

1. Sample New Leaves and Old Leaves EACH SEPARATELY in and place into individually labeled bags

- a. New --Most Recently Mature New Growth
- b. Old --Most Still Viable Old Growth



New



Old



Remove Petioles

- 2. REMOVE PETIOLES—This is a Leaf Analysis, not a Petiole Analysis—DO NOT INCLUDE PETIOLES**
- 3. Stack leaves in bag if possible
- 4. Sample Volume minimum 10 leaves OF EACH NEW AND OLD (or APPROX. ½- ¾ FULL 1 QT ZIPLOCK BAG EACH)
- 5. Complete submission label, including cultivar and leaf location information and affix labels to sealable plastic bags (***Do not use paper bags or tissue sample bags***)
- 6. Mail samples to:

Apical Crop Science
1382 Se 3rd Ave
Suite 4
Canby, Or 97013

Recommended Sample Timing	
Growth Stage	Importance
6" Shoots	1
Pre-Bloom	4
Buckshot	2
Bunch Closure	5
Veraison	3

Tips for best results

- 1. Always sample at a consistent time of day, preferably prior to 10 am to ensure minimal transpiration
 - About 2 hours after sunrise is optimal
- 2. Ensure samples must be as clean as possible—dew, dirt, dust, & fertilizers on leaves can affect test accuracy.
 - If samples are not clean, wash leaves with clean, non-chlorinated cold water to remove dust or dirt.
- 3. Samples must be dry before placing into plastic bag--dew, rain, condensation can affect test accuracy.
 - If samples are not dry, please dry with paper towel or air dry to ensure leaves are not wet in sample bag