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## USAID/OFDA Proposal Guidelines Agriculture & Food Security PIRS

February 2018

### Sub-sectors

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<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Fisheries and Aquaculture
<b>Mandatory Indicator:</b> Number of people benefiting from fisheries/aquaculture activities	
<b>INDICATOR DESCRIPTION</b>	
<p><b>Definition(s)</b> This indicator counts the number of people that receive goods, participate in, or otherwise are directly assisted by USAID/OFDA-funded project interventions that help them</p> <ul style="list-style-type: none"><li>• Catch</li><li>• Harvest</li><li>• Sustainably manage, or</li><li>• farm</li></ul> <p>fish, crustaceans, mollusks, and other aquatic organisms in fresh or salt water. This does not include secondary beneficiaries such as related household members or community members.</p>	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of individuals	
<b>Disaggregated by:</b> Sex	
<b>Suggested Data Collection Method:</b> Collect data from beneficiary lists, assessment and/or surveys, routine monitoring, and project records.	
<b>Suggested Data Source:</b> Beneficiary lists, assessment and/or survey data, routine	

monitoring, and project records

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Fisheries and Aquaculture
<b>Mandatory Indicator:</b> Number of fisheries/aquaculture productive assets reconstructed/repaired	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of infrastructure or material resources rebuilt to their original or higher standards; or restored to working order. Examples: Warehouse, pier, market, pond, or fish habitat. In the case of multiple repairs within a single asset (e.g., several docks within a single pier), the single asset is counted as one repair. If several docks were repaired in a single pier, you report one productive asset repaired. The infrastructure or material resources must be for use by an individual or community for catching, harvesting, managing, increasing natural productivity, or farming fish, crustaceans, mollusks, and other aquatic organisms in fresh or salt water.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of assets	
<b>Disaggregated by:</b> Type <ul style="list-style-type: none"><li>• Household fishing/aquaculture assets (e.g., pond, hydroponic system, drying rack)</li><li>• Community marketing infrastructure and assets (e.g., warehouse, fish market, cleaning ground, cold storage)</li><li>• Community fishing infrastructure and assets (e.g., pier, dock, boat)</li><li>• Other</li></ul>	
<b>Suggested Data Collection Method:</b> Collect data from lists, receipts, ledgers, and/or project records.	
<b>Suggested Data Source:</b> Lists, receipts, ledgers and/or project records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Fisheries and Aquaculture

<b>Mandatory Indicator:</b> Quantity of aquatic resources harvested	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator finds the average by first taking the total quantity (in kilograms [kg]) of aquatic organisms (fish, crustaceans, mollusks, and any other animal that spends at least part of its time in water) harvested, grown, or gathered for consumption or sale. The average is calculated over a one-month period covering all USAID/OFDA beneficiary households, or a representative sample, divided by the number of beneficiary households.	
<b>Numerator:</b> Quantity of aquatic organisms harvested in one month, among all beneficiaries, in kg	
<b>Denominator:</b> Number of beneficiary households	
<b>Unit of Measure:</b> kg/household/month	
<b>Disaggregated by:</b> Type <ul style="list-style-type: none"> <li>• Fish (e.g., cod, tilapia)</li> <li>• Cephalopods (e.g., squid, octopus)</li> <li>• Gastropods and bivalves (e.g., snail, clam)</li> <li>• Crustacean (e.g., lobster, shrimp)</li> <li>• Amphibian (e.g., salamanders, frogs)</li> <li>• Other</li> </ul>	
<b>Suggested Data Collection Method:</b> Collect data from surveys or official statistics at two time points, before start of the project (baseline) and at end of project (or other established interval).	
<b>Suggested Data Source:</b> Survey or official government statistics specific to area of intervention	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Fisheries and Aquaculture
<b>Optional Indicator:</b> Number of people trained in fisheries/aquaculture	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the individuals who directly received USAID/OFDA-funded education or instruction on topics having to do with catching, harvesting, sustainably	

managing or farming fish, crustaceans, mollusks, and other aquatic organisms in fresh or salt water.

**Training** is defined as sessions in which participants are educated according to a defined curriculum and set learning objectives. Sessions that could be informative or educational, such as meetings, but do not have a defined curriculum or learning objectives are not counted as training. Only people who complete the entire training course are counted for this indicator.

**Numerator:** N/A

**Denominator:** N/A

**Unit of Measure:** Number of individuals

**Disaggregated by:** Sex

**Suggested Data Collection Method:** Tally people trained from sign-in sheet for each day of course.

**Suggested Data Source:** Course participant lists

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Livestock
<b>Mandatory Indicator:</b> Number of people benefiting from livestock activities	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of people that receive goods, participate in, or otherwise are directly assisted by USAID/OFDA-funded project interventions that help them rear domesticated animals to produce commodities such as meat, milk, fiber, or traction. This does not include secondary beneficiaries such as related household members or community members.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of individuals	
<b>Disaggregated by:</b> Sex	
<b>Suggested Data Collection Method:</b> Primary data collection: Count and record the number of people who directly received livelihoods restoration assistance.	

**Suggested Data Source:** Beneficiary lists and/or ledgers, assessment and/or survey data, and project records

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Livestock
<b>Mandatory Indicator:</b> Number of animals benefiting from livestock activities	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of domesticated animals that benefit as a result of their owners receiving goods, participating in, or otherwise being directly assisted by USAID/OFDA-funded project interventions. This does not include secondary beneficiaries such as related household members or community members.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of animals	
<b>Disaggregated by</b> Type <ul style="list-style-type: none"> <li>• Cattle and buffalo</li> <li>• Camelids (e.g., camels, llamas)</li> <li>• Goats and sheep</li> <li>• Poultry (e.g., chickens, ducks)</li> <li>• Horses, donkeys and mules</li> <li>• Swine (pigs)</li> <li>• Micro-stock (e.g., rabbits, guinea pigs, cane rats)</li> <li>• Bees (queen or colony)</li> <li>• Farmed wildlife (e.g., zebra, eland)</li> <li>• Other</li> </ul>	
<b>Suggested Data Collection Method:</b> Primary data collection: Count, verify, and record the number of animals.	
<b>Suggested Data Source:</b> Distribution lists and/or ledgers, assessment and/or survey data, and project records	

<b>SECTOR</b>	Agriculture and Food Security

<b>SUB-SECTOR</b>	Livestock
<b>Mandatory Indicator:</b> Number of animals owned per individual	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of domestic animals owned by individuals who have directly benefited from USAID/OFDA-funded project interventions (not including secondary beneficiaries such as related household members or community members). Animals are defined as any non-aquatic organism reared to produce commodities, including birds, mammals, reptiles, etc. An animal is considered owned if it possessed by a person who has full claim to that animal.	
<b>Numerator:</b> All livestock owned	
<b>Denominator:</b> All beneficiaries	
<b>Unit of Measure:</b> animal/individual	
<b>Disaggregated by:</b> Type <ul style="list-style-type: none"> <li>• Cattle and buffalo</li> <li>• Camelids (e.g., camels, lamas)</li> <li>• Goats and sheep</li> <li>• Poultry (e.g., chickens, ducks)</li> <li>• Horses, donkeys and mules</li> <li>• Swine (pigs)</li> <li>• Micro-stock (e.g., rabbits, guinea pigs, cane rats)</li> <li>• Bees (queen or colony)</li> <li>• Farmed wildlife (e.g., zebra, eland)</li> <li>• Other</li> </ul>	
<b>Suggested Data Collection Method:</b> Collect data from survey or government statistics at two time points, before start of the project (baseline) and at end of project (or other established interval).	
<b>Suggested Data Source:</b> Survey or official government statistics specific to area of intervention	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Livestock
<b>Optional Indicator:</b> Number of people trained in livestock	

INDICATOR DESCRIPTION
<b>Definition(s)</b> This indicator counts the individuals who directly received USAID/OFDA-funded training on topics having to do with domesticated animals raised to produce commodities such as meat, milk, fiber, and traction. Training is defined as sessions in which participants are educated according to a defined curriculum and set learning objectives. Sessions that could be informative or educational, such as meetings, but do not have a defined curriculum or learning objectives are not counted as training. Only people who complete the entire training course are counted for this indicator.
<b>Numerator:</b> N/A
<b>Denominator:</b> N/A
<b>Unit of Measure:</b> Number of individuals
<b>Disaggregated by:</b> Sex
<b>Suggested Data Collection Method:</b> Tally people trained from sign-in sheet for each day of course.
<b>Suggested Data Source:</b> Course participant lists

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Pests and Pesticides
<b>Indicator:</b> Number of people trained in appropriate crop protection practices	
INDICATOR DESCRIPTION	
<b>Definition(s)</b> This indicator accounts for the number of beneficiaries who directly received USAID/OFDA-funded training on topics having to do with how to properly identify, remove and/or kill plant pests or remove plant diseases manually and/or using tools, such as natural pest control materials. Training is defined as sessions in which participants are educated according to a defined curriculum and set learning objectives. Sessions that could be informative or educational, such as meetings, but do not have a defined curriculum or learning objectives are not counted as training. Only people who complete the entire training course are counted for this indicator.	
<b>Numerator:</b> N/A	

<b>Denominator:</b> N/A
<b>Unit of Measure:</b> Number of individuals
<b>Disaggregated by:</b> Sex
<b>Suggested Data Collection Method:</b> Direct counting of people trained; observation of beneficiary performances; collection of data from government statistics
<b>Suggested Data Source:</b> Monitoring records, beneficiary notes, MoA/Gov data

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Pests and Pesticides
<b>Indicator:</b> Number and percentage of hectares protected against disease or pest attacks	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator measures partner-supported crop fields that were not damaged or significantly affected by pest and/or disease attacks. It should be used during outbreaks to measure which fields that were treated were unaffected by the outbreak due to the USAID/OFDA-funded prevention measures. Areas protected against disease or pest are those that did not suffer crop losses from the outbreak.	
<b>Numerator:</b> Total number of hectares of treated crops that were not affected by disease or pest attacks	
<b>Denominator:</b> Total hectares of crops treated in the project areas	
<b>Unit of Measure:</b> Hectare	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Direct inspection, beneficiary notes, MoA/Gov data	
<b>Suggested Data Source:</b> Field assessment and/or survey data; beneficiary notes; MoA/Gov data; project records	





<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Pests and Pesticides
<b>Indicator:</b> Number and percentage of people practicing appropriate crop protection procedures	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator assesses the number and corresponding percentage of USAID/OFDA-trained beneficiaries that demonstrate appropriate identification, remove and/or kill pests and diseases manually and/or using natural control tools such as botanical pesticides, etc., in crop fields or storage facilities six months after receiving training.	
<b>Numerator:</b> Number and percent of people appropriately controlling or preventing pests in their crop fields or storage facilities six months after they were trained.	
<b>Denominator:</b> Total number of beneficiaries trained in appropriate pest control practices	
<b>Unit of Measure:</b> Number and percentage of individuals	
<b>Disaggregated by:</b> Sex	
<b>Suggested Data Collection Method:</b> Visual inspection of practical crop protection exercise, consultation with beneficiaries.	
<b>Suggested Data Source:</b> Training records; project records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Pests and Pesticides
<b>Indicator:</b> Percent of post-harvest loss reduced	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator estimates percentage of crops that beneficiaries have been able to protect against pests and diseases through appropriate post-harvest practices, including but not limited to drying of seeds and other produce, removing pests, diseases, infested and infected seeds and crop residue before and during storing, etc. It employs the amount harvested and put in storage facilities as the base-line data. You should collect data on stored harvest/produce available to the beneficiaries as food, to sell, save seeds for the	

next cropping season, or for other purpose.
<b>Numerator:</b> The amount, in Kg, of post-harvest crops saved by beneficiaries trained in appropriate post-harvest practices
<b>Denominator:</b> The amount, in Kg, of crops harvested by beneficiaries trained in appropriate post-harvest practices
<b>Unit of Measure:</b> Kilograms
<b>Disaggregated by:</b> N/A
<b>Suggested Data Collection Method:</b> Household visits, beneficiary reporting, MoA/Gov data; collecting base-line data from available sources and documenting quantities of crops available in storage facilities at the time of harvest; quantities of crops utilized prior to data collection should be considered as part of total harvest.
<b>Suggested Data Source:</b> Recorded baseline data; MoA/Gov data; project records

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Veterinary Pharmaceuticals and other Medical Commodities
<b>Mandatory Indicator:</b> Number of veterinary facilities out of stock of any of the veterinary medical commodity tracer products, for longer than one week	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of veterinary care providers (e.g., CAHW, vet shops) and other service delivery points out of stock of any veterinary pharmaceuticals, supplies, equipment, or other USAID/OFDA-funded commodities that are essential to the implementation of the proposed project for the length of time from receipt until the next receipt (e.g., weekly, every two weeks, monthly). You must state the delivery period. In the initial proposal you must suggest and justify three tracer products, the stock of which will be reviewed weekly and how the organization will address out of stock situations within a delivery period and longer than one delivery period.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of veterinary facilities	
<b>Disaggregated by:</b> N/A	

**Suggested Data Collection Method:** Electronic supply chain monitoring tools – bar code inventories linked to receipt at in-country, delivery to veterinary facility, and administered to animal or dispensed to owner. Last resort – bin card of stock at veterinary facility.

**Suggested Data Source:** Inventory lists maintained by lead pharmacist, veterinary shop owner and/or warehouse manager, if applicable

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Veterinary Pharmaceuticals and other Medical Commodities
<b>Mandatory Indicator:</b> Number of animals treated or vaccinated	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of domesticated animals that were directly given a pharmaceutical (e.g., antibiotic, acaricide) to cure a disease condition, or a vaccine to prevent a disease condition during a USAID/OFDA-funded intervention not including secondary beneficiaries such as untreated herd members.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of animals	
<b>Disaggregated by:</b> Type <ul style="list-style-type: none"> <li>• Cattle and buffalo</li> <li>• Camelids (e.g., camels, llamas)</li> <li>• Goats and sheep</li> <li>• Poultry (e.g., chickens, ducks)</li> <li>• Horses, donkeys and mules</li> <li>• Swine (pigs)</li> <li>• Micro-stock (e.g., rabbits, guinea pigs, cane rats)</li> <li>• Bees (queen or colony)</li> <li>• Farmed wildlife (e.g., zebra, eland)</li> <li>• Other</li> </ul>	
<b>Suggested Data Collection Method:</b> Collect data from beneficiary lists, assessment and/or surveys, routine monitoring, and project records.	
<b>Suggested Data Source:</b> Distribution lists and/or ledgers, assessment and/or survey data, and project records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Veterinary Pharmaceuticals and other Medical Commodities
<b>Mandatory Indicator:</b> Number of animal disease outbreaks	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of outbreaks, meaning occurrences affecting multiple animals in the project area, of domestic animal diseases caused by an infective organism, toxicity, nutritional deficiency, etc., by species of livestock. A single sick animal would not be considered an outbreak.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of outbreaks	
<b>Disaggregated by:</b> Type of animal <ul style="list-style-type: none"> <li>• Cattle and buffalo</li> <li>• Camelids (e.g., camels, llamas)</li> <li>• Goats and sheep</li> <li>• Poultry (e.g., chickens, ducks)</li> <li>• Horses, donkeys and mules</li> <li>• Swine (pigs)</li> <li>• Micro-stock (e.g., rabbits, guinea pigs, cane rats)</li> <li>• Bees (queen or colony)</li> <li>• Farmed wildlife (e.g., zebra, eland)</li> <li>• Other</li> </ul>	
<b>Suggested Data Collection Method:</b> Collect data from survey or government statistics at two time points, before start of the project (baseline) and at end of project (or other established interval).	
<b>Suggested Data Source:</b> Survey or official government statistics specific to area of intervention. Multiple sources of data can be used; however, the data should be cleaned to remove double reports (e.g., the same disease outbreak captured in a government database and through a survey of project households).	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Veterinary Pharmaceuticals and other Medical

	Commodities
<b>Indicator:</b> Number of people trained in veterinary medical commodity supply chain management	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator counts the number of people who directly received USAID/OFDA-funded training on topics such as the planning and management of activities involved in the identification of veterinary medical commodities (pharmaceuticals, supplies, equipment), and their quantities, sourcing, procurement, delivery, monitoring, and logistics. Training is defined as sessions in which participants are educated according to a defined curriculum and set learning objectives. Sessions that could be informative or educational, such as meetings, but do not have a defined curriculum or learning objectives are not counted as training. Only people who complete the entire training course are counted for this indicator.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of individuals	
<b>Disaggregated by:</b> Sex	
<b>Suggested Data Collection Method:</b> Tally people trained from sign-in sheet for each day of course.	
<b>Suggested Data Source:</b> Course participant lists	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Seed System Security
<b>Indicator:</b> Number of months of household food self-sufficiency as a result of seed system security programing	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> Food self-sufficiency: physical and economic access to adequate food for all household members.  The number of months is an estimate of the ability to produce, purchase, store, or otherwise maintain a level of food consumption, without external assistance or inputs	

such that members of the household are not going hungry achieved with a degree of plausible attribution to USAID/OFDA-funded activities to improve agricultural production and food security for beneficiary families.
<b>Numerator:</b> N/A
<b>Denominator:</b> N/A
<b>Unit of Measure:</b> Months of food self-sufficiency
<b>Disaggregated by:</b> N/A
<b>Suggested Data Collection Method:</b> Actual harvest data where possible. When an actual measure (pre- and post-intervention) is not feasible, a projected increase or an informed estimate is acceptable (especially based on harvest projection and area planted), since harvest may not occur within the time-frame of a proposal.
<b>Suggested Data Source:</b> Records of land areas planted with specific crops, records of usual (anticipated) harvest yields of the crops plants per unit of land area

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Seed System Security
<b>Indicator:</b> Number of people directly benefiting from seed systems/agricultural input activities	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> The number of beneficiaries of USAID/OFDA-funded seed system/agricultural input activities includes individuals who directly benefit from seed system strengthening activities as well as members in their immediate household assumed to benefit from improved livelihoods and additional food security as a result of improvements in seed system security.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of individuals	
<b>Disaggregated by:</b> Sex	
<b>Suggested Data Collection Method:</b> Collect data from beneficiary lists, assessment	

and/or surveys, routine monitoring, and project records

**Suggested Data Source:** Beneficiary lists, assessment and/or survey data, routine monitoring, and project records

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Seed System Security
<b>Indicator:</b> Percentage of households with access to sufficient seed to plant	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> Access to sufficient seed indicates that a household either has seed in hand (own stocks) or has the ability or means to get it elsewhere (from neighbors, market, agrodealers) in a timely manner to plant the farmer's normal intended planting area. This is a general measure of seed security at the household level and takes into account the full range of channels through which farmers procure seed to meet their household needs. One of these channels may be the receipt of relief seed.	
<b>Numerator:</b> Number of households with access to sufficient seed to plant	
<b>Denominator:</b> Total number of households in targeted area	
<b>Unit of Measure:</b> Percentage	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Enumeration through a field survey or assessment of a representative sample of households in the targeted community.	
<b>Suggested Data Collection Source:</b> Survey and assessment results and program records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Seed System Security
<b>Indicator:</b> Percentage change of post-harvest loss due to storage activities	

INDICATOR DESCRIPTION	
<b>Definition(s)</b> This indicator measures post-harvest loss incurred in the storage phase for both food crops and seed. Loss is defined as the inability to use grain for its intended purpose – be that sale, consumption or planting. It compares baseline data as an estimate for post-harvest losses in the community as a whole under current storage treatments compared to that of the USAID/OFDA-supported beneficiaries that have implemented improved post-harvest handling treatment and storage. This indicator encourages estimating percentage of stored produce available to the beneficiary for intended use, to sell, etc., post-harvest and when needed.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Household (estimated) percentage loss by crop based on storage model	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Household visits, beneficiary reporting, MoA/Gov data, collecting baseline data from available sources	
<b>Suggested Data Source:</b> Both baseline and post project data should be collected to record the percentage of post-harvest loss by storage mechanism. For example, the baseline may reflect a group of farmers using traditional models of storage with an average loss across the group of 25-30%. As a result of the program's storage model, the average loss recorded may be 5%.	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Improving Agricultural Production /Food Security
<b>Indicator:</b> Number of months of household food self-sufficiency as a result of improved agricultural production programming	
INDICATOR DESCRIPTION	
<b>Definition(s)</b> Food self-sufficiency is defined as physical and economic access to adequate food for all household members. The number of months is an estimate of the ability to produce, purchase, store, or otherwise maintain a level of food consumption, without external assistance or inputs such that members of the household are not going hungry achieved with a degree of plausible attribution to USAID/OFDA-funded activities to improve	



agricultural production and food security for beneficiary families.
<b>Numerator:</b> N/A
<b>Denominator:</b> N/A
<b>Unit of Measure:</b> Months of food self-sufficiency
<b>Disaggregated by:</b> N/A
<b>Suggested Data Collection Method:</b> Actual harvest data where possible. When an actual measure (pre- and post-intervention) is not feasible, a projected increase or an informed estimate is acceptable (especially based on harvest projection and area planted), since harvest may not occur within the time-frame of a proposal.
<b>Suggested Data Source:</b> Records of land areas planted with specific crops, records of usual (anticipated) harvest yields of the crops plants per unit of land area

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Improving Agricultural Production /Food Security
<b>Indicator:</b> Number of people directly benefiting from improving agricultural production and/or food security activities	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> The number of beneficiaries (real or close estimate) of USAID/OFDA-funded activities to improve agricultural production and food security. This includes the family members of those individuals who are directly involved in the agricultural production and/or food security activities. Activities may include but are not limited to training activities, demonstration plots, field days, information campaigns, provisions of inputs related to improving agricultural production or food security.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of individuals	
<b>Disaggregated by:</b> Sex	
<b>Suggested Data Collection Method:</b> Collect data from beneficiary lists, assessment	

and/or surveys, routine monitoring, and project records

**Suggested Data Source:** Beneficiary lists, assessment and/or survey data, routine monitoring, and project records

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Improving Agricultural Production/Food Security
<b>Indicator:</b> Number of hectares under improved agricultural methods	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> This indicator measures the number of hectares that receive treatment using improved agricultural methods due to USAID/OFDA-funded activities. For USAID/OFDA, the designation of “improved agricultural method” indicates methods to enhance productivity and at the same time soil/water/nutrient quality with the goal of long term system protection. These may include soil and water conservation measures (e.g., low till, no till, conservation agriculture), mechanical treatment or application of soil improvements or enrichments.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Hectares	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Physical measurement of productive area	
<b>Suggested Data Source:</b> Maps, GPS perimeter walks	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Improving Agricultural Production/Food Security
<b>Optional Indicator:</b> Percentage of households with access to sufficient seed to plant	

INDICATOR DESCRIPTION	
<b>Definition(s)</b> Access to sufficient seed indicates that a household either has seed in hand (own stocks) or has the ability or means to get it elsewhere (from neighbors, market, agrodealers) in a timely manner to plant the farmer's normal intended planting area. This is a general measure of seed security at the household level and takes into account the full range of channels through which farmers procure seed to meet their household needs. One of these channels may be the receipt of relief seed.	
<b>Numerator:</b> Number of households with access to sufficient seed to plant	
<b>Denominator:</b> Total number of households in targeted area	
<b>Unit of Measure:</b> Percentage	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Enumeration through a field survey or assessment of a representative sample of households in the targeted community.	
<b>Suggested Data Collection Source:</b> Survey and/or assessment results and project records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Irrigation
<b>Indicator:</b> Number of hectares under irrigation	
INDICATOR DESCRIPTION	
<b>Definition(s)</b> The number of hectares that receive water through any means of irrigation or controlled amount of water to plants at regular intervals through USAID/OFDA-provided funding for irrigation support.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Hectares	
<b>Disaggregated by:</b> N/A	

<b>Suggested Data Collection Method:</b> Physical measurement of land
<b>Suggested Data Source:</b> Maps, GPS perimeter walks of fields irrigated

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Irrigation
<b>Indicator:</b> Number of people directly benefiting from irrigation activities	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> The total number of individuals and their family members whose livelihoods are directly tied to irrigation and have been assisted thanks to USAID/OFDA-funded programming.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Number of individuals	
<b>Disaggregated by</b> <ul style="list-style-type: none"> <li>• Sex, and</li> <li>• Age group               <ul style="list-style-type: none"> <li>○ 0-17</li> <li>○ 18-49</li> <li>○ 50+</li> </ul> </li> </ul>	
<b>Suggested Data Collection Method:</b> Collect data from beneficiary lists, assessment and/or surveys, routine monitoring, and project records	
<b>Suggested Data Source:</b> Beneficiary lists, assessment and/or survey data, routine monitoring, and project records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Irrigation
<b>Indicator:</b> Length of irrigation system implemented	

INDICATOR DESCRIPTION	
<b>Definition(s)</b> Length is defined as the sum of the measurements of all irrigation canals, irrigation pipes, drip tapes, etc. funded through the USAID/OFDA program. This should include any new infrastructure installed together with any former irrigation systems renovated.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Kilometers	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Measure the lengths of irrigation with measuring tapes, GPS walks, maps.	
<b>Suggested Data Source:</b> Maps, GPS data; project records	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Irrigation
<b>Indicator:</b> Percentage of households with access to irrigation	
INDICATOR DESCRIPTION	
<b>Definition(s)</b> This indicator refers to finding and utilizing a controlled amount of water (e.g., through drip tapes, canals, spray) to plants at regular intervals for agriculture as needed.	
<b>Numerator:</b> All households now able to irrigate agriculture targeted by the project.	
<b>Denominator:</b> Total number of households in targeted area	
<b>Unit of Measure:</b> Percentage (numerator divided by denominator)	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Direct observation, farmer reporting, government statistics	
<b>Suggested Data Source:</b> Monitoring records, beneficiary assistance notes, table of receipts, assessment/survey data	

<b>SECTOR</b>	Agriculture and Food Security
<b>SUB-SECTOR</b>	Irrigation
<b>Indicator:</b> Number of months of household food self-sufficiency	
<b>INDICATOR DESCRIPTION</b>	
<b>Definition(s)</b> See indicator under “Improving Agricultural Production /Food Security”. Food self-sufficiency is defined as physical and economic access to adequate food for all household members. The number of months is an estimate of the ability to produce, purchase, store, or otherwise maintain a level of food consumption, without external assistance or inputs such that members of the household are not going hungry achieved with a degree of plausible attribution to USAID/OFDA-funded irrigation activities to beneficiary families.	
<b>Numerator:</b> N/A	
<b>Denominator:</b> N/A	
<b>Unit of Measure:</b> Household (Estimated count of months of food self-sufficiency)	
<b>Disaggregated by:</b> N/A	
<b>Suggested Data Collection Method:</b> Actual harvest data where possible. When an actual measure (pre- and post-intervention) is not feasible, record the amount of seed planted by crop as well as the land area planted, a projected increase or an informed estimate is acceptable, since harvests with USAID/OFDA-distributed seed may not occur within the time-frame of a proposal.	
<b>Suggested Data Source:</b> Government and/or project records of land areas planted with specific crops. Government and/or project records of usual (anticipated) harvest yields of the crops plants per unit of land area.	