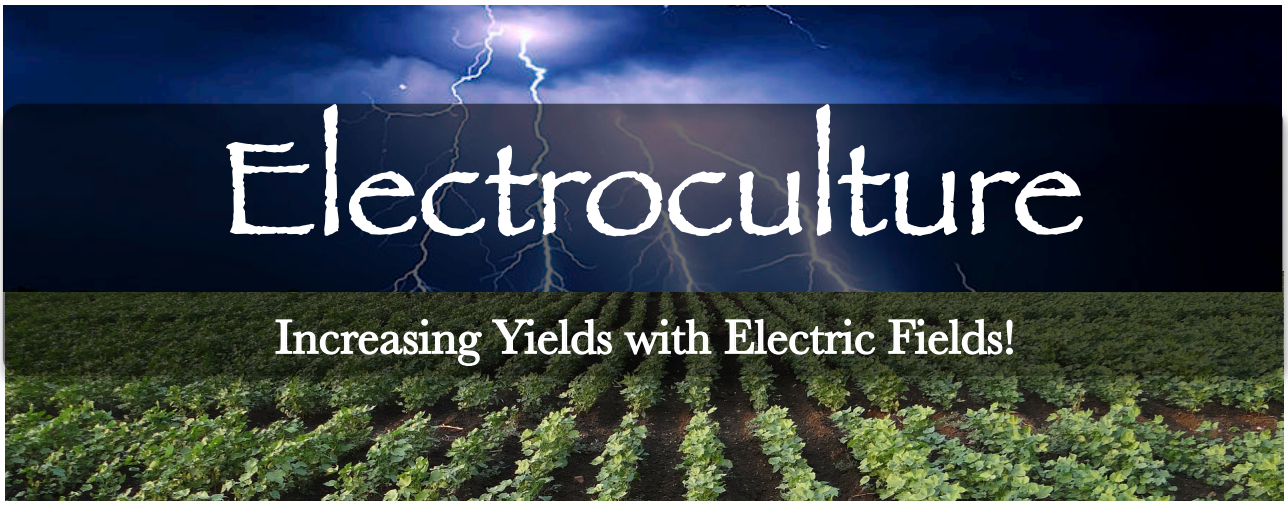


Crop Acceleration

Optimal Plant Health

Boosted Yields & Greater Returns

Harvest Storm Beginners' Pulsed DC Electroculture System

- Installation Guide -

CONTENTS

ELECTRIC FERTILIZER

INTRODUCTION

Thank your for your business!

Before we begin, I'd like to personally thank you for your purchase of this electroculture device! We look forward to helping you with experiencing the fantastic gains that are possible from electroculture!

What is Electroculture?

If you haven't heard, electroculture is the science of using the electrical simulation of plants to improve growth, increase yields, have earlier harvests, protect against disease, and more! By taking electrical charges and collecting them together, we can route them to our plants to cause a whole variety of amazing electrophysiological changes to take place… causing all of the beneficial effects above.

Use low-voltage direct-current (DC) electricity to give your plants a boost!

BASIC THEORY

Natural Electroculture

Ever notice how your plants and crops look more vibrant and larger after a passing thunderstorm?
Using simple technology, you can replicate those effects, using simple charge-collector technology!

Electricity is present all around us, from free floating electrons that surround the air around us. At ground level, the amount of free-floating charge is very small, yet as one moves up in elevation, the amount of free electricity in the air increases.

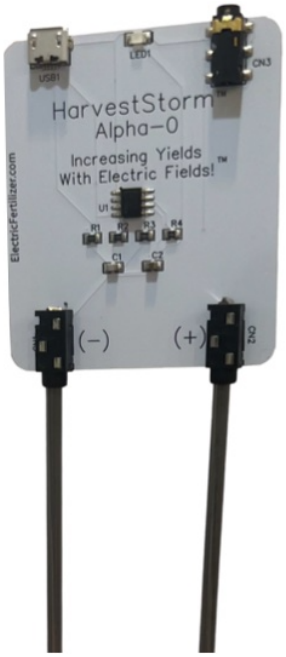
Tapping Into These Energies

To capture these naturally present electric field energies, all that's needed is the means to collect it. To do so, our HarvestStorm Atmospheric Collector has a number of points on it that attracts free electrons from the atmosphere.

RISKS

Not all plants are comfortable with this form of stimulation. Results may vary (and they will - especially between different types and strains of plant-life). Experimentation is your friend. Try multiple types of plants with this system to see what responds best. Trees are more resilient to higher electrical fluctuations, so they are a great crop to use with this type of device.

ASSEMBLY



Pulse Stimulator with Electrodes Installed

Without Electrodes

Additional Tools & Material Needs

- The standard electroculture kit comes with everything needed to assemble the unit.
- As the system operates, additional 1/8” electrode rods will be needed to replace the ones consumed by the process, Electrode wear-out is normal - due to electrochemical interactions with the soil. Rods can be purchased and cut with large snips or a metal saw.

Device Assembly

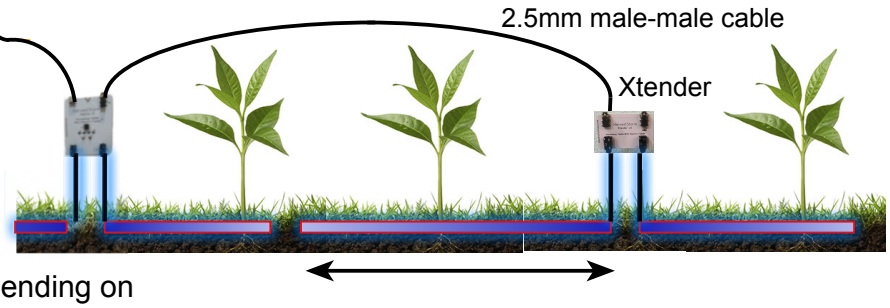
1) Begin by donning a pair of gloves for handling the disc. The spikes are sharp, and we want you to remain safe during the assembly process.

Plug & Play!
Connect USB power cable to the device and to a power source, e.g. wall power supply (included), or USB solar panel. Insert electrodes into the soil!

Expand It!
Connect to one or more HarvestStorm Xtender units for more range, or to test multiple sets of plants at the same time.

Features:
- Blinking LED, flashes in sync with the stimulation signal

- Replaceable 1/8" carbon-steel electrode rods.

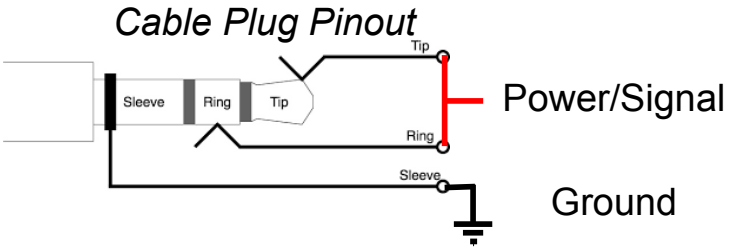


Range of Influence:
3 - 8 feet in radius, depending on factors like soil conditions, plant stim receptivity, etc.

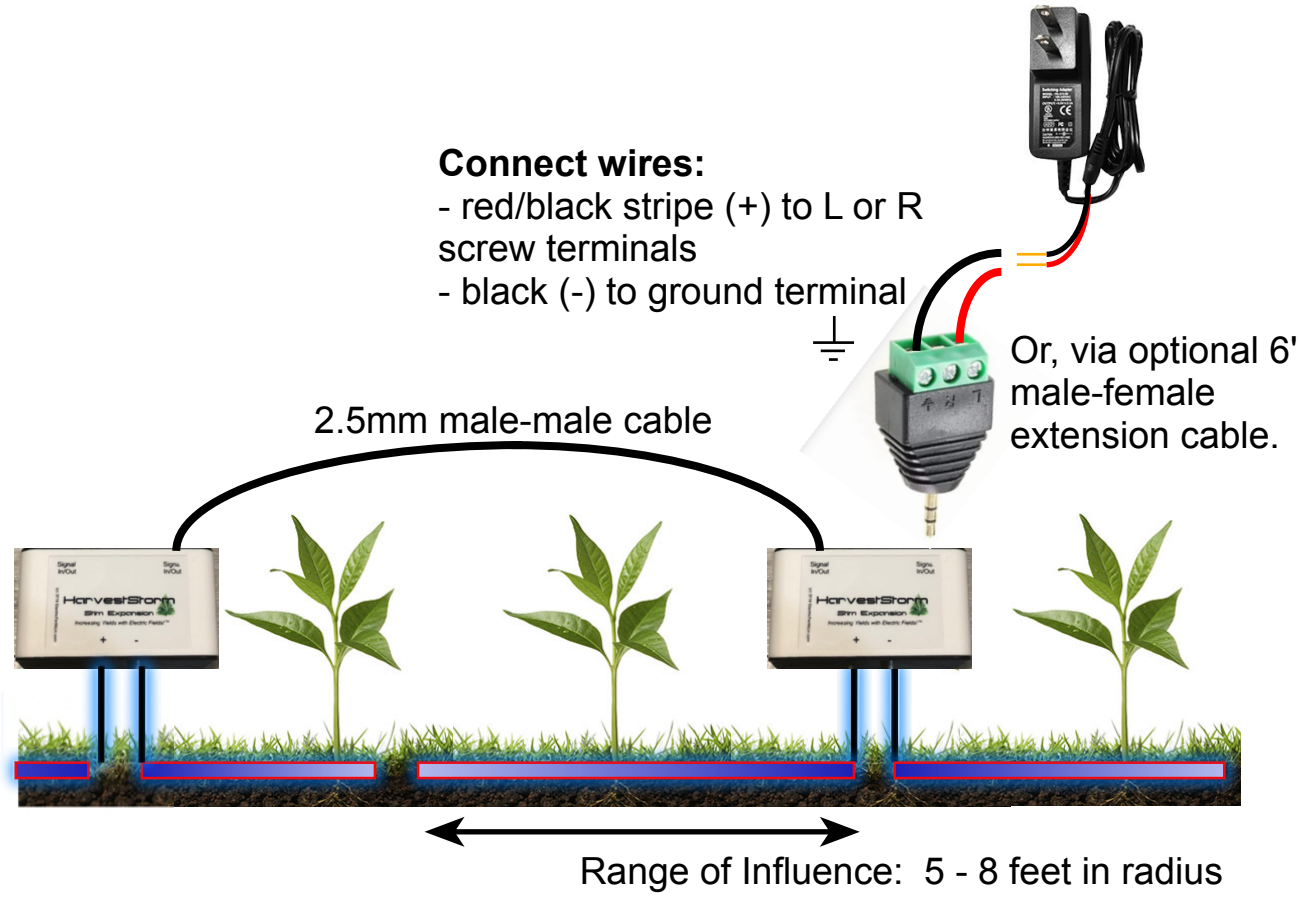
Stand-Alone Expansion for Straight DC Electroculture

(Shown with another variant of the HarvestStorm Xtender with plastic enclosure)

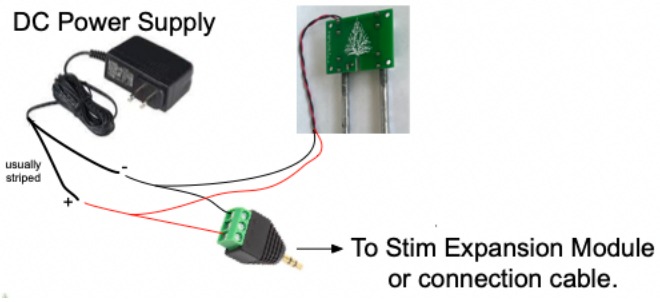
Connect 2.5mm male-male cables, with one end into the electrode module (either side on top). To power electrodes, connect the other stereo plug to a power/signal source as follows:



2) Starting at one end of the threaded rod (optionally included), screw on one bolt to the desired height at the far end of the rod. See the image to the right. Based on the distance down of the first nut, the amount of remaining room at the top can be determined.



3) From there, add the pre-wired terminal connector onto the rod as shown in the image on the right, and then carefully place the electroculture antenna disc on top of the connector so they're both resting on the bolt below it. If you have additional hardware, like a spring washer, that can also be added to the assembly to add mechanical strength to the joint. Otherwise, finalize assembly by putting the second nut over the top of the disc and tighten.



INSTALLATION

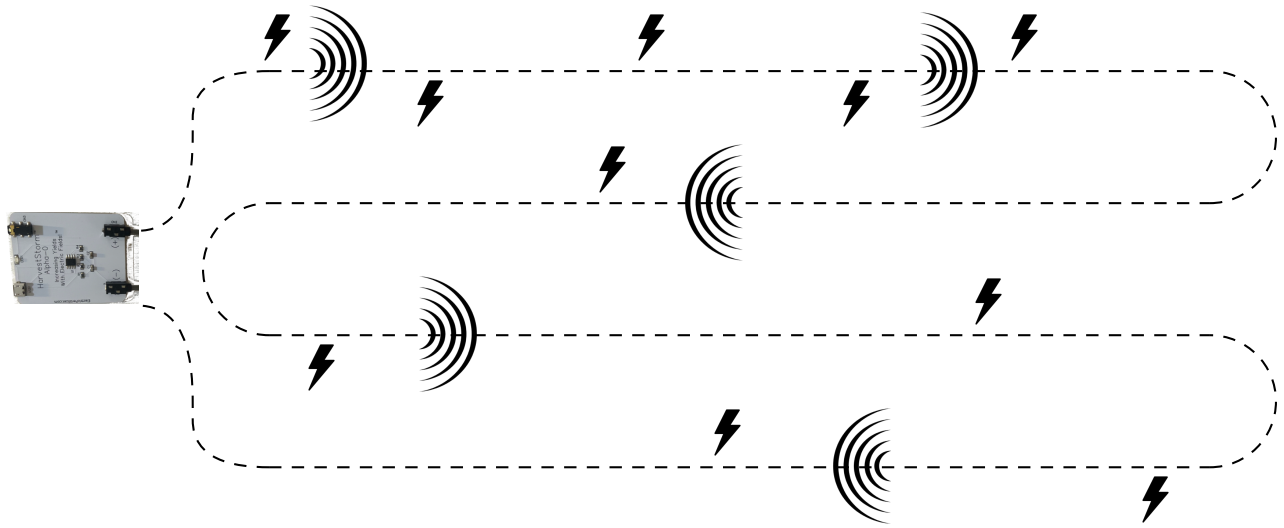
Collector Installation

To install the device, you'll first need a long pole at least 10-12 feet long. For Option 1, ideally, it would be 18 feet or more, as there are fewer spiked collectors on it, so it may need to go higher

Use the included zip ties to attach the collector to the top-end of the pole.

Next, you'll need to supply your own wire to connect to the antenna. Any lightweight gauge wire will do, from 24 AWG to perhaps 18 AWG. Strip off the end of the wire you have using pliers or wire strippers, twist it around the wire coming from the collector antenna, and then twist the waterproof weren't on top of the connection. Secure the down-wire to the pole with additional zip ties, or by simply wrapping it around the pole in a spiral.

Running Wire Approach



For this approach, wires can be connected to each port, positive and negative, and a wire can be run through the garden, distributing electric and magnetic field energies to the subsurface of your crops. This is the most efficient way to run the system. It's experimental though - we don't know the best working range of it quite yet. It's also going to be plant/crop dependent as crops are responsive to varying amounts of electromagnetic energies. Experiment and let us know what works for you!

Operational Guide (eGX-5 only)

Switch settings:

Left to Right

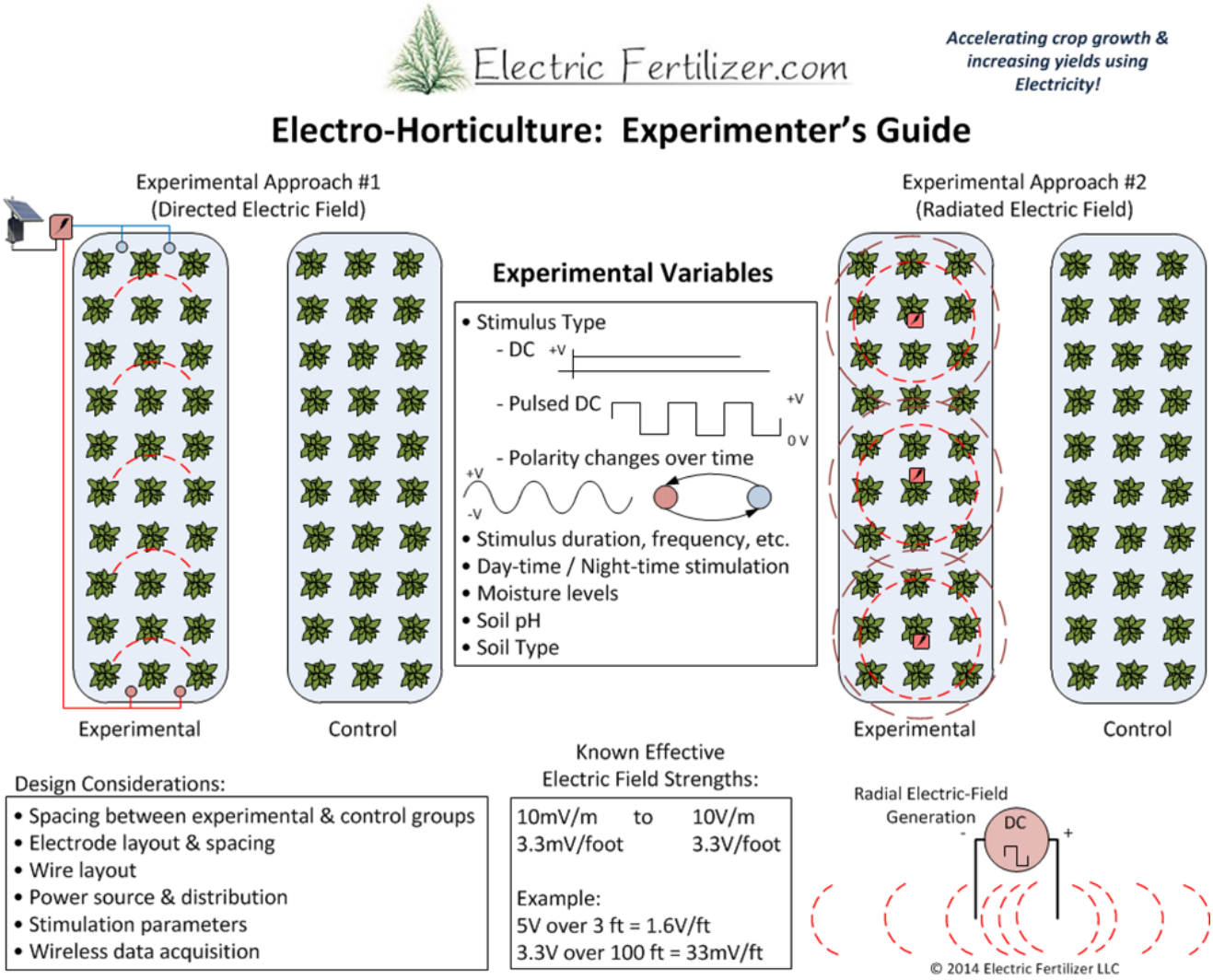
Switch Setting	**Main Protocol (main + ext)**
1: The Rainmaker	Schumann Resonance Frequencies + Large recovery time 7.83 + 11 + 34 (5 min ea) 12 hrs on / off
2: Fire It Up!	Schumann Resonance Frequencies Verdi's "A" Ancient / Earth Tuning Frequency The "Love" Frequency, associated with DNA repair 7.83 + 34 + 432 + 528 continuous loop, 5 min each
3: Steady Pacer	Schumann Resonance Base Frequency Resonance frequency of cell nucleus 7.83 Hz, 15 Hz for 5 min ea., looping
4: High Vibes	Verdi's "A" Ancient / Earth Tuning Frequency The "Love" Frequency, associated with DNA repair + short recovery times 432 + nothing + 528 + nothing (aka 5 min on/off)

Tips

- To support a larger area, raise your collector higher, or tie additional collector elements into the same system.
  - You can also add additional plant-wire runs in parallel to the main run you installed first
- Make sure to waterproof any electrical connections you make with silicone to minimize corrosion that will absorb the electricity you're collecting.
- For proper plant health, make sure to stay on top of your irrigation routine, or increase it, as stimulated plants transpire more, causing the ground to dry out faster.

Troubleshooting

- If your setup isn't working, then either try it out with different plants, or raise / lower your antenna accordingly to being in more or less charge.
- Also, consider your electrical connections… is there corrosion between your connections. That will increase resistance and potentially stop the flow of current.



Thanks Again!

Let us know how your crops work out with the collector antenna! We'd love to see pictures of it in action. Send a note via the contact form on our website, post it to the EnergeticAgriculture Facebook Group, or share it with @ElectroGrow on Twitter!

INCREASING YIELDS WITH ELECTRIC FIELDS
ELECTRIC FERTILIZER