

Phytotronics Inc

REDI-HEAT HEAVY-DUTY PROPAGATION MAT

Please read this entire sheet before using this mat

INSTRUCTIONS:

1. Lay the mat on a flat surface with the power cable side up.
2. Fully unroll the mat. Do not leave a portion of the mat rolled up or laying on top of itself.
3. Plug the mat into a thermostat. We recommend the Phytotronics RDT-4 thermostat.
4. Make sure to keep the substrate, which the thermostat sensor probe is in, moist at all times. Dry substrate acts as an insulator and prevents the thermostat from sensing the heat from the mat.
5. Do NOT place mats on any type of insulating material.

CONSIDERATIONS:

- Position the mat on your desired surface before putting the weight of flats or pots on it. Make sure the surface will stand up to the temperatures that the mat will produce. Expect the mat to reach 20F above ambient.
- Since soil temperature will be constantly maintained at a higher level, soil media and plants will dry more quickly and will require more frequent watering.
- A consistent amount of soil moisture will maintain the most even heat.
- Consider covering pots or flats with a layer of plastic to retard the rate of evaporation. Once cuttings have rooted or seeds germinated, the covering can be removed and the thermostat setting reduced or turned off completely. Make sure the plastic does not come in direct contact with the mat.
- To monitor your growing media's temperature place the thermostat capillary bulb or sensor into the plant substrate to desired depth that you wish to control temperature. DO NOT place the sensor directly on the mat surface, correct soil temperature CANNOT be maintained in this location.
- We recommend the placement of a small probe type thermometer in the soil to monitor soil temperature and to check thermostat performance. It may take some trial and error to find your best location to place the thermostat's sensor. Unless the thermometer and the sensor are next to each other, they will read different temperatures.
- The outer edges of trays will be cooler than the center due to more exposure to ambient air.

WARNINGS:

- Failure to connect the mat to a thermostat will void the warranty.
- Failure to completely unroll the mat or allowing the mat to lie on top of itself will void the warranty.
- Failure to keep the substrate, which the thermostat probe is in, moist, will cause the mat to overheat causing damage to the mat and plastic flats and pots on top of the mat. This will void the warranty.
- Make sure the surface beneath the mat is free of sharp points or objects that may puncture or damage the mat.
- As with all electrical products, use care when working with or around the Redi-Heat mats and Thermostats. Avoid getting plugs, and thermostat wet, as an electrical short may occur.

Limited Warranty

Phytotronics®, Incorporated ("we") warrant to the original purchaser ("you") that the product or system accompanying this warranty (the "product") will be free from defects in material and workmanship existing at the time of manufacture and appearing within two (2) years from the date of original purchase. This warranty applies only so long as the product is stored, installed, operated and maintained in accordance with our recommendations, and when used under proper and normal use. THIS WARRANTY SHALL BE EXCLUSIVE AND, TO THE EXTENT PERMITTED BY LAW, SHALL BE IN LIEU OF ANY OTHER WARRANTIES, WRITTEN OR ORAL, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT IMPLIED WARRANTIES MAY NOT BE DISCLAIMED, THE DURATION OF SUCH WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS EXPRESSLY LIMITED TO THE TWO YEAR PERIOD OF DURATION OF THIS LIMITED WARRANTY. In certain circumstances, some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

When this Limited Warranty does not apply

This warranty does not cover claims resulting from failure to follow instructions on installation and use, neglect, misuse, accident, modifications, alterations, acts of God, vandalism, misapplication or repairs made by you or others, use of unauthorized attachments, use on a current or voltage other than specified, or overloading.

Your remedies

If a covered defect appears during the warranty period, we will, (at our sole option), repair or replace the defective product at no charge for service or parts, provided that the product is delivered at your expense to our authorized service center. Parts and/or replacement product supplied under this warranty may be new or rebuilt at our option. Any product which is repaired or any replacement product will be covered under this warranty for the remainder of the one year period or for 90 days after repair or replacement, whichever is longer. THIS IS YOUR EXCLUSIVE REMEDY FOR BREACH OF THIS WARRANTY OR OF ANY IMPLIED WARRANTY OR OF ANY OTHER OBLIGATION ARISING BY OPERATION OF LAW OR OTHERWISE.

What is not covered by the Limited Warranty

The warranty does not include reimbursement for the expenses of labor, transportation, installation, removal or any other expenses which may be incurred by you. For instructions on how to obtain warranty service, call 314-770-0717 or write to **Phytotronics®** Customer Service, 13688 Rider Trail North, Earth City, Missouri 63045.

IN NO EVENT SHALL WE BE LIABLE OR RESPONSIBLE FOR PUNITIVE, EXEMPLARY, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, LOSS OF CROP, REVENUES OR SAVINGS ARISING OUT OF THE BREACH OR PERFORMANCE OF ANY WARRANTY OR THE USE OR INABILITY TO USE THIS PRODUCT FOR ANY PURPOSE WHATSOEVER.

YOUR EXCLUSIVE COMPENSATION FOR LOSS OR DAMAGE ARISING FROM PURCHASE, USE, REPAIR OR REPLACEMENT OF ANY PRODUCT SHALL BE LIMITED TO AN AMOUNT EQUAL TO THE PURCHASE PRICE OF THE PRODUCT. THIS LIMITATION OF LIABILITY SHALL BE APPLICABLE TO ANY CLAIMS PRESENTED TO US REGARDLESS OF THE LEGAL THEORY FORMING THE BASIS OF SUCH CLAIM, AND WHETHER SUCH THEORY INVOLVES NEGLIGENCE, CONTRACTUAL LIABILITY, FAILURE OF REMEDY OR OTHERWISE.

In certain circumstances, some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may have other rights which vary from state to state.



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