

# LEAF SAP SAMPLING GUIDE

## Strawberry



### Keep in mind!

- Avoid outer rows and first 20 feet of a row.
- Sample leaves with average leaf quality. Sample areas of abnormal growth separately.
- Sample consistently; sunny side of tree, avoid extreme weather etc.
- If leaves are wet at sampling lightly pat dry before shipping (moisture influences results).
- Sap Analysis data works best when used in progression. The more samples the better crop nutrient uptake can be illustrated and understood.
- Note fertilizer and irrigation times and application rates if possible.
- Sample either before or 3+ days after fertilizer/pesticides have been applied.



### Sampling Instructions

**Sample Time:** Sample in the morning before 11 a.m. and temperatures less than 80 °F to ensure adequate leaf tension and moisture. Avoid sampling in the rain. Store samples in cooler.

**Sample Size:** Collect 100+ grams each of both new (young) and old trifoliolate leaves + petiole for a collected total of 200+ grams per sample set. Bag new and old leaves separately in quart sized zip lock bags labeled New and Old.

**Initial Sampling:** Begin sampling when plant develops 4+ trifoliolate leaves. Place stacked newest fully expanded leaves + petiole in zip locked bag labeled New.

**Sequential Samples:** New/Old trifoliolate leaf set every 2+ weeks.

**NEW-** Sample youngest fully open trifoliolate leaves from the top of the plant. Place stacked trifoliolate leaves + petiole in a zip lock bag labeled NEW.

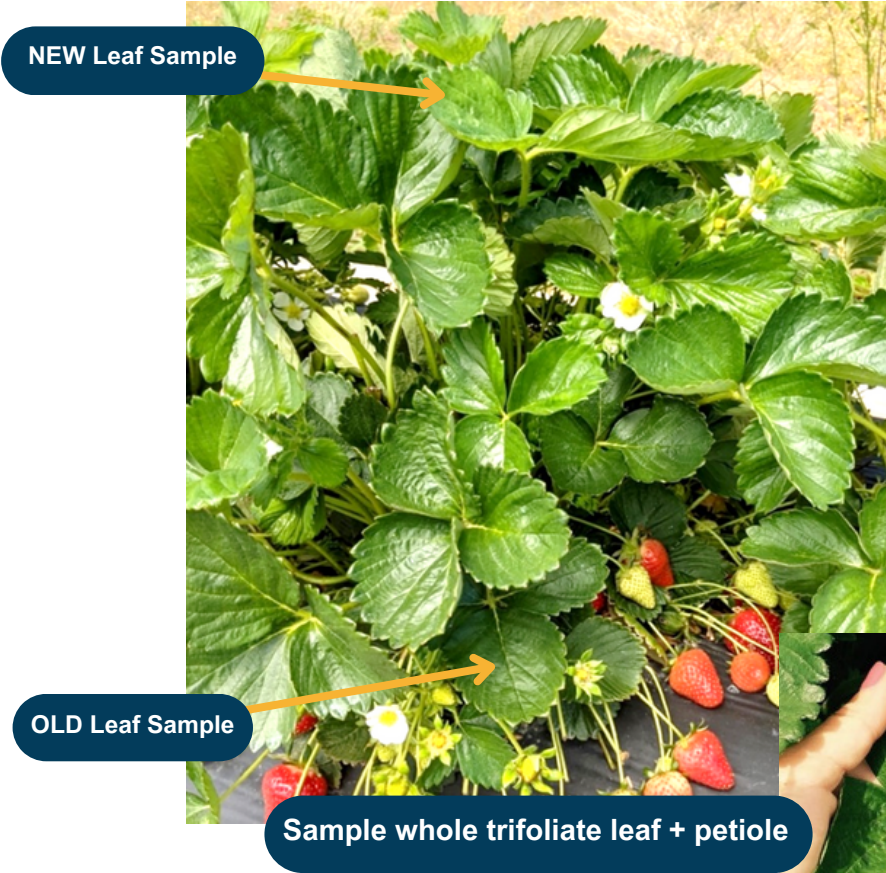
**New leaf = newest yet fully developed trifoliolate leaf + petiole.**

**OLD-** Sample still healthy and functional trifoliolate leaves, usually 2nd lowest leaf from base of the plant. Place stacked leaf + petiole in separate gallon zip lock bag labeled OLD.

**Old leaf = oldest yet still viable trifoliolate leaf and petiole.**

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**\*\*Do not mix varieties when sampling as this may cause variation in analyses\*\***

**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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160 Veterans Blvd, South Haven, MI 49090 (269) 637-5658 (888)-685-1628