



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

**Samples prior to ELONGATION can be of the whole plant*

1. New --Most **Recently Mature** New Growth
2. Old --Most **Still Viable** Old Growth
3. Stack leaves in bag if possible; roll lengthwise when needed
4. Select *a* representative sample the field including a minimum 20-30 full size leaves OF EACH NEW AND OLD-- APPROX. ½ FULL **1 QT ZIPLOCK BAG (Use 1 gallon ziplock bags and roll leaves lengthwise AFTER ELONGATION)**
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. 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