



RECOMMENDED SAMPLING INTERVALS						
TRANS PLANT	EARLY VEGETATIVE	MIDDLE VEGETATIVE	PREFLOWER	FLOWERING	FLOWERING-LATE	FLOWER-PROTECT

Hemp Leaf Sampling Instructions:

(As of June 2019, we can accept Hemp samples with a THC concentration below 0.3 percent)

1. Sample New Leaves and Old Leaves ***SEPARATELY*** and place into ***individually labeled bags***.
 - a. New = newest **recently-mature growth** from the top of the plant.
 - b. Old = oldest **still-viable growth** from the bottom of the plant.
2. Select a **representative field sample** of a new and an old leaf from 20-30 plants of the same cultivar and growing conditions. Each representative sample (new and old) should ***fill a 1qt plastic bag***.
3. **Remove petioles**, and all other non-leaf plant material from sample leaves.
4. Complete a **Sampling Label** (linked), including contact info, crop, cultivar, and new/old leaf. Affix labels to the ***outside*** of each sealable plastic sample bag. ***(Do not use paper bags or include paper in bags)***
5. Cold Packs and/or insulated packaging are recommended when shipping ***leaf samples*** in warm conditions. Wrap frozen cold-packs in paper to insulate them from direct contact with samples.
6. Mail samples to:
(please include a copy of your hemp license)

<p>Apical Crop Science 1382 SE 3rd Ave Suite 4 Canby, OR 97013</p>
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Tips for best results:

1. **Obtain optimal plant health** by conducting ***7 Leaf Extract Analyses*** throughout the growing season (sampling intervals listed in the table above).
2. Always sample at a consistent time of day, preferably prior to 10 am to ensure minimal transpiration - about two hours after sunrise is optimal. For indoor, sample within one hour of light cycle start.
3. Ensure samples are as clean as possible - dew, dirt, dust, and fertilizers can affect test accuracy.
 - o If samples are not clean, wash leaves with clean, non-chlorinated cold water.
4. Ensure samples are surface-dry (**not dried out**) before bagging - dew, rain, and condensation affect accuracy.
 - o If samples are not dry, please dry with paper towel or air dry to ensure leaves are not wet in sample bag.
 - o ***Please do NOT leave paper towels (or anything that will dry out leaves) in bags with samples.***