

# Electronic Leaf™ INSTRUCTIONS

Thank you for your purchase of the Phytotronics Electronic Leaf. This unit is designed to control the on and off function of your solenoid valve to mist plant cuttings for propagation.

Please read all instructions before setting the unit up.

- 1) Take the unit out of the box.
- 2) Set it in a level location on your bench or the area to be controlled. The unit turns on and off by the amount of mist on the screen (leaf) so position it where water will hit the screen without obstruction.
- 3) Connect the black wire with a blue tip to your 24-volt solenoid, make sure connections are tight.
- 4) Your solenoid should already be hooked to a water supply, if not this would be the time to do that.
- 5) Make sure the screen moves up and down freely.
- 6) Plug the 24-volt transformer into a 110 volt GFCI outlet. *Caution: watering may start when the unit is plugged in.* The green light will be lit anytime the transformer is plugged in. The blue light indicates when power is being sent to energize the solenoid.
- 7) The amount of water can be adjusted in two ways. The best way is to screw the weight on the screen shaft at the back of the unit in or out to adjust the amount of water needed to turn the unit on and off (see photo to right).
- 8) You can also get some adjustment by moving the unit closer to or further from the mist nozzles.
- 9) Minor adjustments to the weight may be necessary for the first day or two until you get the specific amount of mist you need.



Make sure that you monitor the unit during the first day of use. Fans blowing on the screen or leaves touching the screen could cause the unit to remain in an on or off position.

Note: To work properly, the dry leaf must return to the top of its travel. Hold the dry leaf down and release – it must raise on its own. Turn the weight counter-clockwise (out) until the leaf returns all the way to the up position. This is the minimum setting.

**To Reset Unit to Maximum Sensitivity Settings** (these settings will result in the least amount of misting) :

- 1) Turn weight in until leaf stays down.
- 2) Screw weight out (counter clockwise) until screen comes to top.
- 3) Push screen two-thirds down and carefully release, it needs to come up completely.
- 4) If not, then turn out weight in 1/2 turn increments until it does. When it will barely go up from the two-thirds position, this is the maximum sensitivity setting. To function well it needs the weight adjusted out a little further. For final adjustment, physically move the entire unit closer to or farther from the misting nozzles.

## Other Phytotronics Products



1626D



1A Single Zone



12 Zone



Gemini 6A



Hortus IBA Water Soluble Salts



Rhizopon Powder



Redi-Heat Thermostat & Propagation Mats

If you have questions please call Dubois Agrinovation at (450) 454-3961 or 1-800-667-6279  
[www.DuboisAg.com](http://www.DuboisAg.com)

# Electronic Leaf Transformer Instruction Sheet

If unit has a mounting tab, the following caution note applies:

**Caution:** To reduce the risk of electrical shock –  
Disconnect power to the receptacle before  
installing or removing the unit.  
When removing receptacle cover screw, cover  
may fall across plug pins or receptacle may  
become displaced.

Use only with duplex receptacle having center screw.

Secure unit in place by receptacle cover screw.

If unit is supplied with a grounding pin, the following note applies:

**Caution:** To reduce the risk of fire or electric shock, connect  
directly to a grounding receptacle – three prong.

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