



FEED ^{THE} FUTURE

The U.S. Government's Global Hunger & Food Security Initiative

FEED THE FUTURE TAJIKISTAN AGRICULTURE AND WATER ACTIVITY

Quarterly Report

October 2015 – December 2015 (Q1 FY 2016)

January 30, 2016



USAID
FROM THE AMERICAN PEOPLE

FEED THE FUTURE TAJIKISTAN AGRICULTURE AND WATER ACTIVITY

QUARTERLY REPORT

OCTOBER 2015 – DECEMBER 2015 (Q1 FY 2016)

DISCLAIMER

This publication was made possible through support provided by Feed the Future through the U.S. Agency for International Development, under the terms of Contract No. AID-176-C-15-00004. The opinions expressed herein are those of the authors and do not necessarily reflect the views of the U.S. Agency for International Development.

CONTENTS

Acronyms	ii
Executive Summary	1
I. Technical Activities and Achievements	2
A. Developing a Modern Agriculture Extension and Advisory System.....	2
B. Extended Season Vegetable Production.....	3
C. Orchard Production	3
D. Water Management and Availability	3
II. Challenges Encountered and Actions Taken to Overcome	5
A. Challenges Encountered.....	5
B. Actions Taken to Overcome Challenges	5
III. Priorities for the Next Reporting Period	6
A. Key Technical Activities.....	6
A.1 Developing a Modern Agriculture Extension and Advisory System.....	6
A.2 Extended Season Vegetable Production	7
A.3 Orchard Production	9
A.4 Dairy Production	9
A.5 Water Management and Availability	10
A.6 Other Activities	11
B. Key Public Events	11
Annex A. Indicator Data Table	12
Annex B. Success Story	14
Annex C. Status of Environmental Compliance Activities	15
Annex D. Administrative / Staffing Issues	16
Annex E. Written Training Materials or Consultant Deliverables	17

ACRONYMS

EM	Environmental Manual
EOI	Expressions of Interest
ERC	Environmental Review Checklist
FEMMP	Framework Environmental Mitigation and Monitoring Plan
FWUA	Federation of Water Users Associations
FY	Fiscal Year
IPM	Integrated Pest Management
M&E	Monitoring and Evaluation
MASHAV	Israel's Agency for International Development Cooperation
PERSUAP	Pesticide Evaluation Report and Safer Use Action Plan
P-PERSUAP	Programmatic Pesticide Evaluation Report and Safer Use Action Plan
RFP	Request for Proposals
RFQ	Request for Quotations
SWOT	Strengths, Weaknesses, Opportunities, and Threats
ToT	Training of Trainers
WUA	Water Users Association
ZOI	Zone of Influence

EXECUTIVE SUMMARY

The Feed the Future Tajikistan Agriculture and Water Activity (hereinafter referred to as the “Agriculture and Water Activity”) is designed to assist farmers residing in the zone of influence (ZOI) in southwestern Tajikistan to increase, diversify, and add value to their agricultural production in order to address dietary deficiencies and market surplus production. The Agriculture and Water Activity will introduce and build on modern technologies and practices to support the growth and sustainable development of the agriculture extension, vegetable, fruit, dairy, and irrigation sectors within the ZOI.

Early in the reporting period, the Agriculture and Water Activity met our start-up objectives and mobilized all key personnel and initiated the recruitment of administrative and technical staff to support implementation. Simultaneously, the Agriculture and Water Activity identified, secured, and equipped the project’s offices in Dushanbe, Qurghonteppa, and Qubodiyon. In addition to these administrative processes, the Agriculture and Water Activity laid the foundation for the spring planting season and on-farm interventions through developing and releasing requests for quotations (RFQs) for improved seeds, demonstration plots, and integrated pest management (IPM) services.

To generate immediate results and increase the visibility of the Agriculture and Water Activity during the reporting period, the Agriculture and Water Activity partnered with the Farmer-to-Farmer program and hosted four international volunteers and organized fruit orchard management, home-based budgeting and bookkeeping, and food preservation trainings to benefit 551 farmers, including 314 women in the ZOI. In preparation for the launch of the impending 2016 agricultural production season in the ZOI, the Agriculture and Water Activity prepared and released requests for proposals (RFPs), RFQs, and expressions of interest (EOIs) to support the introduction and expansion of new techniques and technologies for the production of vegetable seedlings and vegetables, and provision of IPM information services for farmers in the ZOI.

Beyond the Agriculture and Water Activity’s specific interventions, to optimize the scale and impact of USAID-sponsored activities in the ZOI, the Agriculture and Water Activity established partnerships with the USAID-supported Tajikistan Nutrition-Sensitive Vegetable Technologies Project (hereinafter referred to as Vegetable Technologies Project) and Women’s Entrepreneurship for Empowerment Project to promote backyard tunnel greenhouse, greenhouse, and open field seedling and vegetable production among women-farmers in the ZOI.

As a result, the Agriculture and Water Activity is well positioned to rapidly move into the ZOI with spring seasons interventions, and capture both the early, and regular season crops production.

SECTION I

TECHNICAL ACTIVITIES

Technical activities found in this section follow the Agriculture and Water Activity's results framework and intermediate results, specifically: a) supporting the development of a modern extension and advisory system, b) increasing access and production of vegetables, orchard fruits, and dairy products, and c) improving the availability of irrigation water to smallholders. This section provides a detailed discussion of the Agriculture and Water Activity's interventions during the first quarter of FY 2016.

A. DEVELOPING A MODERN AGRICULTURE EXTENSION AND ADVISORY SYSTEM

The Agriculture and Water Activity is taking a pluralistic approach to developing the local extension and advisory system, specifically building the network of private sector service providers. To begin this process, in the first quarter of FY 2016 the Agriculture and Water Activity announced a RFP to identify a local service provider to conduct: (1) trainings and demonstrations on modern techniques of soil testing for private and public sector extension agents; (2) soil tests in farmer's backyards and fruit orchards; (3) trainings and demonstrations for local farmers on the proper fertilization of soil, IPM, and irrigation for various fruit and vegetable crops; and (4) trainings and demonstrations on the benefits of plastic mulch, crop rotation, and other interventions for weed management of various fruit and vegetable crops for vegetable and fruit orchard farmers in the ZOI.

To increase IPM services provided by local companies, the Agricultural and Water Activity also announced a RFQ and selected the Austrian company, Pessl Instruments, to supply meteorological stations to offer early warning pest and disease information services to farmers in the ZOI. Simultaneously, the Agriculture and Water Activity announced an EOI to identify a local product and service provider(s) interested in expanding their business services by hosting the meteorological stations and disseminating early warning text messages to farmers in the ZOI. Each meteorological station will monitor an area with a radius of 10 kilometers, is powered by solar energy, and collects data including air temperature, relative humidity, rain levels, radiation, wind speed, and leaf wetness, which is sent through 3G cellular communications from the meteorological stations to Pessl Instruments in Austria. Pessl Instruments processes the data and determines the probability or likelihood that a pest or disease will infiltrate a specific crop, which is uploaded on a web-based user platform that can be accessed by the local product and service provider(s). After accessing the data on the web-based platform, the local product and service provider(s) will send early warning text messages (SMS) to farmers in the ZOI about the pest(s) or disease(s) and the need to protect their crop(s).

B. EXTENDED SEASON VEGETABLE PRODUCTION

During the reporting period, the Agricultural and Water Activity, together with USAID and Vegetable Technologies Project, designed a joint intervention to improve greenhouse and open field vegetable production. The intervention will use modern production practices and technologies including certified hybrid vegetable seeds, vegetable seedling production in seedling containers, and vegetable production in improved greenhouses that are designed by Israeli experts. Based on the new production practices and technologies, during the third quarter of FY 2016, more than 1,000 vulnerable women-farmers are expected to improve the quality and quantity of their vegetable yields and in turn generate increased income from the sale of sweet peppers, tomatoes, and cucumbers on the local produce markets in the ZOI.

Also, during the reporting period, the Agriculture and Water Activity partnered with USAID's Women's Entrepreneurship for Empowerment Project to design another joint intervention to introduce women-farmers in the ZOI to vegetable seedling production under tunnel greenhouses. During the second quarter of FY 2016, the Agriculture and Water Activity and Women's Entrepreneurship and Empowerment Project will establish up to 20 backyard vegetable seedling production demonstration plots in eight districts in the ZOI. Based on the modern production techniques and technologies provided by the Agriculture and Water Activity and Women's Entrepreneurship and Empowerment Project, up to 20 women-farmers in the ZOI will generate increased income from the sale of quality sweet pepper and tomato seedlings in their communities and in the local produce markets in April 2016.

C. ORCHARD PRODUCTION

During the reporting period, the Agriculture and Water Activity partnered with the Farmer-to-Farmer Program to host three international volunteers focused on improving orchard production in Tajikistan. Together with the Agriculture and Water Activity's orchard specialist, Messiers Rico Montenegro, Bruce Gregory, and Ross Penhallegon conducted 15 trainings on modern techniques of fruit orchard management including soil preparation, IPM, irrigation, fertilization, intercropping to reduce pesticides use, and pruning grapevines and fruit trees (apricot, peach, cherry, fig, and apple) in 11 districts of the ZOI. A total of 438 farmers participated in the field-based trainings including 209 women-farmers.

Mr. Penhallegon's spouse, Ms. Katherine Penhallegon, administered five trainings on home-budgeting and record-keeping, as well as fruit preservation for 113 farmers, including 105 women, in five districts of the ZOI.

D. WATER MANAGEMENT AND AVAILABILITY

During the reporting period, the Agriculture and Water Activity utilized the Water Users' Association Capacity Assessment Tool, developed by the USAID-supported

Family Farming Program, to assess the capacities of 22 water users' associations (WUAs) in 11 districts of the ZOI. The Agriculture and Water Activity's water specialist and M&E specialist conducted focus groups discussions with the management teams of each of the 22 WUAs. The capacity assessments rated and ranked the WUAs' management teams based on seven categories: (1) governance, (2) financial management, (3) irrigation scheduling, (4) conflict resolution, (5) organizational learning and knowledge, (6) sustainability, and (7) gender. Based on the capacity assessments, the Agricultural and Water Activity drew the following conclusions regarding the challenges faced by the WUAs:

- Interference by government officials in the management of the WUAs. For example, WUAs often cannot operate as independent entities, since local government officials often replace members of WUA management teams at will.
- WUA management teams often do not have a clear understanding of the WUAs' bylaws and their roles and responsibilities within the WUAs.
- WUA management teams face challenges in collecting water usage fees from farmers, since they cannot provide evidence to farmers regarding the volume of water delivered to the farmers' fields.
- WUA management teams face additional challenges in collecting membership fees, since farmer-members often do not observe any value added by the WUAs.
- WUA management teams often lack the knowledge, skills, and capacity to properly maintain irrigation infrastructure and manage the delivery of water to WUA members.
- Water availability for WUA members is further marginalized due to garbage clogging channels within the WUAs' internal irrigation networks.
- WUA management teams are in need of training to build their capacity in financial management and taxation, developing and implementing water usage plans, and measuring and monitoring the usage of irrigation water.

Based on the results of the capacity assessments, beginning in the second quarter of FY 2016, the Agriculture and Water Activity will design and implement training programs and other interventions to develop the capacity of WUAs in the ZOI to offer improved services to their members on a sustainable basis.

SECTION II

CHALLENGES ENCOUNTERED AND ACTIONS TO OVERCOME

A. CHALLENGES ENCOUNTERED AND REASONS WHY GOALS WERE NOT MET – IF APPLICABLE

No challenges were encountered during the reporting period.

B. ACTIONS TAKEN TO OVERCOME CHALLENGES IN THE NEXT REPORTING PERIOD

No actions are needed to overcome the aforementioned challenges.

PRIORITIES FOR NEXT REPORTING PERIOD

A. KEY TECHNICAL ACTIVITIES

A.1 DEVELOPING A MODERN AGRICULTURE EXTENSION AND ADVISORY SYSTEM

Building on the groundwork completed in the first quarter, quarter two initiatives include focused training, technical assistance, and relationship building between private extension providers and Agriculture and Water Activity beneficiaries, as well as initiating spring demonstration and outreach initiatives.

A.1.1 CROP ROTATION

To reduce fertilizer use, increase the quality and quantity of yields, and support crop diversification, beginning in the second quarter of FY 2016, the Agriculture and Water Activity's extended season vegetable specialists and extension agronomists will train up to 500 farmers on the advantages of crop rotation, and the importance of crop rotation in backyard plots, fruit orchards, presidential land, and/or dekhan farms. The Agriculture and Water Activity's specialists and agronomists will provide farmers with recommendations on which varieties of crops will replenish nutrients in the soil after each crop production cycle.

To promote intercropping in fruit orchards and alternative crops in presidential landholdings and dekhan farms, the Agriculture and Water Activity's specialists and agronomists will introduce several varieties of livestock forage to support the growth and development of the dairy sector. In the case of backyard plots, the specialists and agronomists will introduce women-farmers to vitamin- and mineral-rich vegetables such as Chinese cabbage (Bok choy), green vegetable soybeans (Edamame), and/or Mung beans.

A.1.2 BACKYARD COMPOSTING

To further improve the volume of nutrients in the soil, and in turn increase the quantity and quality of yields, during the second quarter of FY 2016, the Agriculture and Water Activity will organize up to 32 demonstrations where the Agriculture and Water Activity's extended season vegetable specialists and extension agronomists will conduct trainings to introduce an estimated 960 farmers to the benefits of backyard composting. In addition, the Activity will provide select women's groups compost improvement equipment, such as thermometers to assist in the preparation of quality compost.

A.1.3 SOIL TESTING, FERTILIZATION, AND WEED MANAGEMENT

Following the RFP released in quarter one, the Agriculture and Water Activity will select a local service provider to begin conducting up to: (1) 12 trainings and demonstrations on modern techniques of soil testing for private and public sector extension agents; (2) 400 soil tests in farmer's backyards and fruit orchards; (3) 100 trainings and demonstrations for local farmers on the proper fertilization of soil, IPM, and irrigation for various fruit and vegetable crops; and (4) eight trainings and demonstrations on the benefits of plastic mulch, crop rotation, and other interventions for weed management of various fruit and/or vegetable crops for farmers in the ZOI.

A.1.4 INTEGRATED PEST MANAGEMENT

To promote an integrated approach to pest management of fruit and vegetable crops, the Agriculture and Water Activity will introduce meteorological stations in the ZOI to provide data on the likelihood of an outbreak of pests and diseases infecting their fruit and vegetable crops. The Agriculture and Water Activity will announce a RFP and select a local agricultural product and service provider(s) to offer early warning pest and disease management services to farmers in the ZOI via the meteorological stations. The Agriculture and Water Activity will also contract the Austrian company Pessl Instruments to supply the meteorological stations and train a local agricultural product and service provider(s) to properly assess and manage the data provided by the meteorological stations.

A.2 EXTENDED SEASON VEGETABLE PRODUCTION

Quarter two extended season vegetable production activities are focused on establishing best practices in seedling production, distribution, and sale, both in greenhouses as well as under low-tunnel film covers. Through these initiatives, the Agriculture and Water Activity will support farmers, especially women, throughout the ZOI to acquire the skills, and start-up resources, to plant and grow seedlings for future use and laying the foundation for a localized business model.

A.2.1 GREENHOUSE SEEDLING AND VEGETABLE PRODUCTION

Beginning in late December 2015 and continuing into January 2016, the Vegetable Technologies Project will supply nine greenhouse farmer-grantees with certified hybrid vegetable seeds and vegetable seedling containers to launch greenhouse vegetable seedling production. The technical teams of the Vegetable Technologies Project and Agriculture and Water Activity will closely monitor all stages of the greenhouse production of vegetable seedlings. In February 2016, the Agriculture and Water Activity will sign forward purchase orders with the nine greenhouse farmers to purchase up to 335,000 vegetable seedlings (80,000 sweet pepper, 135,000 tomato, and 120,000 cucumber seedlings) from the greenhouse farmers during the months of March and April 2016.

During the second quarter of FY 2016, the Agriculture and Water Activity, together with the Health and Nutrition Activity, will identify and estimated 1,000 vulnerable women-farmers to receive, in April 2016, up to 265,000 vegetable seedlings (55,000 sweet pepper, 105,000 tomato, and 105,000 cucumber seedlings) produced by the nine Vegetable Technologies Project-supported greenhouse farmer-grantees. Also, during the second quarter of FY 2016, the Agriculture and Water Activity's technical teams will provide trainings to the selected vulnerable women-farmers to prepare soil in their backyard plots to maximize the output from vegetable seedlings they receive in April 2016.

During the period: January 11 – 15, 2016, the Vegetable Technologies Project, with support from MASHAV – Israel's Agency for International Cooperation, will host two Israeli experts in greenhouse construction and greenhouse vegetable production. After completing a field-based study of the existing conditions of greenhouse and open field vegetable production in the ZOI, the Israeli experts will provide recommendations to the Vegetable Technologies Project, Agriculture and Water Activity, and USAID to advance the design of greenhouse construction using locally-sourced materials, as well as improve greenhouse production of seedlings and vegetables.

Based on the recommendations provided by the Israeli experts, the Vegetable Technologies Project intends to construct new greenhouses in the backyards of women-farmers selected by the Agriculture and Water Activity. In March 2016, the Agriculture and Water Activity will purchase and delivery up to 25,000 sweet pepper, tomato and cucumber seedlings, which will be transplanted in the newly-constructed greenhouses and in the existing greenhouses of the Vegetable Technologies Project's farmer-grantees. The Agriculture and Water Activity's technical teams will conduct training and provide technical assistance in greenhouse vegetable production to the women-farmers throughout the vegetables' production cycles.

A.2.2 TUNNEL GREENHOUSE VEGETABLE SEEDLING PRODUCTION

In January 2016, the Agriculture and Water Activity will announce a RFQ and identify a local input supplier to supply up to 80,000 certified hybrid vegetable seeds, substrate, vegetable seedling trays and containers, polyethylene film covers, and tunnel greenhouse frames and wires to establish demonstrations of modern techniques of vegetable seedling production under tunnel greenhouses. The Agriculture and Water Activity, together with the Women's Entrepreneurship for Empowerment Project, will identify up to 20 women-farmers in eight districts of the ZOI to host the tunnel greenhouse demonstrations. The Agriculture and Water Activity's and Women's Entrepreneurship for Empowerment Project's technical teams will provide training and technical assistance to the tunnel greenhouse women-farmers throughout the second quarter of FY 2016 to support the production of quality sweet pepper and tomato seedlings.

A.3 ORCHARD PRODUCTION

Quarter two initiatives will focus on the Agriculture and Water Activity's orchard specialists and Farmer-to-Farmer international volunteers providing continued support to orchardists to improve their understanding of orchard care, pest protection and prevention, as well as establishing skilled service providers able to provide high quality services such as pruning, grafting, IPM and other critical orchard needs.

A.3.1 FRUIT ORCHARD MANAGEMENT

In February 2016, the Agriculture and Water Activity will host and organize a training on modern techniques of fruit orchard management, IPM, fertilization, and disease prevention for public and private sector extension agents and farmers. The training will be administered by the international agricultural input supplier Syngenta and will enable fruit orchard farmers will to gain knowledge on the benefits of using certified crop protection products.

Also, during the second quarter of FY 2016, the Agriculture and Water Activity will identify and train interested individuals to provide commercial pruning, grafting, IPM, fertilization, irrigation, and/or intercropping services for tree fruit farmers in the ZOI. The Agriculture and Water Activity will partner with the Farmer-to-Farmer Program and recruit international volunteers to conduct customized trainings to increase the skills, knowledge, and capacities of the selected individuals to offer quality fruit orchard management services.

A.4 DAIRY PRODUCTION

Support to improved dairy production, as well as developing a roadmap for the future of the dairy industry in Tajikistan is rooted in localized interventions to increase quantity and quality in the short-run, while establishing the needs for medium and long term sector growth. Through cascaded trainings, Agriculture and Water Activity staff, supported by other local networks, will train households throughout the ZOI on short-term methods to improve quantity and quality, with the long-term goal of increasing consumption and also linking household production to the dairy industry.

A.4.1 CATTLE CARE AND HYGIENE

During the second quarter of FY 2016, the Agriculture and Water Activity's dairy specialists will conduct a training of trainers (ToT) program for the Agriculture and Water Activity's extension home economists and Health and Nutrition Activity's field coordinators and community health educators on proper hygienic techniques in caring for cattle, as well as collecting and processing milk. The Agriculture and Water Activity's extension home economists and Health and Nutrition Activity's field coordinators and community health educators will then disseminate this information by organizing and conducting trainings and distributing instructional brochures on dairy hygiene to women in the ZOI.

A.4.2 HERD GENETICS

Beginning in the second quarter of FY 2016, the Agriculture and Water Activity's dairy specialists will perform a SWOT analysis and develop a roadmap to improve herd genetics in the ZOI.

A.4.3 DAIRY PROCESSING

Beginning in the second quarter of FY 2016, the Agriculture and Water Activity's dairy specialists will conduct a comprehensive assessment of the state of private sector dairies in the ZOI. The Agriculture and Water Activity will also investigate the potential of developing "out-growers" for local milk producers where dairies provide improved inputs for guaranteed delivery of improved milk from local producers.

A.5 WATER MANAGEMENT AND AVAILABILITY

Quarter two activities set the baseline for initiatives that will continue throughout the remainder of the year. Building on first quarter WUA assessments, the Agriculture and Water Activity will finalize WUA capacity assessments, develop and implement capacity building initiatives, and also increase WUA accountability to their members through improved monitoring systems placed within the catchment area.

A.5.1 WUA AND FWUA CAPACITY DEVELOPMENT

During the second quarter of FY 2016, the Agricultural and Water Activity's water technical team will conduct capacity assessments of an additional 18 WUAs in seven ZOI districts, including: Qubodiyon, Shahritus, Nosiri Khisrav, Vakhsh, Bokhtar, Khuroson, and Qumsangir. Based on the results of these assessments and the capacity assessments conducted during the first quarter of FY 2016, the water technical team will design customized training materials for each WUA and/or FWUA that will be targeted by the Agriculture and Water Activity.

A.5.2 INTRODUCE NEW TECHNOLOGIES FOR WUAS AND FWUAS

During the second quarter of FY 2016, the Agricultural and Water Activity will announce an RFP to identify a licensed service provider to conduct a survey of the needs of WUAs for water measuring devices and gates in the seven aforementioned districts of the ZOI. The selected service provider will be responsible for identifying the types of water measuring devices and gates needed by each WUA, determining the optimal locations for the installation of the water measuring devices and gates, preparing designs of the water measuring devices and gates and cost estimates for the procurement and installation of the water measuring devices and gates, and determining the number of hectares that will be served by each water measuring device and gate.

A.6 OTHER ACTIVITIES

A.6.1 BASELINE SURVEY

After announcing an RFP in late December 2015, in the second quarter of FY 2016 the Agriculture and Water Activity will select and sign a subcontract with a local service provider to design and administer a smallholder farmers and households survey, which will be used to obtain baseline, midterm, and/or final data across the ZOI over the life of the Agriculture and Water Activity. During the second quarter of FY 2016, the subcontractor will be expected to design the survey, as well begin collecting information and data for the baseline survey.

A.6.2 WEB-BASED M&E MANAGEMENT PLATFORM

Beginning in the second quarter of FY 2016, the Agriculture and Water Activity will collaborate with Chemonics International Inc. and DevResults to design a project-specific, web-based monitoring and evaluation (M&E) data management platform that the Agriculture and Water Activity will use to upload and consolidate data, as well as produce customized reports in support of the project's performance indicators. This system, as part of Chemonics' corporate approach to M&E, will not require program costs to establish, other than minimal LOE for technical support and training project staff on its use and maintenance.

B. KEY PUBLIC EVENTS

On January 29, 2016, the Agriculture and Water Activity will host the project's launch event at the Hotel Ramz in Qurghonteppa. Deputy Assistant Administrator for USAID's Asia Bureau - Ann Marie Yastishock, USAID Mission Director for Central Asia - George Deikun, USAID/Tajikistan Country Director - Kathleen MacDonald, as well as representatives of the federal government and Khatlon provincial government are expected to attend the project launch event.

ANNEX A. INDICATOR DATA TABLE

№	Indicator	FTF Indicator №	Unit	Quarterly Actuals				FY 2016 Target
				Q1	Q2	Q3	Q4	
1	Gross margin per hectare, animal or cage of selected product	4.5 (16,17,18)	Percent (USD/hectare USD/animal)	\$0				5%
2a	Number of hectares under improved technologies or management practices as a result of USG assistance (Agriculture)	4.5.2 (2)	Hectares	0				3,000
2b	Number of hectares under improved technologies or management practices as a result of USG assistance (Water)	4.5.2 (2)	Hectares	0				0
3	Number of farmers and others who have applied new technologies or management practices as result of USG assistance	4.5.2 (5)	Number	0				6,000
		Female		0				4,200
		Male		0				1,800
4	Number of individuals who have received USG supported short-term agricultural sector productivity or food security training	4.5.2 (7)	Number	551				6,000
		Female		314				4,200
		Male		237				1,800
5	Number of food security private enterprises (for profit), producers' organizations, water users' associations, women's groups, trade and business associations, and CBOs receiving USG assistance	4.5.2 (11)	Number	0				30
6	Number of vulnerable households benefiting directly from USG assistance	4.5.2 (14)	Number	0				1,000
7	Value of incremental sales (collected at farm-level) attributed to Feed the Future implementation	4.5.2 (23)	US Dollars	\$0				\$150,000

8	Number of people implementing risk-reducing practices/actions to improve resilience to climate change as a result of USG assistance	4.5.2 (34)	Number	0				4,000
		Female		0				
		Male		0				
9	Value of new private sector investment in the agriculture sector or food chain leveraged by Feed the Future implementation	4.5.2 (38)	US Dollars	\$0				\$25,000
10	Number of private enterprises, producers' organizations, water users' associations, women's groups, trade and business associations and community-based organizations (CBOs) that applied improved technologies or management practices as a result of USG assistance	4.5.2 (42)	Number	0				6
11	Number of firms (excluding farms) or Civil Society Organizations (CSOs) engaged in agricultural and food security-related manufacturing and services now operating more profitably (at or above cost) because of USG assistance	4.5.2 (43)	Number	0				6

ANNEX B. SUCCESS STORY

During the first quarter of implementation, the Agriculture and Water Activity's interventions were primarily focused on announcing procurement initiatives (RFPs, RFQs, and EOIs), establishing partnerships with USAID implementing partners to promote extended season vegetable production, administering trainings in fruit orchard management in partnership with the Farmer-to-Farmer Program, and conducting capacity assessments of WUAs in the ZOI. The results and impact of these interventions will become quantifiable later in the Agriculture and Water Activity's implementation. Therefore, the Agriculture and Water Activity does not have a success story to share with USAID for the first quarter of FY 2016.

ANNEX C. STATUS OF ENVIRONMENTAL COMPLIANCE ACTIVITIES

During the reporting period, the Agriculture and Water Activity submitted to USAID an approval request for an environmental specialist to conduct a short-term assignment to support the Agriculture and Water Activity in developing an Activity-specific Environmental Manual (EM), Framework Environmental Mitigation and Monitoring Plan (FEMMP), and an updated Pesticide Evaluation Report and Safer Use Action Plan (PERSUAP) or programmatic PERSUAP (P-PERSUAP).

At the close of the first quarter, the Agriculture and Water Activity finalized the Activity's Commodities List that lists the agricultural commodities that the Agriculture and Water Activity may procure during FY 2016.

Also, during the reporting period, the Agriculture and Water Activity was finalizing an Environmental Review Checklist to identify potential environmental impacts of the Agriculture and Water Activity's, Vegetable Technologies Project's, and Women's Entrepreneurship for Empowerment Project's joint initiatives to introduce greenhouse and open field vegetable seedling and vegetable production using modern techniques and technologies.

ANNEX D. ADMINISTRATIVE / STAFFING ISSUES

During the reporting period, the Agriculture and Water Activity did not face any administrative or staffing issues.

ANNEX E. WRITTEN TRAINING MATERIALS OR CONSULTANT DELIVERABLES

During the reporting period, the Agriculture and Water Activity did not generate or receive any written reports or training materials.



www.feedthefuture.gov