



MIDWEST CROW KITS

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Mega Kit Setup Instructions

Please read the Mushroom Growing Guide first prior to setting this up. Before setting this kit up you should have already injected your spores into the jars using one of the methods in the guide. Now we are ready for the incubation period.

Items not included: Water and (optional extension cord)

1. The first step is to place the adjustable heating pad under the growing chamber.
Tip: Place any towel underneath the chamber to lay heating pad on



Leave blue cover on and remove all packing



2. Connect the timer to any extension cord (not provided) and push down two tabs and skip two so timer goes on and off every hour like shown below. Follow the timer directions to set the current time of day.



3. Connect the heating pad to the timer and set the temperature to LOW



Notice the timer plugged into extension cord and not directly into the wall (optional if you have an open wall outlet close)

4. Place your inoculated jars into the plastic chamber to start the incubation period.



Place thermometer in an area where it is close to the jars so you get an accurate reading.

5. Optimize your temperature. Every room and growing area is different so this may take a little tweaking. You want to achieve 80-82 Degrees. (most exotic strains)
 - a. To raise the temperature adjust heat to medium or high
 - b. To lower temperature add a towel in between the heating pad and chamber.
 - c. The combination of this will take a little experimenting, but once you get it right it will always stay the same.
 - d. Once the proper temp has been reached the timer will shut the heat off and turn it back on every hour but your jars will remain the same temp. Using the timer in this way actually extends the life of the pad and saves energy.





Perfect!

6. Once your jars are fully colonized, you will prepare them for the fruiting stage.



Fully colonized jar ready to enter the next stage!

7. The first thing to do is add the Perlite to the chamber

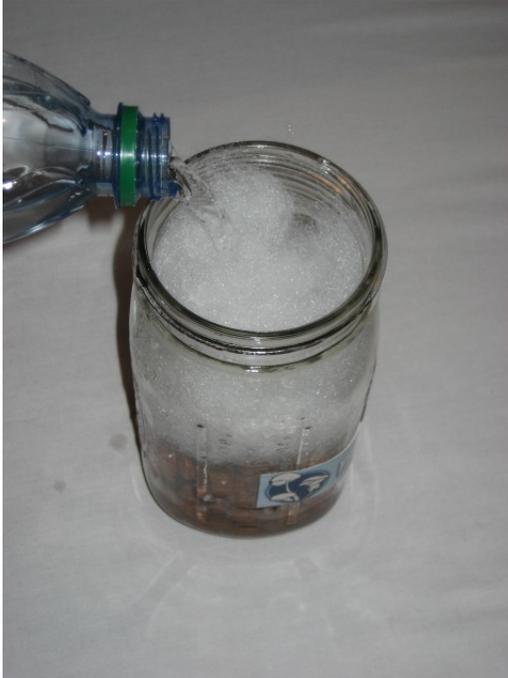


8. Next add enough water so that the perlite is wet but you cannot see any standing water. when you push on it you should feel some moisture



9. Next set up the Hydroponic Humidifier with the HEPA filter hoses.
 - a. First, open the humidifier and add clean bottled water or distilled water so the water level is half way filled.

**** Not all jars will colonize at the same speed, this is normal! You can setup the chamber for fruiting and then divide up the chamber so you can incubate and fruit at the same time, just place the un-colonized jars on one side and then fruit your cakes on the other****



10. Insert the hose so it goes through the lid hole all the way down to the bottom into the Hydroton.



Make sure the white HEPA filter particle is on the air pump side as shown below
(Your model air pump may vary due to brand, but functions the exact same way)



11. Insert the second hose into the lid so it's secure, it should only go in just slightly.
Then connect it into the hole in the fruiting chamber.

Your finished setup should look like this



This is the time to plug the timer into the wall directly and connect the heater and air pump to the extension cord like shown



The air pump will generate bubbles in the humidifier and pump clean humid air into the growing chamber. You want to maintain humidity levels of 90-95% at all times while growing. Place the colonized jars on their lids

Congrats! You are done!

Additional Tips and Advice

- It may take a few days to regulate the settings to obtain optimal fruiting and incubating temps and humidity levels. Light will enter slightly on the sides, and will be more than enough to initiate pinning & Fruiting. You can attach the LED light to the lid to add more light.
- Regular Daylight is perfect for mushrooms. The included closet light is for people who need to grow in dark spaces. We recommend using rechargeable batteries with this light. Feel free to substitute any other light source. During the fruiting stage allow mushrooms at least 6-10 hours of light per day, although as little as 30 minutes is enough.
- Don't add the perlite until after you birth the cakes. Use the container to achieve optimal growing and colonizing temperatures
- This kit can hold up to 30 cakes at once. Grow them close together!

- After you birth the cakes, do not place them directly on the perlite. Use the lids they came with, or put down a small piece of foil to keep them up off the damp perlite.
- You can add a half cup of hydrogen peroxide directly to the perlite every few weeks to keep the perlite free of bacteria.
- You will need to add water to the humidifier every 4-5 days as it evaporates.
- Remember to order more jars once you birth the cakes and put them on the perlite, therefore you can have a continuous supply of mushrooms.

Need help? Questions?

Email us at support@midwestgrowkits.com
Live chat available!