

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



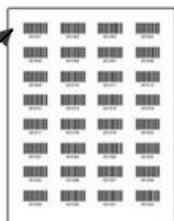
Disposable gloves



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

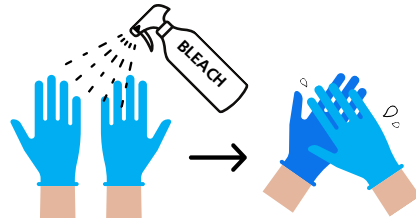
Put on disposable gloves and spray covered hands with 10% bleach. Once dry, collect your seeds.

If collecting from large batches: collect 10-50 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 48-72 business hours

Have questions?

See the FAQ section of our website or contact us at (720) 807-8864 or 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.