

LEAF SAP SAMPLING GUIDE

Pistachio



Keep in mind!

- Consistency in sampling is key. Sample both young and old leaves from the same tree. Decide if both male and female trees are to be sampled or female.
- Avoid outer rows and first 20 feet of a row.
- Sample trees with average leaf quality. Sample areas of abnormal growth separately.
- Sample consistently on sunny side of the tree at a consistent height (about shoulder height), avoid non-fruiting terminals and extreme weather conditions.
- 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.
- Sample either before or 3+ days after foliar/ fertilizer/pesticides have been applied.



PC: Nichols Farms

Sample entire compound leaf with petiole



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Sampling Instructions

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

Sample Size: Collect 90+ grams each of both new (young) and old leaves + petiole for a collected total of 180+ grams per sample set. Collect new & old leaves separately. Label gallon zip lock bag: New or Old. Fill bag 3/4 full of leaf sample.

Initial Sampling: When young leaves are fully expanded and developed. New leaves only, place in bag labeled NEW.

Sequential Samples: New and Old leaf set every 2-3 weeks (from 1st new flush to peak harvest).

NEW - Sample youngest fully expanded leaves from the growing part of the plant. Place leaves in bag labeled NEW. New leaf = newest yet fully developed leaf.

OLD - Sample farthest leaves from the growing point that are still functional. Place leaves in a separate bag labeled OLD. Old leaf = oldest yet still viable leaf.

****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.