



13688 Rider Trail North * Earth City, Missouri 63045 * 314-770-0717

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SUGGESTIONS FOR SETTING UP A REDI-HEAT PROPAGATION MAT AND THERMOSTAT

1. Lay the mat on the bench with the Blue side facing UP. *Extreme care must be taken that there are no sharp points, screws or edges on the bench surface that may poke into the mat. Mats cannot be folded to fit on a shorter bench. Do not plug in the mat while it is rolled up or the mat will be ruined. Holes, Cuts, Creases and/or Overheating will void the warranty.*

2. Position the Redi-Heat mat on the bench before putting the weight of flats or pots on it. *If you have High PH water or a very alkaline mixture then a layer of poly must be placed over the Redi-Heat Mat to keep this mixture from coming in contact with the mat. Simply draping a piece of poly over the bench once the Redi-heat mat is in position works best. For the greatest efficiency place flats and pots as to completely cover the mat.*

3. Find a place away from water, but within the mats cord length and mount the Redi-Heat thermostat. Bench Plates are available for mounting the Redi-Heat thermostat directly to the bench. Operating a Redi-Heat mat without a thermostat will void the warranty.

4. Place the Redi-Heat Thermostat's capillary bulb at a depth in the soil where it will be necessary to maintain the desired soil temperature. Exact placement of capillary bulb will vary depending on container used. Capillary bulb should always be placed in a horizontal position. *Do NOT place the capillary bulb directly on the mat surface, soil temperature will NOT be maintained.*

5. Rotate the dial on the Redi-Heat Thermostat to the off position. Plug the mats into the thermostat and then plug the thermostat into a grounded 120 volt plug or as required by local electrical codes. Rotate the dial on the thermostat to a desired temperature. *Many things can affect soil temperature versus the temperature setting on the RHT-4 dial, such as ambient temperature of the room, moisture level of the soil, wind (HAF fans) and other factors.*

We recommend the placement of a small probe type thermometer (Taylor Model 6091-N for example) 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 thermostats capillary bulb and thermometer.

CONSIDERATIONS:

1. Since soil temperature will be constantly maintained at a higher level, soil media and plants will dry more quickly and require more frequent watering.
2. A consistent amount of soil moisture will maintain the most even heat.
3. Consider covering pots or flats with plastic to slow the rate of evaporation during germination. Note covering the pots or flats will raise the temperature under the plastic sheeting.
4. Young plants can be illuminated with HID lights to keep early growth compact until the new plants can be transplanted.
5. As with all Electrical products care must be taken when using the Redi-Heat mats and thermostats, avoid getting the plugs or thermostat wet.

Ask your distributor about Rhisopon Rooting Hormone, Electronic Leaves, Misting Controllers and other fine products by Phytotronics Inc.

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.

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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.

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