

Solar Powered Irrigation System (SPIS)

How to go about getting the system

Invite an expert to help find the right SPIS for you- they will check:



What's your water source?
Is it ground water or surface water?



How deep down is the water?

Do you need a surface pump or a submersible pump?

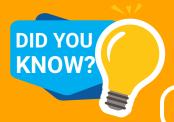


How much water will you need every day?

Based on this, they will suggest the best pump for you



The SPIS uses energy from the sun- that's free! But, it will need some investment



The setting up of an SPIS on 1 acre can cost between

\$1,000 and \$5,000

How can I finance an SPIS?

Save up money

Get financing from your farmers group, or a bank

Find a supplier that will allow you to pay in installments



Components of the system



The Solar Panel



The Controller



The Solar Pump



The Tank



The Pipes



Irrigation outlet

How it works

- The sun shines on solar panel and creates electricity
- •The electricity powers the pump which pushes water to the tank or directly to the field









