


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**

DID YOU KNOW?



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**