

# LEAF SAP SAMPLING GUIDE

## Cannabis Spp.



### Keep in mind!

- Avoid outer rows and ends of a row.
- Sample leaves with average leaf quality. Sample abnormal growth separately.
- Sample consistently; sunny side of plant, avoid extreme weather etc.
- If leaves are wet at sampling lightly pat dry before shipping (moisture influences results).
- Sap Analysis data works best when used in progression. The more samples the better crop nutrient uptake can be illustrated and understood.
- Note fertilizer, irrigation times, application rates and growth stage if possible.
- Sample either before or 3+ days after fertilizer/pesticides have been applied.



### Sampling Instructions

**Sample Time:** Sample in the morning before 11 a.m. or 2-4 hours after lights on, and temperatures less than 80 °F for adequate leaf tension and moisture..

**Sample Size:** Collect 80+ grams each of both new (young) and old leaf + petiole for a collected total of 160+ grams per sample set. Bag leaves separately labeled New and Old.

**Initial Sampling:** Begin sampling when plants reach the fifth leaf stage or when first buds appear. Place leaves in zip lock bag labeled New. New leaves only.

**Sequential Samples:** New and Old leaf sample set every 2+ weeks.

**NEW-** Youngest fully expanded leaves from the growing point of the plant. Do not take more than 3 leaves from any 1 plant. Place leaves in zip lock bag labeled NEW.

**New leaf = newest yet fully developed leaf and petiole.**

**OLD-** Sample farthest leaves from growing point that are still viable and fully expanded. DO not take more than 3 leaves from any 1 plant. Place stacked leaves in separate zip lock bag labeled OLD.

**Old leaf = oldest yet still viable leaf and petiole.**

**\*\*Do not mix varieties when sampling as this may cause variation in analyses\*\***

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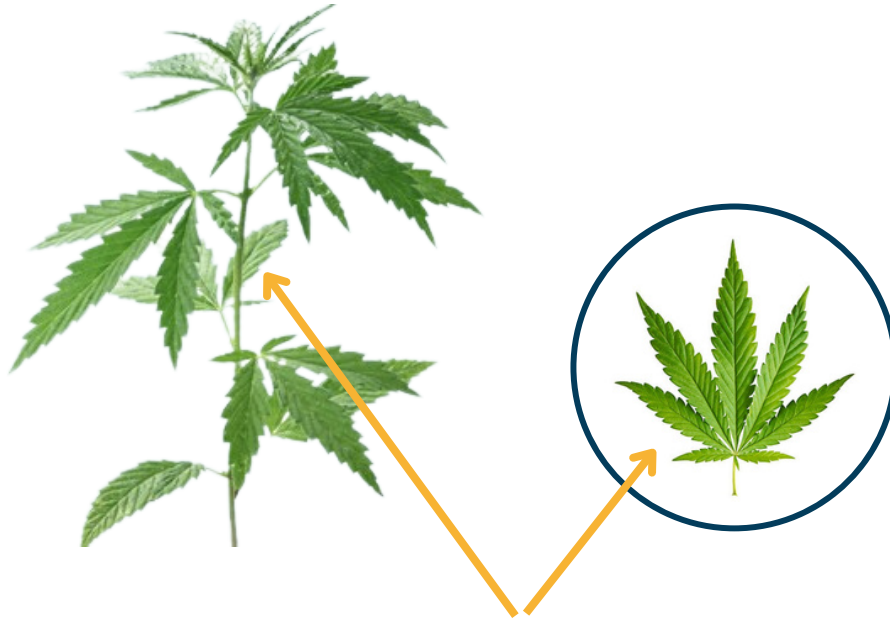
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First fully expanded leaf including petiole (fifth from growing tip).  
The individual fingers are leaflets.

**Keep samples cool. Ship overnight or 2-day on M/T/W (morning arrival time) with ice packs. Samples should not come into direct contact with ice packs. Let air out of bags before shipping.**

**\*NEW AGE will not accept any samples containing bud or flower. Samples are assumed to be less than 0.3% THC and come from live botanical plants with no dry tissue matter.\***

**All samples must be accompanied by a fully completed Sample Submission Form. Fillable version available on our website [www.newagelaboratories.com](http://www.newagelaboratories.com).**

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