



Instructions for sending root samples for grapevine virus and crown-gall testing.

The following instructions will guide you on how to collect and send grapevine-root samples to CCOVI's grapevine virology lab for both virus testing as well as crown gall testing.

A. LABEL THE SAMPLE COLLECTION BAG

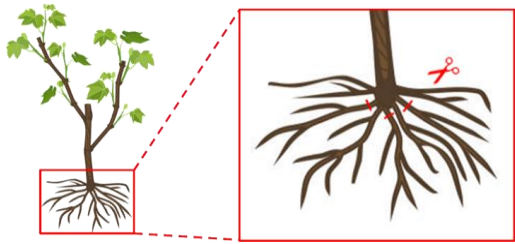
Label each sample collection bag (typically, medium-sized freezer Ziploc bag or any other bag with a closure) using a permanent marker with the following information.

- a. Name of the Vineyard
- b. Name or Number of the Block
- c. Name of the Variety/Cultivar
- d. Number of the Row
- e. Number of the Panel or Post
- f. Number of the Vine

Example: AA/B10/CH/R1/P2/V3 (Vineyard name short form / Block number / Varietal name / Row number / Panel (post) number / Vine number)

B. Sending root samples: Dormant grapevine or Potted Vines

Gently lift the vine out of the pot and remove the soil to reveal the root system. Cut 3-4 lateral roots (not structural roots) where the diameter gets to 1-2mm and separate out the cuttings (root tip/hair can be removed). Wash the roots to remove the soil (only for potted vines) and then completely dry the sample. It is ideal to place a paper towel in each sample bag to keep the roots dry during shipping.



Cut the root samples



Wash and dry root cutting



Sample ready for shipping

C. SAMPLE TRANSPORT

Submitting samples on the same day of collection is highly recommended. If sending by mail, please store leaf samples in a Styrofoam box with an ice pack and seal the samples before shipping overnight. Samples can be stored short-term (up to 48hrs) at 40C. If storing, make sure sample bags are marked with the date of sampling.

Sample submittal forms will be available online. Send the samples along with sample submission form using the shipping information below.

SHIPPING LABEL

Grapevine Virology Lab
Cool Climate Oenology and Viticulture Institute
Brock University. 1812 Sir Isaac Brock Way
St. Catharines, ON, Canada. L2S 3A1

CONTACT US

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