

## Performance Measurement Framework Example – Agriculture Food Security Project

Expected Results	Indicator	Baseline Data	Targets	Data Sources	Data Collection Methodology	Frequency of Data Collection	Population covered	Who is Responsible
<b>Ultimate Outcome:</b> Improve the food security of 500 drought affected households in X region								
<b>Intermediate Outcomes (Medium term)</b>								
Increased agricultural production	Kg of maize harvested per hectare	300 kg/ha	600 kg/ha	Farmers	Post-harvest survey of 45% <sup>1</sup> of participant households randomly selected	Once, after harvest	500 households	Project Officer
	Kg of maize harvested per household	450 kg per household	900 kg per household					
	Kg of cassava produced per household	0	100 kg	Farmers				
Increased proportion of annual household food needs produced	Average number of months that households meet food needs from own production	6 months	10 months	Farmers	Post harvest focus group discussions	Once, after harvest	500 households	Project Officer
<b>Immediate Outcomes (Short term)</b>								
Increased adoption of improved agricultural production methods	% of farmers who planted maize at the recommended planting density	20%	80%	Farmers	Farm Survey: One month after planting, field staff visit 45% of farmer fields randomly selected to record data	One time per season	500 farmers	Project Officer
	% of farmers who made and applied compost to maize field	0%	80%					
Increased planting of drought tolerant crops	% of farmers with a cassava plot at least 10 m x 10 m	0%	80%					
<b>Outputs</b>								
Maize seed, tools (hoes) and cassava bundles distributed	Number of farmers that received 10 kg of maize seed	N/A	500 farmers	Distribution records	Review of distribution records	One time after distribution	500 farmers	Project Assistant
	Total kg of maize seed distributed	N/A	5,000 kg					
	Number of farmers that received hoes	N/A	500 farmers					
	Total number of hoes distributed	N/A	500 hoes	Distribution records	Review of distribution records	One time after distribution	50 farmers	Project Assistant
	Number of farmers that received 6 bundles of cassava stems	N/A	50 farmers					
Total number of bundles of cassava stems distributed	N/A	300 bundles						
Farmer trainings on crop management and drought tolerant crops completed	Number of trainings completed	N/A	10 trainings	Field staff record books	Review field staff record books	One time	500 farmers	Project Assistant
	Number of training participants	N/A	500 farmers					
Farmer visits conducted	Number of follow-up farmer visits by field staff	N/A	250 farmer visits	Field staff record books	Review field staff record books	One time	500 farmers	Project Assistant
Field days organized	Number of field days	N/A	5 field days	Field staff record books	Review field staff record books	One time	500 farmers	Project Assistant

<sup>1</sup> Sample size percentages depend on target population size. To calculate the sample size, use a sample size calculator (i.e.: <http://www.raosoft.com/samplesize.html>) with an error margin of 5% and confidence level of 95%.

<sup>2</sup> This intervention is only for 50 of the 500 households as a pilot project for cassava introduction.