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; 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.

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.

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

Initial Sampling: Begin sampling at leaf out when new leaves are fully developed and expanded, place in zip lock bag. New fully expanded leaves only.

Sequential Samples: New & Old leaf set every 2+ weeks.

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. **New leaf = newest yet fully developed leaf.**

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. **Old Leaf = oldest yet still viable leaf.**

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

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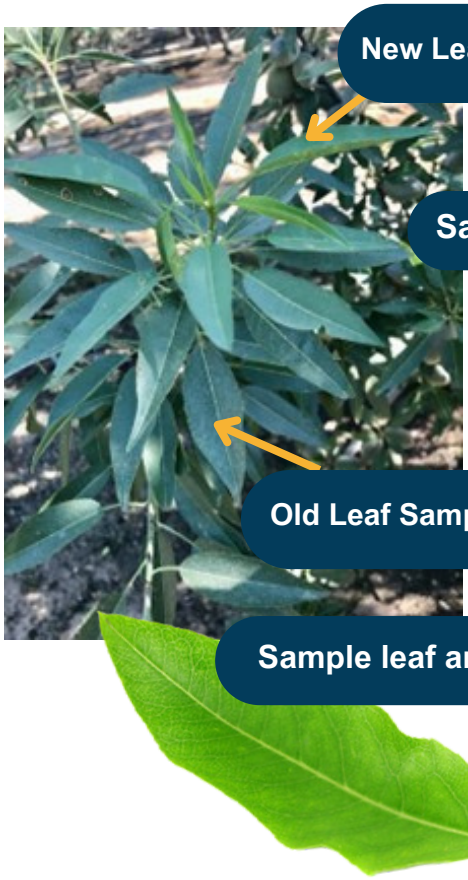

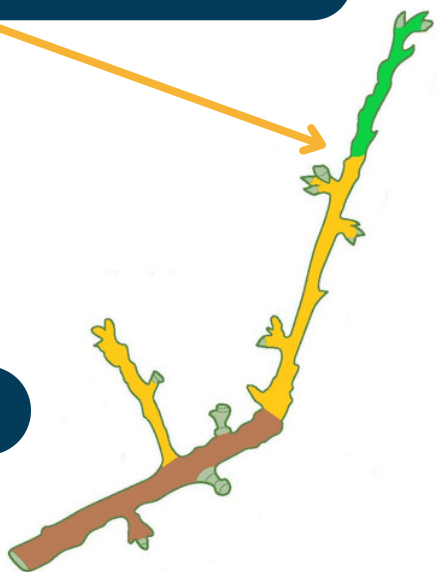

NEWAGE Laboratories and Agronomical Services

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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