

LEAF SAP SAMPLING GUIDE

Strawberry



Keep in mind!

- Avoid outer rows and five 20 feet of a row.
- Sample leaves with average leaf quality. Sample areas of abnormal growth separately.
- Sample consistently; sunny side of plant, 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, irrigation times and application rates if possible.
- Sample either before or 3+ days after fertilizer/pesticides have been applied.



Sampling Instructions

Sample Time: Take samples before 11 a.m. and temperatures less than 80 °F to ensure adequate leaf tension and moisture.

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

Initial Sampling: Begin sampling when plant develops 4+ trifoliolate leaves. Collect NEW fully developed trifoliolate leaves + petiole only. Place leaves in zip lock bag labeled NEW. Growth stage: vegetative.

Sequential Samples: New/Old trifoliolate leaf sample set every 2+ weeks. Stages of growth: flower or fruit fill

NEW- Sample youngest fully formed trifoliolate leaf + petiole at the top of the plant. Place stacked leaves in zip lock bag labeled NEW.

New leaf = newest yet fully developed trifoliolate leaf and petiole.

OLD- Sample oldest yet still healthy and functional leaves, 2nd or 3rd to last leaf from the base of the plant. Place stacked leaves in separate 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.

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