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CRS Farmer to Farmer Program

Volunteer Assignment Scope of Work (SOW)

Some assignment details are subject to change

Summary Information	
Assignment Code	NE209
Country	Nepal
Country Project	Crops Country Project
Host Organization	Airawoti Multipurpose Small Agriculture Cooperative Limited
Assignment Title	Ginger disease (Rhizome Rot) management
Assignment preferred dates	July – September, 2019
Objectives of the assignment	Enhance farmers capacity for ginger disease and management
Desired volunteer skill/expertise	Plant pathologist and expose to rhizome related disease control
Type of Volunteer Assistance	Technology Transfer (T)
Type of Value Chain Activity	On Farm Production (F)
PERSUAP Classification	Type II

A. BACKGROUND

Airawoti Multipurpose cooperative is located on Surumarani Gaupalika ward No:4 Baddanada. Cooperative was established on 2001 A.D covering 4 previous VDCs with only 44 farmers members. Now cooperative have 1082 active members. The main goal of cooperative is reducing the poverty by increasing agriculture production and productivity. In addition, there is micro finance facility for members. The livelihoods of cooperatives members are interlinked with vegetable production, honey bee, ginger production, goat rearing and milk production. Large number of youths have migrated from the village and remittance occupies huge share of total income.

Ginger has been one of the focused commodity of Nepal government. The Nepal Government Trade Strategy (i.e NTIS) has been targeting the commodity to offset trade imbalance by exporting ginger to international markets and increase income of smallholders living in rural areas of Nepal.

B. ISSUE DESCRIPTION

Many of the small holders engaged in the crops sub sector are shifting towards modern farming methods but are struggling with access to knowledge and techniques prerequisite to increase production and productivity. Furthermore, disease and pests, poor farm management practices, lack of efficient water use practices, limited knowledge on maintaining quality of produced seed, limited knowledge on soil nutrition management, limited access to farm mechanization technologies and limited access to farm extension services are aggravating low productivity. This is challenging all the commodities despite their promises for income generation.

Ginger is one of the high value commodity with about 300,000 farmers. The share of annual income of farmer covered by ginger is 40%. However, the annual income of farmers has been affected by disease infection on ginger rhizome. Rhizome rot has been rampant with ginger farms.

Ginger is grown in sloppy terrain in mid hills of Nepal. This has been a traditional crop for Nepalese farmers. The disease has forced farmers to abandon ginger farming. There has been attempts to Rhizome rot disease through various means like seed exchange, using of organic inputs, raising beds to pass the water from the field. All the efforts have not been fruitful to control the disease. The ginger research station owned by Nepal government is also doing its level best to control disease but have not been successful to improve the condition.

C. OBJECTIVES OF THE ASSIGNMENT

Training will organize for lead farmers with 20-25 participants. The specific objective of this volunteer assignment is to provide on filed training to lead farmers on Ginger disease management. The general objective will be:

- To train the targeted farmers on Ginger disease management
- Develop a manual to control diseases

D. HOST CONTRIBUTION

Host will provide local logistic contribution for expert assignment like tea cookies for trainees, training venue and others.

E. ANTICIPATED RESULTS (Outcome/impact) FROM THE ASSIGNMENT

Following outcomes have been anticipated from the expert assignment

- On field demonstration of Ginger management
- To train the Ginger farmers on effective prevention controls of Ginger disease/pest.
- Less Plant Disease with better management system

F. DELIVERABLES

The anticipated deliverables accomplished by the volunteer also include:

- a. Disease control techniques training materials shared
- b. Host recommendations action plan developed
- c. Trip Report will be developed and shared with F2F team on the final day
- d. Outreach Activity

G. SCHEDULE OF VOLUNTEER ACTIVITIES IN COUNTRY (DRAFT)

Day	Activity
Days 1	Arrival Nepal, Trivubhan international Airport. The volunteer will be picked by Hotel Kutumba card bearing “CRS logo and volunteer name”.
Day 2	Introduction and meeting with CRS management, and briefing meeting (security, general orientation, logistic, reporting formats, etc.) at CRS office. Discuss anticipated outcomes and work plan.
Day 3	Travel to assignment site – Fly to Bhairahawa and travel by Car to Pyuthan

Days 4 -9	Introduction and assignment briefing with host representatives, on field training for 3 batches at least 2.5 days with each batch (25 participants on batches)
Day 10	Guideline preparation and presentation with host
Day 11	Travel back to Kathmandu from Butwal
Day 12-13	Report preparation and submission to CRS F2F program
Day 14	Debriefing including CRS country Office and USAID Local mission
Day 15	Fly back to USA

Note: This assignment will include domestic flight and 6 hours' drive from the domestic airport.

H. DESIRABLE VOLUNTEERS SKILLS

The volunteer will have the following qualifications and competencies:

- Working experience in plant Ginger disease management
- Hands on training skill in developing world
- Flexible to adapt with local situation

I. ACCOMMODATION AND OTHER IN-COUNTRY LOGISTICS

- Before travelling to the assignment place, the volunteer will stay in Kathmandu at one of the CRS's client hotels, Hotel Kutumba <https://www.orbitz.com/Lalitpur-Hotels-Hotel-Kutumba.h33780567.Hotel-Information> or another hotel that will be booked and confirmed before the arrival date. In Kathmandu, the hotel usually has rooms that include services such as airport pickup and drop-off, breakfast, wireless internet, etc. The hotel or CRS will arrange a vehicle for short travel from the hotel to CRS and vice versa while in Kathmandu.
- All required materials will be prepared ahead of time and will be provided to the volunteer. CRS Nepal will provide the volunteer with a laptop computer (if s/he needs), local internet dongle (modem/EVDO) and mobile phone with charged local SIM-card. Any other required logistics and facilities can also be requested by the volunteer during her/his stay in Kathmandu. CRS will provide a vehicle and accompany the volunteer to the place of assignment.
- During the assignment period, the volunteer will be booked in a hotel at the project site, to be confirmed prior to volunteer arrival. CRS Nepal will arrange hotel accommodation and cover the lodging bills against receipts. CRS HQ will provide the volunteer with a per-diem advance to cater meals and incidences.
- Security information will be provided by CRS Nepal Security focal person at Kathmandu CRS Country office.

J. RECOMMENDED ASSIGNMENT PREPARATIONS

- Prior to travel, the volunteer is advised to prepare necessary training and demonstration aids and written handouts. Electronic copies of these handouts and any other printed materials can be printed for immediate use at the CRS office in Kathmandu on request by the volunteer.
- If the volunteer requires use of simple training aids like flip charts, markers or tape s/he should make the request and collect from the CRS office in Kathmandu prior to travel to the assignment place.
- Translation of handouts to the local language can be done at the assignment location if required.

- Depending on the meeting places and availability of electric power and LCD projector, the volunteer may use a laptop and projector for power point presentations.
- Weather Appropriate Clothing: <https://www.accuweather.com/en/np/nepal-weather> (will provide later)

K. KEY CONTACTS

CRS Baltimore, US	CRS Nepal Country Program
Priyanka Subba Volunteer Recruiter Farmer to Farmer Program 228 W. Lexington Street Baltimore, MD 21201 410-955-7194 Email: priyanka.subba@crs.org	Phaindra Raj Pandey Project Director, CRS F2F Nepal Country Office Maitri Marg - Bakhundole, Lalitpur Metropolitan City Ward No.1, Province 3, Nepal Cell: +977-98141205763, 9808028903 Email: phaindra.pandey@crs.org
CRS Nepal Country Program	
Prachanda Kattel Project Coordinator, CRS F2F Nepal Country Office Maitri Marg - Bakhundole, Lalitpur Metropolitan City Ward No.1, Province 3, Nepal Cell: +977-98141205763, 9808028903 Email: prachanda.kattel@crs.org	Chhan Bahadur Bhattachan MEAL Coordinator CRS F2F Nepal Country Office Maitri Marg - Bakhundole, Lalitpur Metropolitan City Ward No.1, Province 3, Nepal Cell: +977-9841390786 Email: chhan.bhattachan@crs.org
Host Organization:	
Chanda Bahadur K.C President Airawoti Multipurpose Cooperative 03, Pyuthan District, Province #5 Cell: 977-9847855687	Rebat Bahadur Khanal Manager Airawoti Multipurpose Cooperative 03, Pyuthan District, Province #5 Cell: +977-9857833860 Email: rewatkhanal70@gmail.com