

# LEAF SAP SAMPLING GUIDE

Cannabis Spp.



## Keep in mind!

- Select 10 average representative areas in the field/grow for monitoring.
- Avoid outer rows and extreme ends of rows.
- Sample consistently from event to event (for outside grow select sunny side of plants, avoid extreme weather etc.).
- Select average representative plants - avoid diseased plants. If diagnostic analyses are desired sample these plants separately.
- **Do not** mix varieties in the sample as varietal variation is still being established (please identify on submission).
- Sample from 8am - 11am (outside grow operations) or 2 to 4 hours after lights on for controlled operations, but monitor the same time each sampling event.
- Do not sample immediately after rain - note heat or cold stresses.
- Note fertilizer and irrigation times and application rates if possible.



"Agriculture is our wisest pursuit, because it will in the end contribute most to real wealth, good morals, and happiness."

Thomas Jefferson

## How & When

- Begin sampling when plants reach the fifth leaf stage or when first buds appear, monitor weekly or every other week until harvest.
- **Collecting New Leaves** take the first fully expanded leaf down from the growing point of the plant. Do not take more than 3 leaves from any 1 plant. From your 10 locations through the crop select 5 to 6 leaves at each location (minimum of 80 grams per sample).
- **Collecting Old Leaves** take the farthest leaf from growing point that is still vital that is fully expanded leaf. Do not take more than 3 leaves from any 1 plant. From your 10 locations through the crop select 5 to 6 leaves at each location (minimum of 80 grams per sample).
- **BE SURE TO TAKE WHOLE LEAF NOT JUST THE INDIVIDUAL LEAFLETS INCLUDING PETIOLE.**
- **QUICKSOIL Samples** If collecting QS to pair with New Leaf Sap. Collect soil sample at each of the 10 sampling locations, homogenize and bag rapid soil and 1 cup soil sample.

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160 Veterans Blvd, South Haven, MI 49090 (269) 637-5658 (888)-685-1628

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



## Handling & Transport

- Collect dry samples.
- Stack leaves and place into Ziplock bags.
- Remove all excess air before sealing.
- Keep cool and "dry" - **DO NOT** freeze or sit in direct sun.
- 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.
- **DO NOT** over pack - compression will cause deterioration.
- Place sample submission chain of custody (COC) form in shipping container with samples or utilize sample login portal on our website.

**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.**

**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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