

# Growing Medium Sample Collection Guide

Accurate, repeated testing and removal of infected plants is critical for maintaining consistent yields. Turnaround for results is 10 business days as your samples will be cultured on plates for analysis.

## 1 Prepare Materials

### Provided Materials



50mL tubes

### User Supplied Materials



Disposable gloves



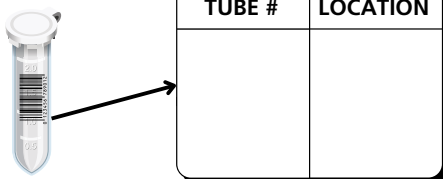
10% Bleach solution



Lab spatulas or spoons

## 2 Identify Testing Locations

Select 7 sources to gather growing medium samples. Before collecting samples, document which tube number corresponds to which location the sample is collected from.



### Recommended areas for testing include:

- Straight from the bag after purchase
- Any growing medium already in pots with plants. The most suspicious looking areas that appear, fuzzy, slimy, or strange in color.

## 3 Sterilize Tools Before Use

Soak the spatulas and/or spoons in the 10% bleach solution for 5 minutes and then do a quick dip into a container with distilled water.



10% BLEACH SOLUTION



DISTILLED WATER

## 4 Collect Samples

Open the 50mL tube and set the lid face up on a clear surface.

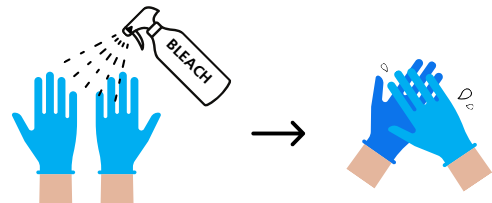
Fill the tube 2/3 full with growing medium. **DO NOT fill the tube to the top.**

If you see fungal-like growth, use a clean tool to dislodge some of the growth and include that material in the sample tube.

Secure the lid tightly back on the sample tube.

## 5 Sterilize Between Samples

Before collecting the next sample, wash your hands, change your gloves, or bleach gloves.



If using a tool to collect fungal-like growth, sterilize the tool in 10% bleach for 5 minutes and then rinse it in distilled water before reusing it.

## 6 Returning Samples

When all the samples have been collected, ensure the lids are tight and place them in a sealed, ziplock bag.

If possible, ship the tubes in a cardboard box versus an envelope to avoid breakage during shipping. Ship samples to:

**TUMI Genomics**  
320 East Vine Drive Suite 129  
Fort Collins, CO 80524

## Have more questions?

See the FAQ section of our website or contact us at (720) 807-8864 or [sales@tumigenomics.com](mailto:sales@tumigenomics.com)

### International Clients



#### USDA Permit Packet

This packet must be printed and packed into your return shipment to the TUMI Genomics lab.



#### Shipping Guide

This video details how to pack and ship your samples to return to the TUMI Genomics lab.