

# Seed Sample Collection Guide

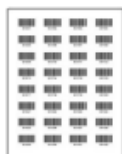
Accurate, repeated testing and removal of infected plants is critical for maintaining consistent yields. This document details the steps to collect seed samples for testing at TUMI Genomics Laboratories. These instructions can be used for both viroid/virus and fungal/fungal-like pathogen testing.

## 1 Prepare Materials

### Provided Materials



Seed Collection Tube



Extra barcode stickers

### User Supplied Materials



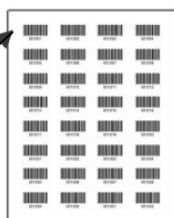
Disposable gloves



10% Bleach solution

## 2 Identify and Label Seed Lot

Identify the seed lot to be tested. Add the barcode sticker that corresponds to the collection tube to the lot tube. The barcode number will appear in your testing report.



## 3 Collect Seeds

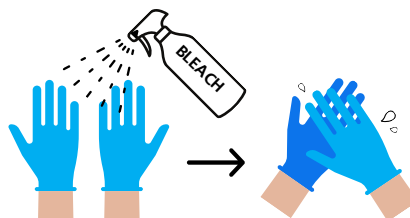
Put on disposable gloves and spray covered hands with 10% bleach. Once dry, collect your seeds.

**If collecting from large batches:** collect 10-30 seeds. Try to collect seeds from multiple areas in the container. If possible, do not mix seeds from different mothers of the same strain as this will reduce the chances of catching positive seeds in the lot. Do not include more than 50 seeds in a single tube.

**If collecting seeds from a limited batch,** 1-2 seeds can be submitted.

## 4 Sterilize between Lots

Always sterilize hands with bleach when moving from one seed lot to another.



## 5 Ship Samples to TUMI Genomics

Place collection bags in the box they were shipped in or a bubble mailer. Ship samples to:

**ATTN: Tassa Saldi, PhD**  
**TUMI Genomics**  
**320 East Vine Drive Suite 129**  
**Fort Collins, CO 80524**

**The turnaround for seed testing is 3 business days**

## Have 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.