

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

1. New --Most **Recently Mature** New Growth
2. Old --Most **Still Viable** Old Growth



**New**

**Old**

3. **REMOVE PETIOLES**
4. Stack leaves in bag if possible
5. Sample Volume minimum 8-15 full size leaves OF EACH NEW AND OLD--APPROX. ½-3/4 FULL **1 QT ZIPLOCK BAG**
6. 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**)
7. Mail samples to:

**Apical Crop Science**  
**1382 Se 3<sup>rd</sup> 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. Ensure samples are dry before placing into plastic bag--dew, rain, condensation affect accuracy.
  - If samples are not dry, please dry with paper towel or air dry to ensure leaves are not wet in sample bag