

# METHODS FOR PREPARATION OF BED SPAWN



The method of preparation of bed spawn was same as that of mother spawn. The cooking, filling and sterilization were similar to that of mother spawn. After sterilization, the bags are taken for inoculation.

# Procedure

The sterilized bags are placed inside the culture room and put on the UV light



After 20 minute put off the UV light and take in the well-grown mother spawn



Transfer spawn from the mother spawn to sterilized bags  
@ 10 g per bag

After inoculation the spawn bags are kept in a clean room for fungal growth. (This is first generation of bed spawn)



Use the bed spawn after 10 days of inoculation for bed preparation



Sub culture the first generation bed spawn as mother spawn to produce one more generation, which is second generation bed spawn.

## Precautions to be observed:

1. Avoid over cooking of grains, as over cooking lead to splitting of grains.
2. Don't dry the cooked grains on the floor. Always dry over hessian cloth spread on a raised platform
3. Use only recommended dose of  $\text{CaCo}_3$  for mixing with the cooked grains. Mixing over dose reduces the fungal growth in the inoculated bags.
4. Avoid further sub culturing of the second generation bed spawns. This leads to lose of virulence of the spawn lead to reduce yield and repeated sub culturing lead to complete lose of virulence wherein the fungal growth may be noted in the beds but no buttoning is completely arrested.

Thank you