



Quarterly Update

October, November, December 2015, Issue No.#16

1. Overview / Introduction

The results of project implementation were highlighted by combination of Food Security/Nutrition, Fisheries/Aquaculture, and Rice projects under the Subcontract No.102 between Aphivat Strey (AS) and Fintrac, Inc. for work to be performed under Helping Address Rural Vulnerabilities and Ecosystem Stability Recovery Program (USAID-HARVEST Program). This Subcontract was modified to end in March 2016. With this Subcontract, AS is responsible to work with 220 Home Garden Clients, 240 Commercial Horticulture Clients, 60 existing lead Clients and 138 Clients for Aquaculture and 4 Partner Clients for Fisheries – Rohal Suong, Ang Cheung, Praek Trob and Pour Battambang Community Fisheries. In addition, Aphivat Strey (AS) is responsible to work with 410 existing rice demonstration farms (lead clients) and 1,519 farmer households. To respond with its responsibility, AS technicians have selected clients and lead clients and conduct Field Days, Conservation Day, Cooking demonstration, provide on-farm training and technical support to farmers at AS's target areas. Furthermore, AS is responsible to promote understanding on agriculture techniques and nutrition to students of 2 primary schools – Prek Chhdor and Sdei Kroam of Aek Phnom district.

The results from AS implementation will contribute to overall Cambodia HARVEST Program targets and goals.

The Cambodia HARVEST is a 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.

2. Activities and Its Achievements

2.1 Home Garden

Clients in both home garden and commercial horticulture have been applying the Cambodia HARVEST's technologies. The yield is increasing in comparison with the traditional one. Trainings and technical assistances on home garden production have been delivering to at the sites of demonstration gardens. Each AS Food Security technician has been visiting each demonstration home garden client from Monday to Friday. They have scheduled in weekly sessions with each demonstration garden group to conduct trainings and provide technical assistances related to good agricultural practices for planting vegetables.

Besides, technicians made a shorter extension visit to monitor the progress of the garden and to provide mentoring advice. Each technician also conducted extension visits to the gardens of other client households in the village to monitor progress and provide mentoring advice.

For scaling up clients, the trainings and technical assistances were delivered at each lead client demonstration site. AS Field technicians have been visiting each commercial agriculture demonstration client in weekly base. They prepared schedule weekly sessions with each lead client to conduct training and provide technical assistance related to good agricultural practices for planting vegetables commercially. Each technician also conducted extension visits to the gardens of the other food security/agriculture client households in the village to monitor progress and provide mentoring advice. Both home gardens and commercial horticulture gardens are playing roles to teach community people on new techniques of home garden with high yield through demonstration sites.

To demonstrate these techniques, in this quarter, 1,914 TAs and 396 on-farm trainings were provide to 1,898 participants, 886 women. The topics were focusing on Certified Seed Production, Chemical safety, Climate change adaptation, Crop selection for new crop cycle, Cultural practices, Disease & Weed Control, Disease management, Drip irrigation components, Drip irrigation maintenance, Good Agricultural Practices, How to set up a Home garden, Importance of a Home garden, Irrigation, Land preparation, Live barriers, Pest management, and Phosphorous-DAP.

Field day events were organized 21 events with 548 participants, 267 women to discuss on Botanical pesticides and pheromone traps, Chemical safety, Climate change adaptation, Cultural practices, Disease & Weed Control, Disease management, Drip irrigation components, Drip irrigation maintenance, Farm chemical safety, How to set up a Home garden, Irrigation, Land preparation, Live barriers, Not Specified, and Pest management.

In addition, 55 Farming Chemical Safety Training events were conducted through on-farm trainings with 277 participants, 149 women. The topics were raised to explain on how to trap insects, how to wear boots, gloves.. etc. before using chemical pesticide, especially keep it out of children and keep waste properly after using it.



Ms. Thuok Leakhena, harvesting wax gourd, Karohal village, Peam Aek commune, Aek Phnom district,

2.2 Nutrition Education

Clients in target villages understand the importance of food group and they have been using boiled and treated water for their daily living.

The nutrition specialist has been delivering an intensive family nutrition education program including training and home extension visits through village-based Food Security and Nutrition Groups (FSNG).

In this quarter, AS Nutrition Specialist in collaboration with Cambodia HARVEST staff provided 180 technical assistances and 56 on-farm trainings to 1,048 participants, 975 women. Through on-farm trainings, 7 Cooking demonstration events were organized in the target villages, one village organized one event. In addition, 2 community action events were organized successfully with 150 participants, 105 women. All the activities of community action are demonstrating the cooking for participants. Similarly community action, AS Nutrition Specialist in collaboration with HARVEST staff organized and facilitated the World Breastfeeding's Day at Praek Norint Health Center with 123 participants, 98 women. This event was focusing on the importance of breastfeeding with children under 6 months old. In both on-farm trainings and community action, participants were participating actively in these events to improve the understanding of Complementary foods; active feeding, Cooking Demonstration, Dried Moringa leaf powder: how to make; nutritional values, Essential vitamins/minerals; garden as source of nutrition; food/crop calendar, Family food; 3 food groups; balanced meals, Feeding elderly/sick family members, Feeding school children/teenagers, First 1,000 days: mother and infant health and nutrition, Food safety: 5 keys to food safety, Growth monitoring promotion and

measurements, Moringa and other perennial foods: nutritional values, and Nutrition for pregnant and lactating women; breastfeeding practices.

Furthermore, home garden and commercial horticulture components contributed to organize 8 field day events to improve understanding of nutrition to 208 participants, 108 women. The topics were focusing on Dried Moringa leaf powder: how to make; nutritional values, Family food; 3 food groups; balanced meals, Food safety: 5 keys to food safety, and Food safety: hand washing.

2.3 Community Fisheries

AS Field Technician had been responsible for visiting each of target communities on a weekly basis to provide technical support on community fishery activities. Additionally, extension visits were provided to CFi. partner clients and field day events have been organizing every month.

The specific schedule of technical client visits as well as Field Training Day subjects and methodologies were coordinated and developed in close consultation with Cambodia HARVEST Fisheries Program Manager.

In this quarter, 104 extension visits were provided to 347 participants including 212 women to discuss on CFi by law and internal rules, CFi management plan, Conflict resolution, Fish sanctuary/refuge pond management, Record keeping, Sub-decree and fishery law, Sustainable fishing, The advantage of participation, The establishment and importance of refuge pond/fish sanctuary, and The value of flooded forest.

In addition, 4 field Day events were organized successfully with 228 participants including 140 women to discuss on Fish sanctuary/refuge pond management, and the advantage of participation. Besides, 3 on-farm trainings were provided to 43 community fisheries to discuss on Conflict resolution and Proposal writing and Fund raising.

3. Next work plan

WORKPLAN from January 01, 2016 -March 31, 2016 -Aphivat Strey (AS)

N°	Activity Description	2016			TOTAL EXPECTED LOP	Deliverables	Responsibilities
		Jan	Feb	Mar			
1.5	Extension visits to demonstration farms	50	50	50	150	Extension visits to lead/demo farms	AS Rice and FS/A Technicians
1.6	Participants in group training on demonstration farms	300	300	300	900	Participants in on-farm training events (training to include production, postharvest, business skills, marketing, other topics)	AS Rice and FS/A technicians
1.7	Participants in village-level community field days	534	533	533	1,600	Participants in village-level community field days	AS FS/A Technicians
1.8	Farm chemical safety training (participants)	167	167	166	500	Participants in FCS training	AS FS/A Technicians
4	Social Inclusion & Nutrition Program						
4.3	Nutrition						
4.3.2.1.5	Number of Nutrition Training	3	3	-	6	# Nutrition training events	AS Nutrition Specialist
4.3.2.1.6	TA visits on Nutrition	30	30		60	Extension visits to clients	AS Nutrition Specialist
4.3.2.1.7	Cooking demonstration	7	0		7	# Cooking demo	AS Nutrition Specialist
	Community Action events	1			1		
10	Monitoring & Evaluation						
10.7	Other Reporting						
10.7.1	Quarterly/annual report preparation			1	1	Quarterly Progress Report Produced and submitted.	Liaison Officer

4. Issues/Challenges

- Farmers still migrate; it is difficult to mobilize to attend group training and field day events.
- Instable market price, clients was disappointed. Take time to influence clients to search price at the market before selling.

5. Suggestions

- Mechanism of Client marketing network should be formed to make sure stable price of vegetable at the market.
- Small scale irrigation system should be implemented in the target villages.

6. Operation

The budget was implemented US\$15,935.60 of the total budget. Among of this amount was covered in the following items:

- Staff salary for July, August, September 2015:	US\$14,048.00
- Communication (CelCard for staff):	US\$230.00
- Reproduction costs	US\$42.90
- Bank fee:	US\$26.88
- Expendable supplies:	US\$30.41
- Motorcycle fuel:	US\$347.46
- Motorcycle maintenance:	US\$52.00
- Office rental in Bavel	US\$131.34
- Hired own motorcycle use:	US\$126.69
- Home Garden Field Day organizing:	US\$355.47
- Nutrition training:	US\$339.45
- Community Action:	US\$205.00

7. Annex

- AS TA Update from October, November, December 2015.
- AS Group TA from October, November, December 2015.
- AS Training Update from October, November, December 2015.
- AS Quarterly work plan update.
- AS Financial Report for October, November, December 2015