

LEAF SAP SAMPLING GUIDE

Almond



Keep in mind!

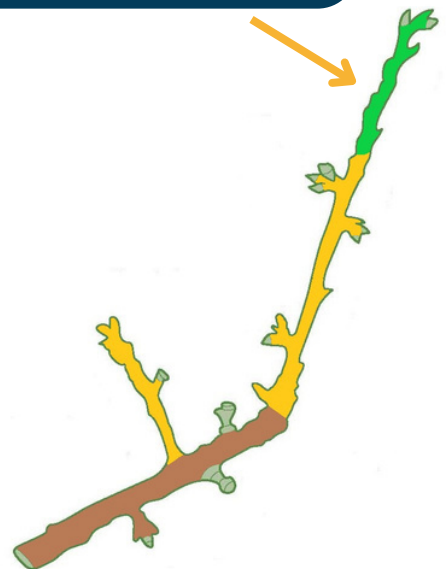
- Avoid outer rows and first 20 feet of a row.
- Sample leaves with average leaf quality. Sample areas of abnormal growth separately.
- Sample consistently on sunny side of the tree and avoid extreme weather.
- If leaves are wet at sampling lightly pat dry before shipping
- (moisture influences results).
- 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.
- 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.



Sample leaf and petiole together

Petiole

Sample from 1st year green wood growth



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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 100+ 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: Begin sampling at leaf out when new leaves are fully developed and expanded, place in zip lock bag.

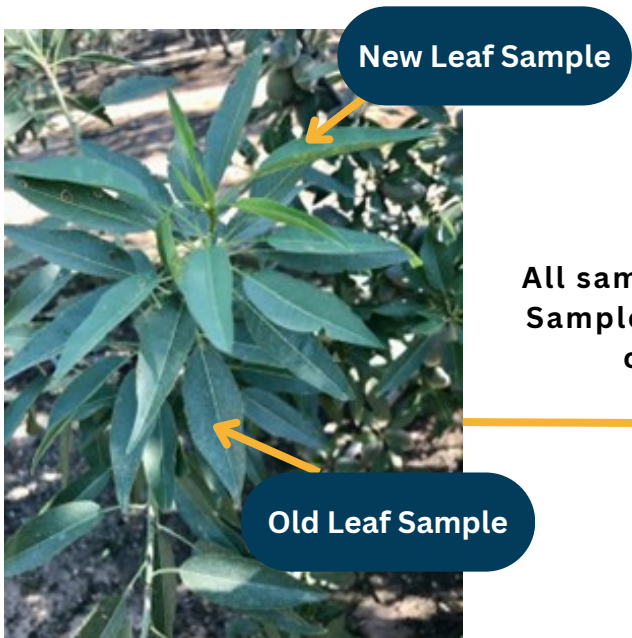
Sequential Samples: Subsequent samplings are New/Old leaves.

NEW - Youngest fully formed leaf which will be 2nd or 3rd leaf from the growth point of the shoot. Place leaves in zip lock bag labeled NEW.

OLD - Still healthy and functional leaves which will be the last or 2nd to last leaf from the base of the green wood growth. Place leaves in a separate zip lock bag labeled OLD.



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



All samples must be accompanied by a fully completed Sample Submission Form. Fillable version available on our website www.newagelaboratories.com.