

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**
3. Stack leaves in bag if possible
4. Sample Volume minimum 10-30 leaves OF EACH NEW AND OLD (or APPROX. ¼-½ 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**

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 (Indoor—within 1 hour of light cycle start).
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