

GRAPES

Take the petiole from the first fully expanded leaf – usually the fourth or fifth leaf back from the growing point of the runner. **BE SURE TO TAKE WHOLE LEAF & STEM (petiole), not just the leaflets.**

Sample at least **120 petioles**, randomly across the block to obtain a representative sample. If the petioles are small, more petioles will need to be collected. The part to be tested is the petiole (leaf stalk).

If you require a Sap 4 analysis, please collect **two times** as many petioles.

Monitoring program

Begin sampling when canes are 30 cm long. Continue weekly or fortnightly to harvest. Strategic sampling times are 30 cm canes, early flowering, early fruit set, fruit fill, pre-harvest, and post-harvest.

Additional Notes:

- To ensure that the laboratory is able to perform the entire test suite required and that the optimal levels supplied on the laboratory report are relevant, please ensure that the above instructions are followed.
- Place samples into a plastic sample bag, not in paper, as paper will dry out the sample and may not allow for enough sap to be extracted for the analysis requested.



1ST FULLY EXPANDED LEAF

GRAPES

DIFFERENTIAL SAP ANALYSIS

Sampling for new leaf and old leaf testing:

- Take the petiole from the first fully expanded leaf – usually the fourth or fifth leaf back from the growing point of the runner. BE SURE TO TAKE WHOLE LEAF & STEM (petiole), not just the leaflets. This will be your NEW LEAF SAMPLE.
- Take the petiole from the from an old leaf from the same growing stem. BE SURE TO TAKE WHOLE LEAF & STEM (petiole), not just the leaflets. This will be your OLD LEAF SAMPLE.
- Sample randomly across the block to obtain a representative sample. If the petioles are small, more petioles will need to be collected. If the old leaves are dry, more petioles will need to be collected. The part to be tested is the petiole (leaf stalk).

Monitoring program:

- Begin sampling when canes are 30 cm long. Continue weekly or fortnightly to harvest. Strategic sampling times are 30 cm canes, early flowering, early fruit set, fruit fill, pre-harvest, and post-harvest.

