

BASIL

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

Sample at least **150 leaves**. If the leaves are small, then more leaves will be required. Collect leaves randomly across the sampling area to obtain a representative sample. The part to be tested is the petiole (leaf stalk) and the midrib.

If you require a Sap 2 or 3 analysis please collect **twice** as many leaves.

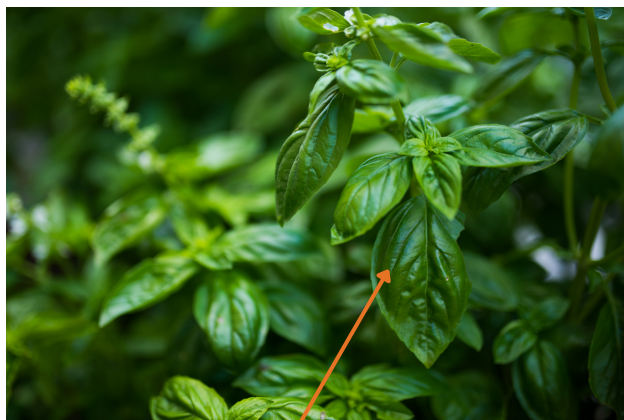
If you require a Sap 4 comprehensive analysis please collect **three times** as many leaves.

Monitoring program

Begin sampling at 5 true leaf stage. Sample weekly or fortnightly until 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.



1ST FULLY EXPANDED LEAF

- The sample size of 150 leaves is based on an average leaf of 10 cm in length. If leaves are smaller, more will need to be collected.
- 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.

BASIL

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 blade. 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 blade. 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) and the midrib.

