

LEAF SAP SAMPLING GUIDE

Hydroponic Greens



Keep in mind!

- Avoid outer rows and first 10 feet of a row.
- Sample leaves with average leaf quality. Sample areas of 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 and irrigation times and application rates if possible.
- Sample either before or 3+ days after fertilizer/pesticides have been applied.

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



Sampling Instructions

Sample Time: Sample in the morning before 11 a.m. and temperatures less than 80 °F for adequate leaf tension and moisture. Avoid sampling in the rain. Store samples in cooler.

Sample Size: Collect 6-25+ entire plants, depending on plant variety, size, and age (no roots). Bag leaves in gallon zip lock bags and avoid breaking or tearing the leaves by packing 1-2 mature plants per bag.

Baby Greens: Begin sampling when young plants are 3+ inches tall. Sample 25 plants in their entirety. Sample is for young leaf only. Place plants in zip lock bag labeled New. *If pairing young leaf sap sample with a water sample, collect at the same time.*

Maturing Greens: Sample weekly. Sample 6-12 plants in their entirety depending on head size or crown bunch size. Use gallon size zip lock bags. NEW AGE will separate young & old leaf samples. Ex. Mature Romain or Butterleaf - 6 plants, Mature Arugula or Spring Green - 12 plants.

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.

Science You Can Use, Partners You Can Trust

160 Veterans Blvd, South Haven, MI 49090

(269) 637-5658

(888)-685-1628