

# SAMPLING GUIDE

## Virus & Viroid



### Keep in mind!

To confirm a plant is truly negative for viral pathogens, we recommend testing several times on a single plant in question (3 to 4 different tests/samples), or 10 times per variety if stock mother plants are maintained in a facility (ex. If a vegetative stock room has five different “ABC” stock plants, then two samples should be taken/tested per plant). We also recommend testing every two to four weeks to ensure plants stay virus negative.

First fully expanded leaf including petiole  
(fifth from growing tip).



### Sampling Instructions

- **MATERIALS NEEDED: Scissors/pruning shears, 10% bleach solution to soak scissors/shears, clean paper towels, pen, disposable gloves, a cooler with ice (or close fridge access), a refrigerator.**
- For each strain/cultivar you wish to test, sterilize a pair of scissors by soaking in 10% bleach solution for 10 minutes and wipe dry with fresh paper towel (this is to ensure there is no contamination between samples).
- Label the sample tubes or place each tube in an individual bag and label the bag.
- Put on a fresh pair of disposable gloves (for each strain/variety) and remove a 1-cm root sample and a stem/leaf sample.
- Using the sterilized scissors, cut a petiole sample from the stem/leaf approximately 1-2 cm long.
- Combine the root and petiole samples (about 100mg/0.1g).
- Open the sample tube and add the combined root and petiole samples and close the tube.
- Invert the tube 5-10 times to ensure all plant material is coated.
- Immediately place the sample into a cooler with ice or directly into a refrigerator.

**Keep samples cool. Ship overnight or 2-day on M/T/W (morning arrival time) with ice packs. Samples should not come into direct contact with ice packs. Let air out of bags before shipping.**

All samples must be accompanied by a fully completed Sample Submission Form. Fillable version available on our website [www.newagelaboratories.com](http://www.newagelaboratories.com).

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