



## VOLUNTEER REPORT FORMAT

*To be submitted to CRS at the end of volunteer assignment and shared with the Host*

### 1.1 Assignment information

- a) Volunteer Name: Michael Tabor
- b) Host Organization: Catholic Relief Services
- c) State of origin: USA
- d) Assignment: Code TZ39 – Smallholders training on proper husbandry practices, disease/pest control using integrated pest management best practices (IPM) and safe use of pesticides for rice and horticultural crops.
- e) Dates of Assignment: April 10 – 24, 2015
- f) Number of days worked: 11 days

#### 1.2.1 Objective 1 in your SOW - Cereals and horticultural production best practices training for rice, maize, tomatoes and other horticultural crops within a mixed farming system.

##### a) Progress with the objective

The farmers did not rotate their crops from year to year and they only grew rice, and maize and occasionally with beans as far back as they can remember. There was minimal tomato, cucumber and a green they called spinach (but wasn't! and might have been amaranth). We discussed rotating crops and experimenting with other legumes and vegetables.

##### b) Expected impacts/results

Less problems with diseases and less need for pesticides.

##### c) Recommendations<sup>1</sup>

To work with a specific extension agent and using the expertise and technical assistance from the Kilimanjaro Coffee Collective

#### 1.2.2 Objective 2 in your SOW – Plant production and protection best practices for the hosts' variety of crops using locally available organic materials.

##### a) Progress with the objective

In touring the 4 villages and more than 10 individual farms, the farmers became aware that they have, at their disposal, many of the materials they need for protecting and enriching their crops.

##### b) Expected impacts/results

The farmers were encouraged to turn these available resources into compost and mulching to enrich their soil and protect their crops.

##### c) Recommendations

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<sup>1</sup> **Note:** Only make not more than 6 recommendations. The most useful recommendations for hosts are ones that they can implement themselves with minimal expense. For example, a cooperative might change its financial reporting procedures or hold more regular meetings of its board. Broad recommendations on tax or credit reform, changes in government policy, or investment in large-scale equipment, are usually not within the host organization's reach.

As part of the next series of workshops, one of the session should be practical application of these resources.

### 1.2.3 Objective 3 in your SOW – Safe use of pesticides as currently applied by the farmers.

#### a) Progress with the objective

The dangers and harm of the pesticides the farmers use was discussed and the farmers were urged to move away from their use.

#### b) Expected impacts/results

By stopping to use these chemicals, the farmers will save a lot of money. Most importantly, they will halt the depletion of their soil and farming will be safer, health wise, for the farmers and their families. They will use resources freely available to them and grow tastier and healthier produce.

#### c) Recommendations

To explore the use of the Neem tree for insecticidal purposes in follow up sessions with CRS. A person with expertise in the production of Neem oil be brought in from Kenya or India to explore production in Tanzania. Additionally, to train the farmers in composting and mulching for soil enrichment, and other natural repellent methods.

### 1.3 Action Plan

Recommendation	Specific Action	Responsible person	By when
1. Continuity of recommendations	Take highest priority recommendations and create 3-5 year plan	CRS	3-4 months
2. Bring high wheel cultivator and push seeder with plates to villages	Show how they are built, and find similar materials for replication	CRS, Mr. Chairman	September
3. Develop partnership with Kilimanjaro Coffee Co-op	Develop series of workshops in co-ops	CRS, Mr. Chairman, Kili Coffee Co-op	6 months - year
4. Follow through with demonstration projects – seaweed extract, mulching and composting	Farmers report to Mr. Chairman on the condition of the small plots	Mr. Chairman	60 – 90 days
5. Distribute summer squash seeds for demonstration	Willing farmers will plant these seeds using mulching, composting and only organic materials	Mr. Chairman	Growing should take 60 – 75 days
6. See “Achievable Goals”			

1.4 Number of people Assisted – This setup, with a chart and categories that don’t apply, doesn’t work for the work I did, so I’m presenting it in a different way.



My work in each village was divided into two days, one exploring several fields and assessing their condition and making suggestions and learning about the issues the farmers have and the second day was the more formal classroom or workshop.

Each day was different and the farmers who attended both days should be acknowledged for taking so much time out of their work to attend.

We did not take attendance in the field. None of us thought to do so. We have pictures of the field visits that can give a sense of the number of people walking around with us.

The classroom attendance was as follows:

Monday, April 13, their first group did not materialize so we went to the second group and we did a joint session with 17 attending.

Tuesday, April 14, was again a joint session with 21 attending.

Wednesday, April 15, again a joint session with 20 attending.

Thursday, April 16 again a joint session with 12 attending.

Friday, April 17 again a joint session with 19 attending.

Monday, April 20, we had a men's session with 20 attending.

Tuesday, April 21, 38 men.

Wednesday, April 22, the village decided the men would attend and the women would be working, (Ufoo has the attendance sheets).

A total of 186 plus Wednesday's number of farmers participated in the program. So we estimate we reached 200 farmers.

These numbers do not include host staff. SEE ABOVE FOR THE SECTION BELOW

- a) *Through formal training*
- b) *Through direct technical assistance (Do not double count)*
- c) *Out of these above, number of host staffs*
- d) *Training/assistance by field*

<b>Category</b>	<b>Total</b>	<b>Males</b>	<b>Females</b>
<i>Members/ owners</i>			
<i>Employees</i>			
<i>Clients/ Suppliers</i>			
<i>Family Members</i>			
<i>Total</i>			

### 1.5 Gender

- a) What gender roles did you recognize in your host community? Did these roles play a part in your assignment? How?

In the first two villages, except for the few women who did come, the men were attentive and asked questions. The few women who attended also asked thoughtful questions so we did not separate the genders. The men didn't seem overbearing. It was understood that the land belongs to the man but the women did much of the field work as well as the caring for the home and children. It was evident that when there were strong women, the men were deferential. The men and the women seemed used to being in each other's presence.



- b) How might CRS or the host organization improve opportunities for the women in this host or host community?

The women seemed to be quite intelligent, resourceful and if they had opportunity, they could be quite resourceful and enterprising. CRS could invite experts in micro enterprises for women and spend a substantive amount of time analyzing their businesses and working to enrich them. Particularly for the single and widowed who were complaining how difficult it is to cultivate their land on their own. The simple tools (appropriate technology) we recommend could increase their productivity and lessen the time in the fields. Perhaps they could focus on small business development and make arrangements for their land to be worked by hired labor or family members to spread the work at hand. With the introduction of the tools we recommend, their time in the fields could be shortened and give them time for other productive endeavors such as the small businesses (catering, event planning, etc.).

1.6 Value of volunteer contribution - \$2,700

- a. Hours volunteer spent preparing for assignment    Approx 15 hours = \$2,250
- b. Estimated value of all material contributions volunteer contributed to host during assignment
  - Seaweed powder - \$40
  - Networking/outreach – we hired “Peter” to take us to various organizations and translate for us on 4 occasions and paid him \$40 each time. Each outing took about 4 hours. = \$160
- c. Purchase of two appropriate technology tools to be brought down by Bruce White
  - Seeder - \$100
  - High Wheel Cultivator - \$150

1.7 Value of hosts' contribution in \$ (Please consult the host as well)

- a) Meals
- b) Transportation
- c) Lodging
- d) Translation
- e) Other (Specify) – YMCA room rental

1.8 Host Profile Data: N/A

Did you obtain any data that supplements or corrects the data in the existing host information as detailed in the SOW? Please list it.

1.9 Recommendations for CRS:

The overall recommendation for CRS concerning the F2F program is to develop continuity from volunteer to volunteer and to focus on specific regions to ensure that follow through can be achieved. Each of the recommendations, achievable goals, etc., in this report will only be useful if there is follow through. So CRS can make a substantial impact over a 5 year period if it focuses on these targeted projects and then they can become models for duplication in other parts of the country.

- 1. Follows through with the Coffee Cooperative and arrange for direct support and monitor the progress.
- 2. Develop a relationship with the new extension agent who was very receptive to organic farming and appropriate technology strategies. If done right, there might be government assistance in securing some of the tools and for technical assistance.



3. Follow through with Mr. Chairman on the two demonstrations recommended – using the seaweed extract on a patch of land and using mulching and manure on a patch of land. The participating farmers are to report to Mr. Chairman and CRS and evaluate their effectiveness.
4. Follow through on the soil testing equipment.
5. Follow through on the two pieces of equipment – high wheel cultivator and push seeder. Bruce needs to bring both with him in June and encourage the production of them as a new enterprise. They need to be taught how to use both and find folks to replicate them.
6. See the attached “Achievable Goals”.

1.10 Press Release – sent separately