

Transforming
agriculture through
the power of the sun



Our Financing Partner





The Game-Changing SunCulture AgroSolar Irrigation Kit

The AgroSolar Irrigation Kit combines solar water pumping technology with high-efficiency irrigation.

It includes everything a farmer needs to grow more while spending less.

How the AgroSolar Irrigation Kit operates

The Kit is designed to pull water from any water source (lake, river, stream, well, borehole, water harvester, etc.) using solar power.

The solar panels provide the pump's electricity directly without the need for

expensive batteries or inverters. Water is pumped into a raised water storage tank during the day. When irrigation takes place during the evening, a valve on the water tank is opened and water flows down through a filtration system and onto crop root zones via high quality irrigation tape.

The Savings are Huge!

Using a solar pump instead of a diesel or petrol, grid electric, or manual pump saves a lot. Most farmers spend up to KES 1,500 daily on fuel to operate their water pump. That leads to an annual operation cost of up to KES 547,500 on fuel!

The Initial cost

The price depends on a number of factors, including the size of your farm to be irrigated, distance to the nearest water source, the depth of the water source, and more. You can find all of our standard pricing on our website at www.sunculture.com or call us directly at +254 (0) 700 327 002.

Financing is also available at all Equity Bank branches throughout Kenya. Go directly to your nearest branch for instructions how to apply for a loan.

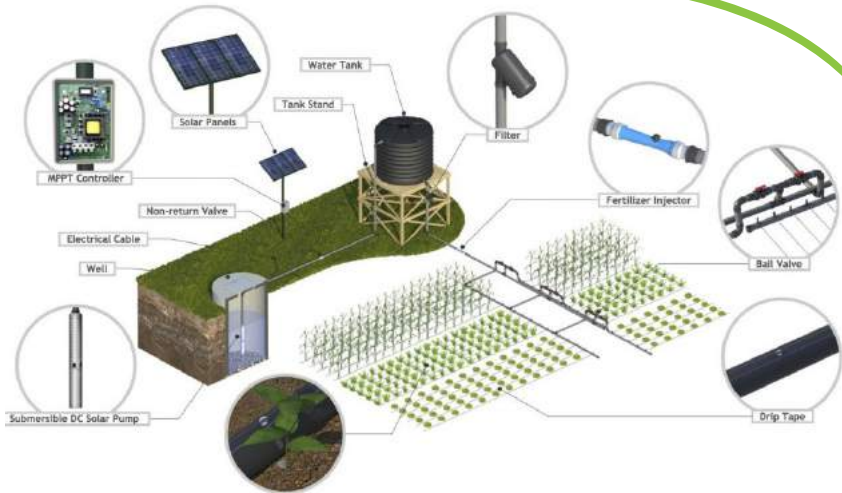
The Package

All of our irrigation kits include:

- long-life irrigation tape
- filtration system
- PVC lay-flat pipes
- All needed connectors, fittings and valves.

The AgroSolar Irrigation Kit includes all of the above, plus:

- a submersible solar pump
- the solar pump controller (with an auto-shutoff feature when well runs dry or tank is full)
- solar panels
- solar mount plus security kit
- irrigation system (listed above)
- piping and electric cabling
- installation and training
- expert agronomy advice and guidance.



FAQs - Frequently Asked Questions:

What are the payment terms?

Payments are accepted in cash, via bank deposit, wire transfer or M-PESA (till number 832855). Payment in full must be made prior to goods being released or installation being scheduled. Financing is offered through our partnership with Equity Bank.

Does it come with security?

The AgroSolar Irrigation Kit includes a custom-designed pole-mounted security kit for the provided solar panels. The security kit raises the solar modules 4 meters above the ground to deter theft. The submersible pump may be secured using a steel-door locking system.

Do you offer installation and training?

Yes, we offer installation and training for every kit for a small additional cost. Alternatively, you can install the irrigation systems yourself.

Are batteries required with the system?

No, batteries are not required. Water is stored in an elevated water storage tank and gravity is used to pump water through the irrigation system during the evening.

Does the system work on cloudy days?

Yes. As water is stored in an elevated tank, irrigation can occur even when the solar pump is not running. As less water is required for irrigation on cloudy days, the system continues to work optimally.

Can the solar panels be used to power devices other than the pump?

Any modification to the AgroSolar Irrigation Kit beyond its intended purpose is not supported by SunCulture and voids the warranty.

Does it come with a warranty?

Pump and controller:	1 year warranty
Solar panels:	20 year warranty
Drip system:	2 year warranty

All terms and conditions can be found on our website at www.sunculture.com.



Get one acre of our high quality drip irrigation for only KES 89,000; and one acre of our exclusive mist irrigation for only KES 39,000.



The Revenue it generates

Estimated revenues by crop are supplied below. For updated crop prices, visit www.mfarm.co.ke/trends.

Produce	Yield Per Acre (KGs)	Maturity Days	Price Per KG (wholesale)	Revenue per Season
Beans	500	90 days	60	30,000
Kale	8,000	60 days	15	120,000
Cabbage	20,000	75 days	15	300,000
Carrots	22,000	85 - 125 days	15	330,000
Green Capsicum	10,000	90 days	60	600,000
Tomato	20,000	75 days	30	600,000
Onion	12,000	90 days	50	600,000
Red Capsicum	10,000	90 days	80	800,000



Your trusted, reliable irrigation partner



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