



PLANT TISSUE ANALYSIS FOR TENDER FRUIT AND GRAPES

Submitted By: _____
 Contact Name: _____
 Address: _____
 City: _____ Postal: _____
 Phone: _____
 Cell: _____
 Fax: _____
 Email: _____
 Date Submitted: _____

Submitted For: _____
 Contact Name: _____

The lab requires a minimum dry sample weight of 30g to perform the analysis.

Reported By: Email () Web () Fax () Mail ()

Samples must be taken at the proper time and in the proper way. See instructions on the back of the submission form. Send samples in paper bags, clearly identified. Fill out this form completely.

Basic Analysis Nitrogen, phosphorus, potassium, magnesium, calcium	Complete Analysis Basic analysis plus zinc, manganese, copper, iron, boron, sulphur	Aluminum								
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Sample ID	Location	Crop Type (Grapes, Peaches)	Variety	Rootstock	Age						

Samples received without payment or prior credit arrangement will not be processed. Please make cheque payable to SGS Canada Inc, or contact the laboratory with credit card information.

Please contact the laboratory for pricing information.

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Sampling

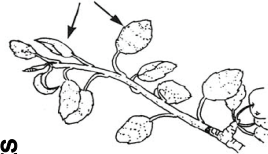
Time of sampling and the part of the plant sampled have a major effect on nutrient levels within a plant. Results may be difficult to interpret if samples are taken at times other than recommended. However, plant suspected of being nutrient deficient should be sampled as soon as the problem appears. Take one sample from the problem area and one from a good area. Comparison of these samples will assist in interpretation.

Note: Each sample should be a representation of 30 grams of dry material.

Sample Preparation

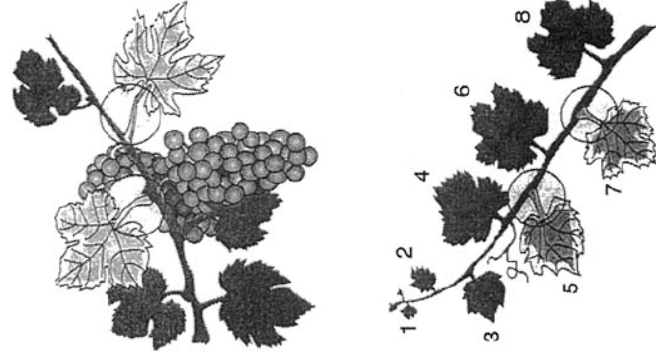
1. Care is needed not to contaminate the sample with soil, galvanized or brass materials as this can make the results invalid particularly for micronutrients.
2. Place plant material in labelled paper bags. **Note: Do not store in plastic bags!**
3. Deliver fresh samples direct to laboratory. If samples are stored or in transit for more than one day, they should be dried completely. Air-dry samples, or dry in an oven at temperatures below 65°C.

Tree Fruits



- ⇒ Mature mid-shoot leaves should be selected for analysis for tree fruits
- ⇒ For tree fruits, sample during the first two weeks of July.
- ⇒ Collect ten leaves from ten trees for a total of about one hundred leaves.

Grapes



- ⇒ Select petiole opposite either of the basal clusters just before harvest for regular petiole analysis.
- ⇒ Save the petiole and discard the blade
- ⇒ Collect petioles taken from the most recently developed, full sized leaf for trouble shooting early in the season
- ⇒ Sample each vineyard area separately.
- ⇒ For grapes in Ontario, sampling time has been standardized to late August or early September.
- ⇒ Collect 100-300 petioles, depending on size.
- ⇒ Use a random pattern to include all of the field or sample problem areas separately.