

VERMI BED

Turn your garden and household waste into organic-friendly compost with this HDPE Vermi Compost Bed from Mipatex. This compost bed has been made from HDPE multilayer-coated material to ensure long time durability. This Vermi Compost bed is quick and easy to install.

INSTALLATION GUIDE



Materials Required

1. Vermi Bed
2. Cow dung (Do not use fresh cow dung; it contains heat delivering gases which kill the Vermi worm).
3. Fresh Water.
4. Shade Net or Tarpaulin to avoid direct sunlight contact
5. Pipe or bamboo or wooden shaft to fix and support
6. Fertile soil
7. Vermicast (earthworms)
8. Agriculture biodegradable waste materials like kitchen or field waste.
9. Dry straw and leaves



Methods of Preparation



Pick a spot on your farm or home to install the vermi bed. The ground surface should be smooth, free from vegetation, debris waste material, and sharp objects.



Mark a layout according to vermi bed size.



Open and spread the Vermi Bed on the ground and mark each of the supporting pockets.



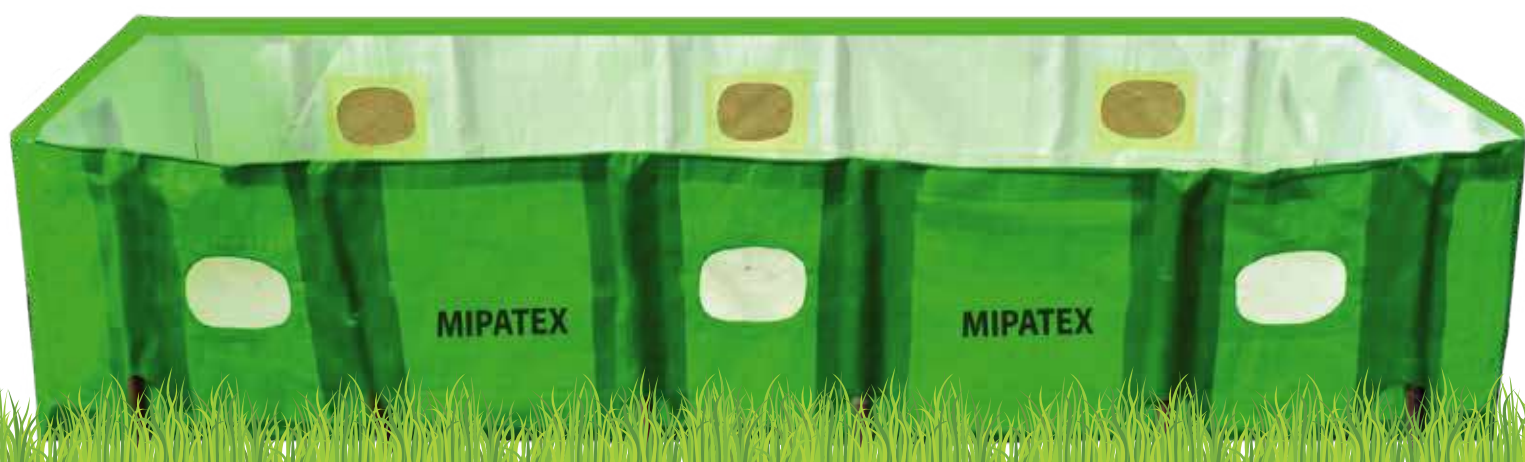
Fix pegs (pipe or wooden shaft) in the marked position.



Place the bed carefully, ensuring all peg is well fitted into the supporting pockets.

Filling the Bed

1. Make cow dung slurry and sprinkle it on the waste material. It helps the waste decompose fast
2. Make a layer (2 – 3 inches) of soil at the base of the Vermi bed
3. Now set up a fine bedding material by adding half decomposed cow dung, dry straw, other biodegradable natural waste gathered from fields and kitchen.
4. Spread them evenly over the soil layer.
5. Keep adding both the slashed bio-squander and half-decomposed cow dung layer-wise into the Vermi Bed up to a level of 0.5-1.0 ft.
6. Once adding all waste material, discharge the Vermi worm species over the blend and cover the blend with dry straw or gunny bags.
7. 1 kg of Vermicast contains up to 1000 worms. Vermicast is an assortment of Vermicompost or soil, which contains living worms and the eggs of the worms.
8. Sprinkle water from time to time to keep up the moisture level of the compost. The required moisture level is 50-70%.
9. Cover the Vermi Bed with a shade net or tarpaulin to shield the compost from water and direct sunlight.
10. Keep up appropriate moisture and temperature.
11. Have a continuous check to maintain moisture and avoid compost from overheating.



Harvest Your Vermicompost

1. It takes 60-80 days for the Vermicompost to get ready.
2. Check the vermi bed weekly to see how much bedding is left. When all of the bedding has been converted to compost, it's harvest time.
3. Push it all to one side, then add new wet bedding. Slowly scoop out the compost but leave the worms in the bin.



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