

Thank you for choosing Rimrock Analytical for your analytical needs! We look forward to serving as your laboratory partner and seek to provide best in class service and data using cutting edge analytical processes and equipment. To ensure the best possible data, please read these instructions thoroughly and feel free to reach out with any questions prior to collecting and submitting samples (*contact information is provided below*).

### Leaf Tissue Sampling for Gender ID:

1. Put on a clean pair of nitrile gloves to avoid possible sample contamination.
2. Using a permanent marker, label each of your sample tubes ensuring the label matches the sample ID on your Chain of Custody (CoC) form.
  - a. Sample labeling can be as simple as “1, 2, 3...” or more specific to meet your needs. The ID should be unique for each sample and be recognizable to you as they will be labeled in the same way on your final analytical report.
3. Select a leaf to sample ensuring it is clear of any debris or foreign plant material. Plant gender ID is best suited for plants 2 weeks of age or older, showing leaves at the second node, at minimum.
4. Using the provide microcentrifuge sample tube, carefully close the lid over a section of leaf to be sampled, pinching the lid closed. This will remove a “hole-punch” sized sample and contain it within the sample tube. Once the lid is securely closed, the sample is complete. *See photo below:*
  - a. Ensure you select the correct pre-labeled tube for the collected leaf sample.



Firmly snap lid closed over section of leaf to be sampled.

- b. Alternatively, you can use the provided brass hole punches by pressing down on the leaf with a sterile surface on the back side to extract a hole section of leaf. Carefully transfer the leaf sample to the provided pre-labeled sample tube.
5. Ensure your CoC is completed and return with samples using the provided pre-paid return shipping label.

Contact Rimrock Analytical at [taylor@rimrockanalytical.com](mailto:taylor@rimrockanalytical.com) or by phone at (970)210.9197 with any questions.