



## Quarterly Report

## February-April, 2015, Issue #2

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### I. Overview/Introduction

Cambodia HARVEST is five-year food security program focused on increasing incomes for 70,000 rural Cambodian households as part of the United States Feed the Future and Global Climate Change initiatives. The Cambodia HARVEST approach to date has developed agricultural solutions to address poor productivity, postharvest losses, food safety issues, lack of market access, environmental degradation, and the effects of climate change on food vulnerable populations. The subcontractor will contribute to overall Cambodia HARVEST program targets and goals through implementation of the technical activities as outlined in the scope of work.

The Rural Economic and Agriculture Development Agency (READA) is a non-profit organization has jointed partnerwith international and local NGOs such as CONCERN, ADDA, LOTUS RELIEF CHARITABLE, AGRISUD, CCC, and DAI. The Rural Economic and Agriculture Development Agency (READA) received a sub-contract grant from Cambodia HARVEST project #111 for 16months period from November-2014 to February-2015 to work for improving Food Security and Family Nutrition in 47 villages of 12communes in Chikraengdistricts and Siem Reap town of Siem Reap provincewith target to575 direct clients and 300 indirect clients.

### II. Horticulture

#### 1. Main Activities

- ✓ Organize and facilitating field day events
- ✓ Provide technical assistance
- ✓ Provide on-farm training
- ✓ Speed up crop planting cycle 1, 2 and 3

#### 2. Achievements

##### 2.1 Sign up client for phase II project (Done)

The numbers of 575 direct clients including 105 commercial horticulture clients, 285 commercial horticulture scaling up clients and 185 home garden clients had been signed up by seven technicians in Chikraeng district and KrongSiem Reap. Otherwise, the total of 300 farmers also had been selected and signed up as indirect clients.

##### 2.2 Field day event

Field day events were organized at client's farm in order to demonstrate to new technology to client and non-client through the step of vegetable growing stage. As the result, there are 16 field day events were organized at target fields which participating from 697 participants in which 445 female. Up to this date, the numbers of 31 field day events had been conducted at the target villages. Normally, there are 30-50 participants including clients and non-clients required to participate in every events organized. Based on and guideline and the topic, there are 2-3 trainers per event to manage and facilitate for each field day event. The topics of field day are followed the guide developed by Harvest project agronomists team. (Table-1)

##### 2.3 Extension visit or technical assistance (TA)

The number of 7,036 technical assistant (TA) had been provided by seven technicians to lead clients and clients in the target area while the target for this quarter is only 6,684 TA events. The purpose of technical assistant (TA) is to assist and monitor clients in order to increase crop yield through technicians' weekly observation and

recommendation. The detail of TA event has been shown in table 1.

#### 2.4 Group training on-farm training

Theory and practical training are every importance for lead client and member clients in order to transfer the modern agriculture technology for improving their agriculture practice (high yield). The short course training were conducted at the farm directly after providing technical assistance, all client they learnt from each other during they participate all training courses provided by technicians. As the result for this quarter, the numbers of 1,351 on farm training events had been conducted in the target area with 6,914 participants including 4,318 female. (Table-1)

**Table 1: TA/ on-farm training/field dayevent**

<u>Activities</u>	<u>Target (Q2)</u>	<u>Achievement (Q2)</u>	<u># Participants</u>	
			<u>Total</u>	<u>Female</u>
Provided technical assistant to client and lead clients (TAs)	6,684	7,036	-	-
Conducted on farm training to clients and lead clients)	672	1,351	6,914	4,318
Conducted field day event	16	16	697	445

#### 2.5 Crop Planting Activities

In the period from February to April 2015, the total of 133 clients including 57 CH Scaling up clients, 4 home garden clients and 72 home gardening II clients had planted the crop in cycle I while 86 other CH Scaling up clients, 68 commercial horticulture clients, 125 home garden clients and 144 home gardening II clients are plating in cycle II. Otherwise, the total of 138 clients are planting the crop in cycle III including 13 CH Scaling up clients, 15 Commercial horticulture, 109 home garden clients and 1 home gardening clients. Up to this date, the number of 875 clients had planted the crop in cycle I, 552 clients have planted the crop in cycle II and 144 clients are planting the crop in cycle III. (Table-2)

**Table 2: Crop planting data**

No	Status Category	Total Clients	Crop Planted (Q2)			Crop Planted Up to date		
			Cycle I	Cycle II	Cycle III	Cycle I	Cycle II	Cycle III
1	CH-Scaling Up	285	57	86	13	285	144	14
2	Com Hort (CH)	105	0	68	15	105	89	14
3	Home Garden	185	4	125	109	185	170	115
4	Home Gardening II	300	72	144	1	300	149	1
	<b>Total</b>	<b>875</b>	<b>133</b>	<b>423</b>	<b>138</b>	<b>875</b>	<b>552</b>	<b>144</b>

## IV. Food Security and Family Nutrition

### 1. Main Activities

- Conducted family nutrition on-farm training to FSNG
- Provided training to school student
- Provided technical assistance
- Cooking demonstration

### 2. Achievements

#### 2.1 Signing up client/group forming/signing up school/health center (done)

Sign up and group forming was done during quarter III of subcontract #82 with 14 client groups with 374 members including 364 female and one (1) primary school (*Spean Thnot Primary School*).

## 2.2 Family nutrition on-farm training

Family nutrition on-farm training normally conducted by each nutrition specialist to the client group they formed. The training sessions were developed and sharing family nutrition education to every member in the group. From February to April; 2015, both family nutrition specialists had conducted 47 on-farm training events to 860 clients including 805 female. The topics of training are followed by Food Security and Family Nutrition area. (Table-3)

## 2.3 School field day event

Spean Thnot Primary School had been selected and signed up seen last quarter to provide family nutrition training to students. During quarter II of subcontract #111, one (1) field day events had conducted to 207 participants (students) including 123 female. (Table-3)

## 2.4 Technical assistance

In order to change client habit related to food consumption in family, nutrition specialists usually provide technical assistant (TA) to clients by face to face. As the result, both nutrition specialists had provided 285 TA to the clients while the target for this quarter only 180 TA. The key message for TA related to training topics provided. (Table-3)

## 2.5 Cooking demo

Theory and practice are very importance for effectiveness of activities. After provide theory training about family food consumption to the clients, cooking demonstration activities will be practiced with clients in order to show them how to cook meal for family member with compost of nutrition vegetable and meat they produced in the local. As the result, there are 28 cooking demo were conducted with 536 participants including 509 female. (Table-3)

**Table 3: On farm training/school training/TA/cooking demo/community action**

<u>Activities</u>	<u>Target (Q2)</u>	<u>Achievement (Q2)</u>	<u># Participants</u>	
			<u>Total</u>	<u>Female</u>
Provided technical assistant to client and lead clients (TAs)	180	285	-	-
Conducted on farm training to clients and lead clients), and school training to students	45	47	860	805
Conducted school field day event to students	1	1	207	123
Cooking demo	22	28	536	509

## V. Next workplan

### 1. Horticulture

- Conduct at least 14 field day events and expect to have 560 participants attend field day events.
- Provide at least 6,171 technical assistance to the clients
- Provide at least 672 on-farm training events to 3,360 participants

### 3. Food Security and Family nutrition

- Provide at least 45 on-farm training events to FSNG and expect to have 675 participants attend training event.
- To provide technical assistance to 180 FSNG
- Conduct at least 23 cooking demo and expect to have 300 clients will participate

VI. Pictures



**Horticulture Activities**



**Family Nutrition and Cooking Demonstration Activities**

## VII. Conclusions

### 1. Summary the overall achievements

**Horticulture unit:** During this quarter, the numbers of 16 field day events had been conducted at the target field which participating from 697 participants including 445 female. The numbers of 7,036 technical assistances had been provided to the clients and lead clients in the target village. Otherwise, the numbers of 1,351 on training event had been conducted to clients and lead clients with 6,914 participants including 4,318 female. In-addition of this above summary, up to this date, the number of 875 clients had planted the crop in cycle I, 552 clients have planted the crop in cycle II and 144 clients are planting the crop in cycle III. For **food security and family nutrition unit**, the numbers of 47 on training events had been conducted to 860 clients including 805 female. Moreover, one (1) school field day event had been conducted to 207 students including 123 female. The numbers of 285 TA also had been provided to clients and lead clients. Otherwise, the numbers of 28 cooking demo had conducted in the target village with 536 participants including 509 female.

### 2. Challenges/constraint

- Sometime difficult to work with web base application system due to internet system running slowly and the system error occurred many times during entering the data.
- Clients difficult to access the market for selling the product they produced and product price felled down during they harvest.
- Water resource is the main problem that occurred during the early of the year 2015.

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