



48" x 20.75" Seedling Heat Mat

INSTRUCTION MANUAL



VIVOSUN

Heat Mat 48"x20.75"

Warms the Rooting Area to Improve Germination and Rooting

INSTRUCTIONS

1. Place the mat on a well drained surface (without standing water).
2. For warmer mat temperatures, place it on an insulated surface, rather than a cold floor. Covering your plant tray with a humidity cover or dome will also keep mat area warmer, and maintain humidity control for better rooting.
3. Plug the mat into a 120 volt power source.
4. This mat is designed to raise rooting area temperatures approximately 10-20°F (5-11°C) above ambient air temperature.

Designed by **VIVOSUN** in California
Made in China

WARNINGS

Fire or electric shock may result from improper use. Make sure that the surface under the mat is free of sharp points or objects that might puncture the mat. Do not place mat inside tray or cover directly with soil or growing medium. Do not place any heat insulating materials over heat mat, as it may cause it to overheat.

DO NOT IMMERSE IN WATER.

70°F-85°F

APPROXIMATE DAYS TO GERMINATION

70°F-85°F

DAYS PARA LA GERMINACIÓN

70°F-85°F

DAYS TO ROOTING

70°F-85°F

70°F-85°F

APPROXIMATE DAYS TO GERMINATION

70°F-85°F

DAYS PARA LA GERMINACIÓN

70°F-85°F

DAYS TO ROOTING

70°F-85°F

CROP	ROOTING	GERMINATION
Asparagus	10-14	10-14
Basil	10-14	10-14
Bean	10-14	10-14
Broccoli	10-14	10-14
Cucumber	10-14	10-14
Eggplant	10-14	10-14
Kale	10-14	10-14
Pepper	10-14	10-14
Pumpkin	10-14	10-14
Squash	10-14	10-14
Tomato	10-14	10-14
Zucchini	10-14	10-14

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GENERAL USE INSTRUCTIONS

1. Place the mat on a well drained surface (without standing water).
2. For warmer mat temperatures, place it on an insulated surface rather than a cold floor.
3. Covering your plant tray with a humidity cover or dome will also keep root area warmer, and maintain humidity control for better rooting.
4. Only plug the Heat Mat into a 120V grounded outlet.
5. Raise rooting area temperatures approximately 10-20°F /5-11°C above ambient air temperature.

ATTENTION- PLEASE CAREFULLY READ THE FOLLOWING INSTRUCTIONS BEFORE FIRST USE

This Heat Mat DOES NOT INCLUDE a temperature controller. Once plugged in, the Heat Mat is always on and produces a constant 105 watts. Perfect for gently heating soil's root zone to optimal seed germination temperatures.

USE INSTRUCTIONS AS FERMENTATION HEATER

1. Be sure to check the optimal temperature for your intended use. If the product gets too warm, we recommend using spacers like popsicle sticks or wooden pencils to increase the distance from the heater to the container, or to use a Heat Mat Temperature Controller (sold separately).
- Never wrap the Heat Mat with insulating materials as this may cause the product to overheat.

DANGER-WARNINGS:

1. This appliance has a polarized plug (one blade is wider than the other).
2. To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way.
3. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician.
4. DO NOT modify the plug in any way.
5. DO NOT immerse in water.
6. For indoor use only.

SPECIFICATIONS	
Size	48"W x 20.75"L
Voltage	120V - AC
Wattage	105 Watts
Temperature Set	0-40°C (32-104°F)
Insulation Resistance	≥100MΩ500Vdc
Service Life	≥30000H

Maximum working temperature of the mat can be around 35 degrees Celsius above room temperature, but never exceeds 40°C (104° F).

When the room temperature is around 20°C (68° F), the heat mat should be detached from the ground and plugged in for 30 mins before it reaches the operating temperature.