

Moisture conservation in milky mushroom bag through T-cup watering

KVK Name: Bhagalpur

Name: Mr. Sarvesh Kumar, Village: Sonvarsha

Gender: Male

Age: 45

Education: Middle

Mob.: 7808893200

Farming experience: 12

District: Bhagalpur, State: Bihar



Brief about innovation:

- Milky mushroom cultivation requires low light and consistent moisture, but irrigating rows of mushroom bags is difficult. Frequent watering is needed, and improper irrigation can lead to fungal infections or bag rotting.
- To solve this problem farmers invented a simple watering technique. He used treated plastic tea cups with small side holes (0.5 inches), filled them with water, and placed them on the casing layer. The water slowly seeps out, maintaining moisture evenly without directly wetting the fungus.

Specification/utility:

This method reduces irrigation frequency from 2–3 times daily to once every 5–7 days, minimizes labor, prevents fungal rot, and increases mushroom yield by 1.5 times. It's a highly useful innovation for small-scale mushroom farmers facing resource and labor constraints.

Photographs:

