



*FOR MID-SIZED AND MATURE TREES, ANY OF THE ABOVE POSITION PAIRS IS ACCEPTABLE (NEW/OLD)

TRANSPLANT	SAPLING	YOUNG TREE	MID-SIZED TREES *	MATURE TREES *
RECOMMENDED SAMPLING INTERVAL				
SPROUTING	BUD BREAK	BLOOM	PETAL FALL	POST-HARVEST

Apple Leaf Sampling Instructions

- Collect NEW leaves and OLD leaves SEPARATELY in individually labeled bags:
 - New = newest recently mature growth from the top of the plant
 - Old = oldest still-viable growth from the bottom of the plant
- Collect a representative field sample, including one new leaf and one old leaf, from 20-30 plants of the same cultivar and growing conditions. Each sample (new and old) should fill a **1 qt plastic bag**.
- Remove petioles and all other non-leaf plant material from sample leaves.
- Complete a Leaf [Sampling Label](#) (linked) with your contact info, crop, cultivar, field/block info, new/old leaf, and desired agronomy services. Affix labels to the outside of each sealed plastic sample bag. (**Do not use paper bags or include paper in bags**)
- Keep samples viable by minimizing shipping time and using cold packs and/or insulated packaging when shipping leaves in warm conditions. Wrap frozen cold packs in paper to insulate them from direct contact with samples.
- Mail samples to the address on the back of your sampling label.
- You will receive a bill after we process the sample. Pre-purchase samples at [Regen Aquaculture](#). or contact us for a quote at sales@regenaquaculture.com.

DO NOT SEND ANY INTERNATIONAL LEAF, SOIL, OR WATER SAMPLES WITHOUT PRIOR WRITTEN APPROVAL FROM Regen Aquaculture

TIPS FOR BEST RESULTS:

- **Request Regen Aquaculture** for nutrient target range and detailed recommendations.
 - **Include notes** about growth stage, health, pests/disease, and other points to help us serve you.
 - **Be proactive** by conducting 5-7 plant sap analyses throughout the growing process (recommended sampling intervals are listed in the table above).
 - **Solve stress, pests, or toxicities** by testing and treating weekly until optimal health is achieved.
 - **Collect leaves at a consistent time** of day, preferably before 10 a.m., to ensure minimal transpiration - about two hours after sunrise is optimal. For indoors, sample within one hour of the light cycle start.
 - **Ensure leaves are clean of dew, dirt, and fertilizers** - wash with clean, cold, non-chlorinated water if needed.
 - **Ensure leaves are surface-dry** (not dried out) before bagging - use a paper towel or air-dry if needed.
- *Please do NOT leave paper towels (or anything that will dry out leaves) in bags with samples.