. Matching Investment Grants (MIGs) for women groups exceeded LOP target by 40%.

Pastoralist Marketing Clusters (PMCs), commercially oriented associations of producer groups, were formed to provide producers the advantages of collective marketing and purchasing. During the period under review, the PMCs traded livestock worth \$32,396 and earned \$15,910 from sales of raw hides and skins. A total of 192 Matching Investment Grantee partners implemented projects valued in excess of \$1.2MM. This included grants valued at \$800,000 and matched with \$400,000 from PMCs.

Five District Livestock Marketing Councils (DLMCs) increased the ratings for governance, lobby and advocacy from an average rating of 63% in 2011 to 69 % points in 2012 as measured by a standard capacity assessment tool. The benefits accrued to the DLMCs, as a result of the volunteer assistance, includes a surge in membership of individuals by 38%, and 85% increase in the case of producer groups.

Annex C: List of Technical Reports

The list below is the technical reports completed during the program. The reports themselves have been uploaded to the Development Experience Clearinghouse.

Tanzania:

1. Green Bean and Pea Harvest & Post-harvest Handling Handbook; May 2011, Jeffrey E. Engels
2. GlobalGAP Handbook for Small-Scale Growers in Tanzania; July 2011, Jeffrey E. Engels
3. Personal Safety and Protective Clothing; March 2001, Bruce Williams
4. Seed Processing, Cleaning, Grading and Storage Training Manual; September 2011, Udai Bishnoi

Kenya:

5. Seedless Water Melon Production Guidelines for Kenyan Growers; March 2012, Mark Arena
6. Pre-production Checklist and Management Tools for Greenhouse Vegetable and Flower Growers; July 2010, David Adams
7. Curriculum for Bachelor of Science (BSc) in Food Security and Livelihoods; February 2013, Jeffrey Engels
8. Curriculum for Master of Science (MSc) in Food Security and Livelihoods; February 2013, Jeffrey Engels
9. Successful Greenhouse Production in Kenya; February 2011, Bruce Williams

Uganda:

10. Extension Teaching Methods for Agronomy Practices, Farming as a Business, Output Marketing, Post-harvest & Storage, Linkages to Financial Institutions, Group Savings; July 2010, S. Kay Rockwell
11. Edible Oilseed Crop (Groundnuts) Guidebook for Uganda; October 2012, Jeffrey E. Engels
12. Soya beans: Nutrition, Uses and How to Cook; July 2013, Dorothy Blair
13. Soya bean Culture / Management Guidelines for Travares Manes Association, November 2011, Ken Rice

Annex D: Program Outreach



Farmer-to-Farmer Stories

Improved Dairy-Feed Ration Technology Boosts Profit Margins



Display of MMCS maize flour brands

Photo by Edward Edhwaku

MMCS production staff have acquired maize milling and feed formulation technology from USAID support, resulting in increased production and sales, especially in the feed unit.

Meru Multipurpose Cooperative Society (MMCS) is an offspring of Meru Central Coffee Union, which in turn is an affiliation of 34 primary coffee societies. The Union operates within Meru County in the eastern region of Kenya. The affiliated societies have a general membership of over 120,000 coffee farmers and their 700,000 dependents. In 2005, the union was split into four distinct cooperative societies. MMCS took over the maize mill and livestock feed production unit.

Now working autonomously, MMCS managers identified several major challenges facing them, particularly the debt inherited from the larger union, the lack of necessary knowledge among staff on maize milling and animal feed production technology, and proper marketing of their products. These deficiencies led to the production of poor quality maize and animal feed products and loss of market share. It was under these circumstances that MMCS approached CNFA for volunteer technical assistance through the Farmer-to-Farmer program.

Starting in 2011, CNFA organized a total of seven volunteer assignments over three years covering maize milling technology, quality control and assurance, postharvest, marketing, dairy nutrition and feed formulation software training. With new skills in milling technology, the cooperative increased extraction rate by 2%, immediately resulting in an additional extraction of 97 tons of maize flour per month. As a result of F2F training on marketing, dairy nutrition and feed formulation software, the cooperative increased its market share by 100% and generating an increase of feed sales from 200MT per month to 400MT. Farmers purchasing MCMCS' new feed report an increase from 90 - 150 liters of milk per cow each month, resulting in an additional \$70 per cow every month. New feed formulation technology lowered the cost of production by 28% per 50kg bag, increasing feed mill profit by \$4,600 per month. According to the feed mill manager, "what F2F volunteers have done for the cooperative ... will never be forgotten."

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This publication was produced by the U.S. Agency for International Development and its Farmer-to-Farmer Program. It was prepared by CNFA.



Farmer-to-Farmer Stories

Women's Empowerment in Tanzania



Photo Courtesy of Ezzat Husaini

Dr. Jeffrey Engels with GlobalGAP training graduates.

“By implementing good agricultural practices, the Imani women will change their farming behavior without increasing production expenses.”

- Dr. Jeffrey Engels

U.S. Agency for International Development
www.usaid.gov

The Imani Women Group (IWG) is a Tanzanian agricultural cooperative of fifty-five women cultivating green beans and peas in the village of Boma Ng'ombe on the southwestern slope of Kilimanjaro. The IWG is one of seven cooperatives that supply fresh vegetables to HomeVeg Tanzania. HomeVeg contracts these cooperatives for high-value crops and presently exports an average of 9.2 metric tons of fresh vegetables and legumes per week to Special Fruit in Meers, Belgium and Wellpak in Evesham, UK.

With unwavering dedication and a strong commitment to learn about innovative farming techniques, these women completed several comprehensive courses given by F2F volunteer Dr. Jeffrey Engels in harvesting and post-harvest handling of vegetables and GlobalGAP (Good Agricultural Practices). The Imani Women Group studied vegetable production, various harvesting methods, sorting, grading, packing, and storage procedures required for export.

To accompany his technical training program, Dr. Engels wrote two customized technical manuals titled *Green Bean and Pea Harvest and Post-Harvest Handling Handbook* as well as a *GlobalGAP Handbook for Small-scale Growers in Tanzania*, which were translated into Swahili and distributed to horticulture producers across Tanzania and Kenya. According to Dr. Engels, “GlobalGAP training empowers women farms in Tanzania for the first time with the knowledge of how to increase the yield and quality of their crops to meet EU standards and market their vegetables in Western Europe.”

As a result of their training with Dr. Engels and other F2F volunteers, IWG is a more consistent supplier to Home-Veg and substantially increased the amount of produce that meets HomeVeg's high criteria. This, in turn, has increased incomes for the women growers and attracted more members to the group.

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Farmer-to-Farmer Stories

From Association to Industry Leader



Tomato producers in Tanzania

Photo Courtesy of Brian M. Indiwere

“Steve Tammeus helped us with business skills and strategies to improve our business.”

- Chairman of Njombe Agrodealers

Founded in 2008, Njombe Agrodealers is an association of 80 members in Tanzania involved in output marketing, primarily for beans and maize and tomatoes. The mission of the association is to create a network of members who benefit from aggregating produce and selling in bulk. Furthermore, the association consolidates the voices of all the members to create a unified voice in lobbying and advocating to farmers, the government and among their own members. Despite success in attracting members, they were facing a number of challenges, including the need to increase the quality of their tomatoes as well as pursue better ways to market them. Association members also sought to increase sales and in-come on produce. They also had financial problems and were unable to maintain a profit for their members

Given these challenges, CNFA sought to provide solutions by providing them with several volunteers. The first volunteer was Brian Doyle, who in August 2011 who provided leadership training to association members. In September 2011, a second volunteer, Steve Tammeus, assisted the group with a strategy on appropriate marketing strategies. In February 2012, a third volunteer, Jan Buresh, assisted the group with finance and HR management.

The technical assistance provided by these volunteers generated substantial impact for the association. In 2012, the group counted 136,000 clients and now boasts 164,000 clients in 2013 due to the association's improved perception in the market. Furthermore, Njombe Agrodealers now has a strong voice in lobbying and advocacy at the district, regional and national levels. Starting in 2012, the government requested that the association participate in various agriculture sector dialogues to represent their industry. They are now considered a leader in the fight against counterfeit seeds and other inputs, and are working to implement safety measures to ensure seed quality for their clients.

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Farmer-to-Farmer Stories

Strengthening Farmer Organizations in Uganda



A farmer displays his harvest of maize

As a result of three F2F volunteer interventions, Bukawa ACE reduced post-harvest losses, improved its business practices and increased its membership.

Bukawa Area Cooperative Enterprise (ACE) is composed of 822 members (328 female, 494 male) who are primarily involved in the production and marketing of grains such as maize, rice and sorghum. The cooperative offers a variety of services to its members including mobilization of farmers into production and enterprise units, access to financial services, provision of quality inputs, farmer training, extension and advisory services. Bukawa ACE also helps mobilize member farmers to bulk their produce for collective marketing. Members faced a number of challenges that ranged from high post-harvest losses, poor leadership and management, and limited skills in farm business and management. To address these gaps, Bukawa ACE requested technical support from the CNFA F2F program.

The program responded by fielding volunteer Paul Gorman in 2009, who trained the cooperative's leaders in farm business development and management. As a result of the training, the host developed a business plan, enabling them to obtain a microfinance loan worth nearly \$16,000 from the Microfinance Support Centre Limited. In addition, farmers began to engage in structured farm planning, record keeping, and cash flow projections. As of 2013, 22% of the farmers can now tell whether they are making a profit or a loss every season, whereas before the training the concept was not practiced. Members also set up an inputs shop to make improved inputs more accessible to their members. Bukawa ACE has since leased a rice milling enterprise from the Ugandan government to access value-added markets for their rice.

Also in 2010, CNFA recruited volunteer Jerome Heuertz to address challenges in the leadership and management of the ACE and its producer organizations. Mr. Heuertz helped members to understand the roles of each stakeholder in ACE and to explain the responsibilities of coop leaders to its members. This led to increased membership from 209 in 2009 to the current 822. Furthermore, members are now able to bulk their produce and sell it collectively, a sign of increased trust in the cooperative's operations. On average, farmers in the cooperative earn UGX 50-120 more in bulk sales compared to small individual sales.

In 2010, CNFA fielded a follow-up assignment with volunteer Norbert Soltwedel, who trained farmers in post-harvest handling. As a result, the host reported a reduction in post-harvest crop losses from 40% to 15% between 2010 and 2013.

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Farmer-to-Farmer Stories

Successful Business Planning



Photo by Edward Echwalu

Farmers loading and delivering sunflower seeds

“The Business Plan really made some wonders happen. It has been like a Bible for us.”

-Mukwano Operation’s Manager

U.S. Agency for International Development
www.usaid.gov

Mukwano is a private business located in the northern part of Uganda which suffered through a 20-year insurgency. Its main services and activities include input supply, produce buying and aggregation, oil processing, farmer mobilization, training and advisory/extension services. Mukwano supports an out-grower scheme of approximately 60,000 smallholder farmers in ten districts.

The company's oilseeds division has recently increased its push to improve production and profitability. To do this, it is interested in improving the capacity of farmers that supply the company with soybean and sunflower. Mukwano also recognizes the need to continually upgrade its internal operations and equipment in order to stay competitive.

To address these issues, the company requested F2F volunteer technical assistance in the areas of cooperative management and strategic business planning. Volunteer Don Renquist trained key staff at Mukwano in cooperative formation, management, financing and governance. As a result, site coordinators acquired the knowledge and skills to conduct cooperative education - which are now actively doing. The cooperatives, in turn, are improving their organization – from field production to governance.

A second volunteer, Merle Anderson, provided training in business development skills to Mukwano's leadership and helped them to develop a strategic business plan. The business plan led to the purchase of solvent extraction equipment valued at \$900,000. This upgrade has allowed Mukwano to reduce the presence of foreign matter in their processed oil from 6% to 2% and increase extraction efficiency.

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Farmer-to-Farmer Stories

Improving Livelihoods for Peanut Farmers



Volunteer Richard Leep giving a demonstration to farmers

Photo by Edward Schwela

Since 2009, F2F has provided SIMUCO with five professional volunteers, resulting in increased savings, access to micro-credit and new markets, and a reduction in post-harvest losses.

Sihubira Multipurpose Cooperative Society (SIMUCO) is a producer organization comprised of 505 fully registered members (280 female, 225 male) but extending services to over 3,000 farmers involved mainly in the production and marketing of peanuts. SIMUCO's goal is to improve farmers' income from improved productivity and access to good markets. SIMUCO faced a number of challenges in the aspects of marketing, cooperative management, lack of access to financial services, and weak leadership and management.

In 2008, the Farmer-to-Farmer (F2F) program in Uganda started working with SIMUCO to address these challenges and over the course of five years provided seven professional volunteers to assist in the areas of cooperative development and management, savings mobilization and credit management, marketing, organizational strengthening in leadership and management, and entrepreneurship and business management.

With a better understanding of cooperative management and additional assistance in savings mobilization and credit management, the savings culture among SIMUCO farmers improved and member savings has increased. In addition, the host has been able to form 13 Village Savings and Loan Associations (VSLAs) for easier access to micro-credit.

Volunteer technical assistance in marketing helped SIMUCO to develop a wide range of products under the trade name 'Sunrise'. With the skills acquired in marketing coupled with improved packaging and branding, SIMUCO has been able to penetrate new markets and as a result, total annual gross sales increased from just under \$1000 in 2008 to nearly \$11,000 by 2012.

SIMUCO also received volunteer training in post-harvest handling of peanuts. As a result, best practices in harvesting, drying and storing were adopted by farmers, leading to a significant decline in harvest and post-harvest losses from 50% in 2011 to 10% in 2013.

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PENN STATE NEWS

Home Research Academics Impact Campus Life Athletics Administration Arts and Entertainment



Forty Ugandan farmers and farming educators learned how to properly cook soybeans during a four-day workshop instigated by Dorothy Blair, a former assistant professor of nutrition.

Image: Penn State

Former nutrition professor uses soybeans to expand traditional Ugandan cuisine

Recipes 'delight' Ugandan farmers
October 25, 2013

In June, Dorothy Blair, a retired assistant professor of nutrition at Penn State, spent a month in Masindi, Uganda, as a nutritionist, helping soy farmers and farm educators realize the cooking possibilities for soybeans. Blair went at the request of the Masindi Seed and Grain Growers Ltd., a friendly, small-scale cooperative that stores and grinds the region's major crop — maize — mostly for the U.N. Food Program. Blair's work with them was supported by the U.S. Agency for International Development-funded Farmer-to-Farmer program of CNFA, an international development agency based in Washington, D.C.

Soybeans had been introduced to the Masindi area just two years earlier as an oil seed and as a rotational crop for maize to help maintain soil fertility. The beans grew well, but came without cooking instructions.

Upon arrival, Blair learned from Solomon Kahuma, the marketing manager at the co-op, that two four-day cooking workshops had already been scheduled, each with 20 women farmers and farming educators.

There was nothing in place for the workshop. They fashioned a rudimentary kitchen: water in jerry cans, basins with soap and diluted aluminum pots brought from home by participants. Their stoves were three stones on dirt, fired with wood. If lucky, they had a table (or a floor or two chairs) on which to place groceries, demonstrate cooking techniques and display the finished soybean dishes.

When available, Blair used a PowerPoint presentation powered by a generator. Otherwise she used flipcharts and a translator to teach her class. Used pages from the flipchart became ground cloths for the cooking ingredients.

Blair went prepared with knowledge of traditional Ugandan foods and a cookbook of recipes she had devised of traditional bean dishes, converted for soybeans. "I chose the most promising recipes based on seasonally appropriate vegetables, and developed a four-day, soybean immersion," said Blair.

"The evening before the first day, I picked over 5 kilograms of poorly-stored soybeans and gave them a 12-hour soak. The next day we cooked them for 3½ hours over our wood fire," Blair explained. "We added the traditional sautéed onions, tomatoes and curry powder to the beans and voila! Rich, delicious, and chewable soybeans, served with stiff maize porridge and matooke — green bananas wrapped in banana leaves — and cooked to stiff porridge consistency. The farmers were delighted with the taste of well-cooked soybeans."

The success of the workshop was attributed to various cooking dishes that

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IMAGE GALLERY



Blair and the farmers fashioned a rudimentary kitchen for the workshop.

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Dorothy Blair, Soybean value Addition, Masindi Seed and Grain Growers Limited, Uganda, July 2013
<http://news.psu.edu/story/292786/2013/10/25/science-and-technology/former-nutrition-professor-uses-soybeans-expand>

OPPORTUNITIES

Use Your Expertise to Make an Impact; **GEAPS Member Jerry Heath Discusses International Volunteer Opportunities**



Wouldn't it be interesting to get away from your normal job, routines and community for a little travel adventure and at the same time do some real good for people? How about an all expense paid trip to Africa or Asia to share your grain industry talents for a few weeks?

Above: Jerry Heath (right) working to improve agribusiness standards while in Eldoret, Kenya.

Below: Grain cleaning equipment.

GEAPS members and others in agribusiness have a diverse set of skills and experiences: managing elevators and co-ops, finance, grain grading and marketing, engineering, materials handling and many other technical specialties. Any of these could potentially match up with a short-term volunteer assignment in a program that is part of the U.S. agricultural foreign aid effort. Grains are important staple foods worldwide, needless to say, so there is an increasing demand for volunteers with grain industry skills.

Jerry Heath, product manager and staff entomologist, The Industrial Fumigant Co., Lebeck, Kan., has been on CNFA Farmer-to-Farmer Program assignments in 2012 and 2013 to Kenya and Tanzania. He was assigned to the Eastern Africa Grain Council, a trade group with many goals similar to GEAPS and International Association of Operative Millers' (IAOM). Jerry's assignments involved visiting commercial grain storages and milling companies to assess current fumigation and pest management practices, and to present seminars on those topics.

East Africa has grain storage practices and insect pressures much different than the U.S. Post-harvest losses have been estimated as high as 40% and most grain storage and transportation has been in bags. Trends are underway to transition away from grain handling in bags to bulk. And, for both commodities and milling, the impacts of the Global Food Safety Initiative are beginning to be felt with marketing opportunities achieved or lost. No matter where you are in the world, there is resistance to change. However, there are countless opportunities to teach important fundamentals, and help guide progress incrementally to better, safer and more efficient operations. The advice and training provided by volunteers is greatly appreciated.

CNFA is a non-government organization based in Washington, District of Columbia, that



Port of Mombasa, Kenya
Over 400 containers, 100000
bags of grain, and 100000
bags of grain are loaded
annually. The volume will be expanding
as the role expands into
longer term storage with the
construction of 154 new silos.



has had the contract for a number of years to administer the USAID-funded Farmer to Farmer Program. In reality, "Agribusiness to Agribusiness" might be more accurate. Assignments have mostly been in Africa, Southern Asia and a few in Eastern Europe. CNFA has staff in a number of countries to identify needs and help develop appropriate projects that can achieve reasonable objectives. Objectives may be modified somewhat during an assignment, but project plans and objectives are generally well conceived to begin with. Volunteer assignments sometimes lead to follow-up assignments in future years, or identification of a need for some other specialist.

Assignments are developed as "Scope of Work" documents. Volunteers can evaluate considerable information about the location, situation, scheduling, skills needed and objectives before accepting. Volunteers are provided with tickets, plenty of expense money and complete coordination of their travel, lodging and other needs. CNFA takes care of emergency and evacuation insurance and assures that volunteers will always be in reasonably safe areas and lodged in hotels that meet their standards. It can be lonely at times, as volunteers usually work independently with a host group of some kind, but not with a group of other Americans. It is good to have some books or projects along to fill some of the down time. Television and internet service is good in most places and it is remarkable how well-connected you can remain with your office and folks at home. Sometimes husband-wife teams have been accommodated, especially if both have agribusiness skills, but generally it would not be appropriate to have a spouse along during assignments. A number of volunteers piggyback some personal travel before or after the assignment and spouses are along for that time. The CNFA travel agent can help coordinate some of the ticketing.

Check out the CNFA website (www.cnfa.org) for more of an overview. Much of the recruiting for volunteers over the years has been through professional networking, but there is also an opportunity to post a profile of your skills and interests on the CNFA website. Contact Jerry Heath (jheath@ndfluma.com) or George Kennstad (gtkennstad@chgo.net) for further information from former grain industry volunteers.

Think about it! What could be more fulfilling than to share some of your experience, have an adventure and know that you have helped people in a developing country? These assignments could fit in many vacation schedules or retirement plans without totally upsetting somebody's lifestyle. Some volunteers have been active into their eighties! An international volunteer assignment sharing your expertise could be one of the greatest events of your life.



Traditional grain handling and storage bags and stacks.



Maize flour is a staple food. Milling and packaging of consumer products is done by companies ranging from crude and voluntary to highly automated and modern.



Jerry Heath, Pest Management and Fumigation Tech Training, East Africa Grain Council, Kenya, May – June 2013



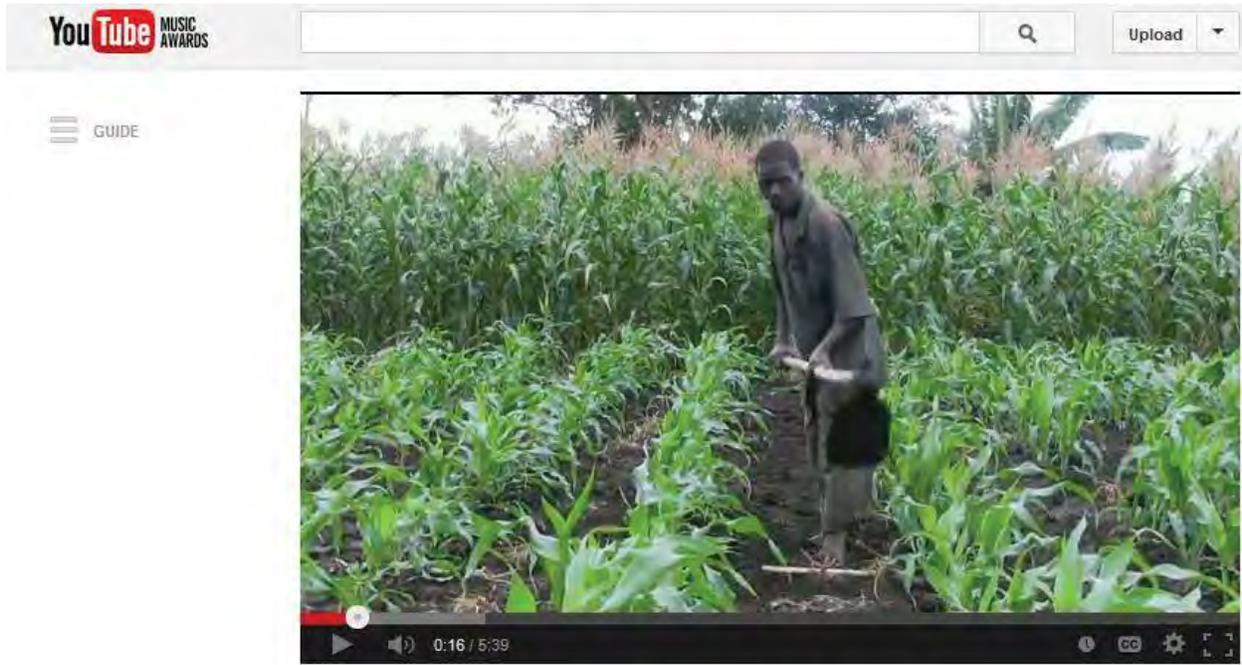
Glaucio Lopes, Artificial Insemination, Uganda Crane Creameries Cooperative Union LTD, Uganda, June 2013

<https://www.facebook.com/media/set/?set=a.10151792498924276.1073741827.105020499275&type=3>

The screenshot shows a web browser displaying a blog post on the Agrilinks website. The page header includes the 'FEED THE FUTURE' logo and the text 'This project is part of the U.S. Government's global hunger and food security initiative'. The main navigation bar features 'Agrilinks' with the tagline 'Achieving agriculture-led food security through knowledge sharing' and the USAID logo with the slogan 'FROM THE AMERICAN PEOPLE'. The blog post title is 'Farmer-Teacher-Volunteer: Supporting knowledge sharing through the Farmer-to-Farmer program', dated OCT 28, 2013, by AG TEAM. The author's bio identifies Bruce Williams as the president and owner of Agronomy and Horticulture Services L.L.C. and a volunteer for the CNFA-managed USAID Farmer-to-Farmer program. The post text discusses the importance of knowledge sharing between farmers and teachers. The right sidebar contains a 'Contribute to Blog and News' section with 383 posts, a 'Contact Us' section, and a 'You May Also Like' section with links to articles on gender integration and extension training.

Bruce Williams, CNFA F2F Volunteer in Kenya, March 2011

<http://agrilinks.org/blog/farmer-teacher-volunteer-supporting-knowledge-sharing-through-farmer-farmer-program/>



The screenshot shows a YouTube video player interface. At the top left is the YouTube logo with 'MUSIC AWARDS' next to it. A search bar and an 'Upload' button are on the top right. On the left side, there is a 'GUIDE' menu icon. The video itself shows a man in a dark shirt and shorts working in a field of young corn plants. Below the video player, the title 'Farmer to Farmer Business Training in Tanzania' is displayed. The channel name 'VoigtworksChannel' is shown with a 'Subscribe' button and a notification bell icon. The video has 581 views, 3 likes, and 0 dislikes. Below the video, there are tabs for 'Like', 'About', 'Share', 'Add to', and 'Remix this video!'. A description follows: 'Uploaded on Feb 6, 2012 In the Fall of 2011, I worked as a volunteer for the CNFA.org Farmer-Farmer program in Mbeya, Tanzania to teach basic business and marketing skills to members of the Mbonzo cooperative.' At the bottom of the description area, there is a 'Background:' label and a 'Show more' link.

Jeanne Voigt, Marketing and Business Skills, Mbonza Amco, Tanzania, October 2012