



UgIFT
**MICRO-SCALE
IRRIGATION PROGRAM**
Improving farmers' livelihood

PART 2

A GUIDE FOR SMALLHOLDER FARMERS:

What happens after I submit an Expression of Interest to the Program?
What is the farm visit?

AUGUST 2020



Farmer's name: _____

Phone number: _____



**MINISTRY OF AGRICULTURE
ANIMAL INDUSTRY &
FISHERIES**



Ministry Mission:
"To transform subsistence farming
to commercial agriculture"

THE MICRO-SCALE IRRIGATION PROGRAM

Welcome!

This brochure is for smallholder farmers who have submitted an Expression of Interest to the Micro-scale Irrigation Program. This brochure is Part 2 of a series of brochures that will guide you through the Program. This brochure includes information about what happens after you submit an Expression of Interest. It will also show you how to get ready for your farm visit.



Your Farmer Unique ID: _____



Photo: Stephan Gladieu / World Bank

What is micro-scale irrigation?

Irrigation is to supply water for crop production in addition to rainfall.

Micro-scale irrigation is when a farmer irrigates a small plot. For example, a farmer can use a pump to take water from a nearby stream, and a hose to distribute the water in the plot.

Irrigation can help you grow crops all year. You can grow with or without rain. You can plant before the rains start. You can water extra crops during the dry season. This means you may grow more food. You may also grow different kinds of food. You may have more food to eat. You may have more food to sell.

What is the Micro-scale Irrigation Program?

The Micro-scale Irrigation Program helps you buy and use irrigation equipment. Micro-scale irrigation equipment is privately owned.

The Program is led by the Department of Agricultural Infrastructure Mechanization and Water For Agricultural Production of The Ministry of Agriculture, Animal Industry and Fisheries (MAAIF). The Program is run by the District.





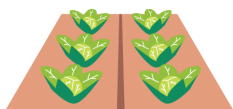





Photo: Arne Hoel / World Bank



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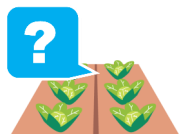
WHAT HAPPENS AFTER I SUBMIT AN EXPRESSION OF INTEREST?

These are the steps that happen after you submit an Expression of Interest to the Program:

-  You will receive a telephone call from the District or Sub-county Officer.
-  You and the District or Sub-county Officer will decide on a convenient date and time for your farm visit.
-  The District or Sub-county Officer will visit your farm to assess your water and land resources, as well as to discuss your business plan. You will choose the type of irrigation equipment you want to use.
-  If you decide to continue with the Program, you will sign an agreement to allow the District to ask for quotes from irrigation equipment suppliers on your behalf.
-  Irrigation equipment suppliers will give their quotes to the District for the type of irrigation equipment of your choice. The District will select the lowest quote.
-  If you decide to accept the quote, you will pay your contribution at the District office and sign a memorandum of understanding with the District. The District and the irrigation equipment supplier will sign a contract and the District will purchase your irrigation equipment on your behalf.
-  The irrigation equipment supplier will install your irrigation equipment on your farm. You and the District or Sub-county Officer will be present.
-  You will be trained on how to use the irrigation equipment. You will learn about when and how to water your crops.

If you expressed interest in the Program in July 2020, you can expect the installation of your irrigation equipment as early as October 2021.

WHAT HAPPENS DURING THE TELEPHONE CALL?



The Officer will ask questions about the location of your land.

Where is your land?

District _____

Sub-county _____

Parish _____

Village _____

Is the land in a wetland (swamp), forest, park, or other protected land?

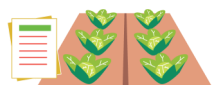
☐ Yes ☐ No ☐ I don't know

Is the land close to a river or a lake?

☐ Yes ☐ No ☐ I don't know

Is the land in an urban area, or in an area zoned for urban expansion or other development?

☐ Yes ☐ No ☐ I don't know



The Officer will ask questions about your land tenure status and documents.

☐ Ownership:

☐ Titles – Freehold

☐ Certificate of Customary Ownership (CCO)

☐ Bibanja

☐ I don't have a document. I will request a letter from the Sub-county Chief or LC1

☐ Rental:

☐ Rental or lease agreement

☐ Letter from the owner countersigned by the Sub-county Chief or LC1

☐ I don't have a document. I will request a letter from the Sub-county Chief, LC1, LC1 farmer, or the local government



The Officer will ask questions about your water source.

What is the distance from the water source to the land to be irrigated?

_____ meters ☐ I don't know

What kind of water source do you want to use?

☐ Surface water ☐ I don't know

☐ Groundwater



You will agree on date and time of the farm visit.

Given name and surname of the Officer: _____

Officer phone number: _____

Date of the visit: _____

Time of the visit: _____

ABOUT THE FARM VISIT



Why is the farm visit important?

Changing from rainfed agriculture to irrigated agriculture will have a big impact on your livelihood.

Micro-scale irrigation can help you grow crops all year. You may grow crops during the dry season. You may grow crops when market values are higher. You may produce horticultural crops.

The District or Sub-county Officer will help you better understand the changes that may occur when you introduce a micro-scale irrigation system on your farm.



Who needs to be present during the farm visit?

You need to be present during the entire farm visit.

If you are a married male farmer, you need to ensure that your wife is also present. Your wife will have an important role in helping on the farm once irrigation will be introduced. Ensure that you schedule the visit at a convenient time for your wife. This means you may need to make arrangements for childcare so that your wife can be present.



How do I prepare for the farm visit?

Collect or prepare your land rental or ownership documents. The Officer will review these documents during the farm visit.



3 hours

How long is the farm visit?

The farm visit takes about three hours.



What happens during the farm visit?

The Officer will ask about:

1. Your land.
2. Your land tenure.
3. Your water supply.
4. Your crop production and marketing plan.

WHAT HAPPENS DURING THE FARM VISIT?

The Officer may ask the questions on this page during your farm visit. This page will help you think of the answers to prepare for the farm visit.



The Officer will ask questions about your land.

These questions will help the Officer understand the area you want to irrigate, the slope, and the type of soil. The Officer will also take pictures of your land and take the geographical coordinates of your land.



The Officer will ask you questions about your land tenure status and documents.

The Officer will review your land tenure documents. These documents show the Officer that you own or rent the land. Tell the Officer if you do not have land tenure documents. The Officer will tell you how to obtain the documents you need.



The Officer will ask questions about your water source.

These questions will help the Officer understand how you access your water source, if it is available all year, if there is any conflict over water, and about its quality. The water source needs to be within 700 meters of the farm to be eligible for the Program.



The Officer will ask questions about your business plan.

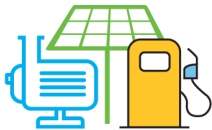
These questions will help the Officer understand why you want to irrigate your farm. The Officer will find out what problems you have, and how irrigation may help. The Officer will find out what crops you want to grow using irrigation. Tell the Officer if you have any experience with irrigation.

Tell the Officer what you plan to do with your crops. Do you plan to sell them? Do you plan to consume them?

ABOUT THE IRRIGATION EQUIPMENT

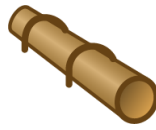
How do I choose the irrigation equipment?

The type of irrigation equipment you choose is based on your water, land, and business plans. You may also have a preference for a certain type of equipment. The Officer will help you with this decision. Here are three important parts of your irrigation system:



1. The pump:

- ☐ Solar ☐ Petrol/Diesel
☐ I don't know



2. Small pipe to transport water to the field



3. On-farm distribution system:

- ☐ Hose ☐ Sprinkler
☐ Drip ☐ I don't know

How much does the irrigation equipment cost?

The cost of the irrigation equipment depends on different factors. Your farm situation includes your water source and land.

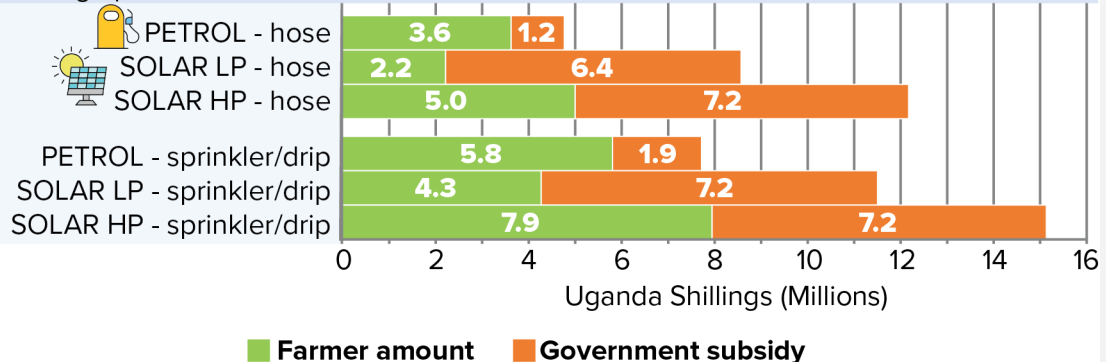
The cost also depends on the type of irrigation equipment you choose. The Officer will tell you the **indicative** cost for different types of equipment. The Officer will explain how much you need to pay, and how much the government will pay for different types of equipment.

Are you willing to make the co-payment for the irrigation equipment? ☐ Yes ☐ No ☐ I don't know

1 ACRE system

LP = low pressure

HP = high pressure



These prices are **indicative**. It will only be possible to calculate your exact contribution when the quotes are received for your farm.



Photo: World Bank

Signing an application at the end of the farm visit

You need to sign an application if you want to proceed with the Program. The Officer will show you the application. The application will allow the District to ask for quotes from irrigation equipment suppliers on your behalf. The application includes information about:



- Your co-payment to the Local Government
- Proof of your land tenure
- The memorandum of understanding you sign with the Local Government.

Useful contacts

Agricultural Engineer

Given Name _____

Surname _____

Telephone number _____

District or Sub-County Officer

Given Name _____

Surname _____

Telephone number _____



You can find out more information by writing an email to **UgIFTirrigation@agriculture.go.ug**



Website: **<https://www.agriculture.go.ug/micro-scale-irrigation-program/>**

With support from:



THE WORLD BANK
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