

FunGuy Grow Kits – Simple Monotub Mushroom Starter Kit

2 – 1 lb grain spawn bags with Injection ports and .22 micron filter patch

1 – 4.5 lb bag of mushroom substrate

1 – 15 qt unmodified monotub

1- plastic poly bag for lining tub

2 – alcohol swabs

1- Pair of nitrile gloves

SPORES NOT INCLUDED.

Before you Start

DO NOT OPEN THE GROW BAGS UNTIL THEY ARE FULLY COLONIZED.

They are sterile, sealed and reinforced with tape to insure they remain sterile. Opening them before fully colonized will cause contamination. You will see white residue near and around the injection port. This is caused by the adhesive during the sterilization process and is completely safe and normal.

PLEASE READ

Our grow kits are guaranteed to be contaminate free. When your package arrives, please inspect the contents of the package. Look for any rips or tears in the bags. If there is any sign of damage or contamination, please notify us immediately for a full replacement. Condensation inside the bags is normal.

The quality of your spores plays a critical role in the success of your grow kit. Make sure you are buying your spores from a reputable source, and that you follow sterile techniques when injecting grain spawn bags. It is recommended to wipe down your entire work area and tools with 70% isopropyl Alcohol, wash hands and wear the gloves included with your kit.

Since we cannot control the quality of your spores or environment, we cannot offer replacements if contamination occurs after injecting your grow bags. Before leaving feedback, please contact us with any questions or concerns.

DIRECTIONS - *Please read entire directions before starting*

STEP 1 – Carefully remove the tape holding the top of the grain bags to the side of the bag. Pour some 70 % isopropyl alcohol on a clean paper towel. While wearing included gloves, wipe hands, work area, syringe and grow bags with alcohol. Attach the needle to the spore syringe. Open cover of syringe and heat the tip of the needle with a lighter until it turns red in color. Let the needle cool for a few seconds. Wipe the injection port (black dot) and needle with included alcohol swab. Inject 1-2 ml of spore solution in each grain bag. Use alcohol swab to sterilize the needle between each grain bag.

STEP 2 – After injecting place grain bags in a dark location with the temperature between 70-75° F. It is ok if it is cooler, however this will slow the mycelium growth. 70 – 75 is the ideal temperature.

STEP 3 - In about 3 to 7 days (this may take longer depending on your spores and environment) you will start to see white mycelium growing in the grain bags. When your grain bag is about 30 % colonized gently break up the mycelium by squeezing the bag. Gently pull the sides apart to allow air into the bag. Once air is in the bag mix the colonized grain with the rest of the bag. Make sure to mix the grain throughout the bag.

STEP 4 – When the bags are completely colonized, you are ready to add them to your monotub.

STEP 5 – Place the monotub upside down. Using scissors cut open the poly bag so it is one large sheet. Use the liner to evenly cover the bottom side of the tub. You want to make sure to have the liner going at least 4 inches evenly down the sides of the tub. Fold the corners over as if wrapping a present and apply tape to hold it in place. Do this for all corners. Trim edges as needed.

Step 7 – Spray monotub with 70 % Alcohol and let dry. Place liner in the bottom of the monotub. Open mushroom substrate and cover the bottom with a thin layer of substrate. Next, break up one of the grain bags completely and pour about half the contents on the layer of substrate. While wearing latex gloves, gently spread grain spawn evenly making sure to get all the corners. Apply about a 1 inch layer of substrate, covering the grain spawn completely. Make sure to spread evenly and pat down slightly. Next add the rest of the first grain bag on top of the substrate. Again, gently spread the grain spawn evenly while getting all the corners. Repeat this layering process for the rest of the grain spawn and substrate. When finished, pat down slightly to make sure you have a flat and even surface.

Step 8 – Close lid and keep monotub at 70 – 75 ° F. We find great results from putting the monotub directly into fruiting conditions. You are welcome to use any method you choose. These instructions are for the direct fruiting method. We find it faster and decreases the chances of contamination.

Step 9 – Place the monotub in a warm location. Provide the mono tub with 12 hours of darkness and 12 hours of light daily. For the first few days leave the lid closed. After a few days open the tub. You will start to see mycelium growing on the surface. Fan surface of the tub for about 30 seconds. Then close the lid (do not latch the lid). Do this 3 times daily. After a few more days of just fanning start to open the lid partially and then mist the top of the lid lightly with fresh water. Then fan as before for about 30 seconds. Repeat this 3 times a day. At this point it is a good idea to leave the side of the lid open for air exchange. Do this by taking off lid, closing clasps and resting the lid on top of the clasps. Before you know it, you will start to see pins forming and then mushrooms. After harvest continue misting and fanning as you will get about 3 to 4 harvests out of each grow kit.