

# Growing Medium Sample Collection Guide

Accurate, repeated testing and removal of infected plants is critical for maintaining consistent yields. Turnaround for results is 24 - 28 business hours.

## 1 Prepare Materials

### Provided Materials



50mL tubes

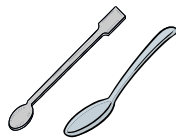
### User Supplied Materials



Disposable gloves



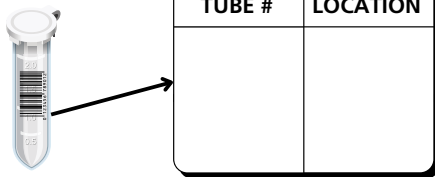
10% Bleach solution



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.

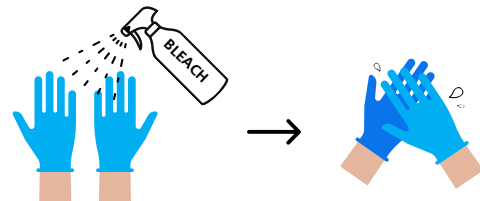
Fill the tube 2/3 full with growing medium. **DO NOT fill the tube to the top.**

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.