

LEAF SAP SAMPLING GUIDE

Citrus



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; 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 for 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 leaf + petiole for a collected total of 200+ grams per sample set. Bag leaves separately labeled New and Old.

Initial Sampling: Sampling can begin at any time though starting at flush will ensure there are both new and old leaves. Sampling right before bud development will initiate an entire growth cycle. Sample new leaves that are fully developed and expanded. Place stacked leaf + petiole in zip lock bag. New fully expanded leaves only. Growth stage: leaf expansion

Sequential Samples: New and Old leaf sample set every 2+ weeks in combination with stages of growth: budding, flower, fruit set (cell division), fruit expansion and fruit ripening. Cell division, fruit expansion and ripening stages are months long and could be sampled multiple times within these stages.

NEW- Youngest fully formed leaf will be third or fourth leaf from the growth point of the shoot. Place stacked leaf + petiole in zip lock bag labeled NEW.

OLD- Still healthy and functional leaves which are the second or third to last leaf from the base of the shoot. Place stacked stacked leaf + petiole in separate zip lock bag labeled OLD.

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

LEAF SAP SAMPLING GUIDE

Citrus



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.

Science You Can Use, Partners You Can Trust

160 Veterans Blvd, South Haven, MI 49090

(269) 637-5658

(888)-685-1628