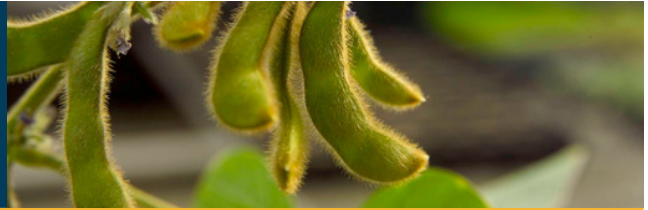


LEAF SAP SAMPLING GUIDE

Soybean



Keep in mind!

- Avoid outer rows and first 20 feet of a row.
- Sample leaves with average leaf quality. Sample plants of abnormal growth separately.
- Sample consistently; sunny side of the 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.
- Sample either before or 3+ days after fertilizer/pesticides have been applied.



Sampling Instructions

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

Sample Size: Collect 80+ grams each of both new (young) and old trifoliolate leaf + petiole for a collected total of 160+ grams per sample set. Bag new & old leaves separately in gallon zip lock bags labeled New or Old.

Initial Sampling: Begin sampling when plant develops first trifoliolate leaf. New fully expanded trifoliolate leaves + petiole only in zip lock bag labeled NEW. Growth stage: V2

Sequential Samples: New and Old trifoliolate leaf set every 2 weeks in conjunction with growth stages: V4-V12, R1 (beginning bloom), R2 (full bloom), R3 (beginning pod) and R4 (pod fill), pre-harvest.

NEW - fully open trifoliolate leaves are at the top of the plant. Place leaves in zip lock bag labeled NEW. **New Leaf = newest yet fully developed leaf.**

OLD - still healthy and functional trifoliolate leaves are 2nd or 3rd lowest leaf from the base of the plant. Place leaves in a separate bag labeled OLD. **Old leaf = oldest yet still viable leaf.**

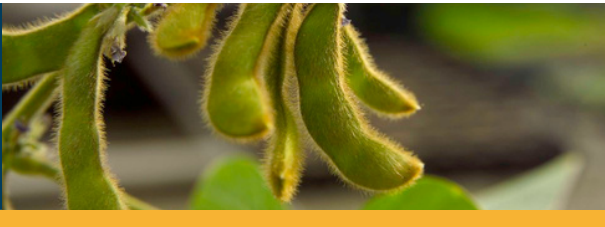
****Do not mix varieties when sampling as may cause variation in analyses****

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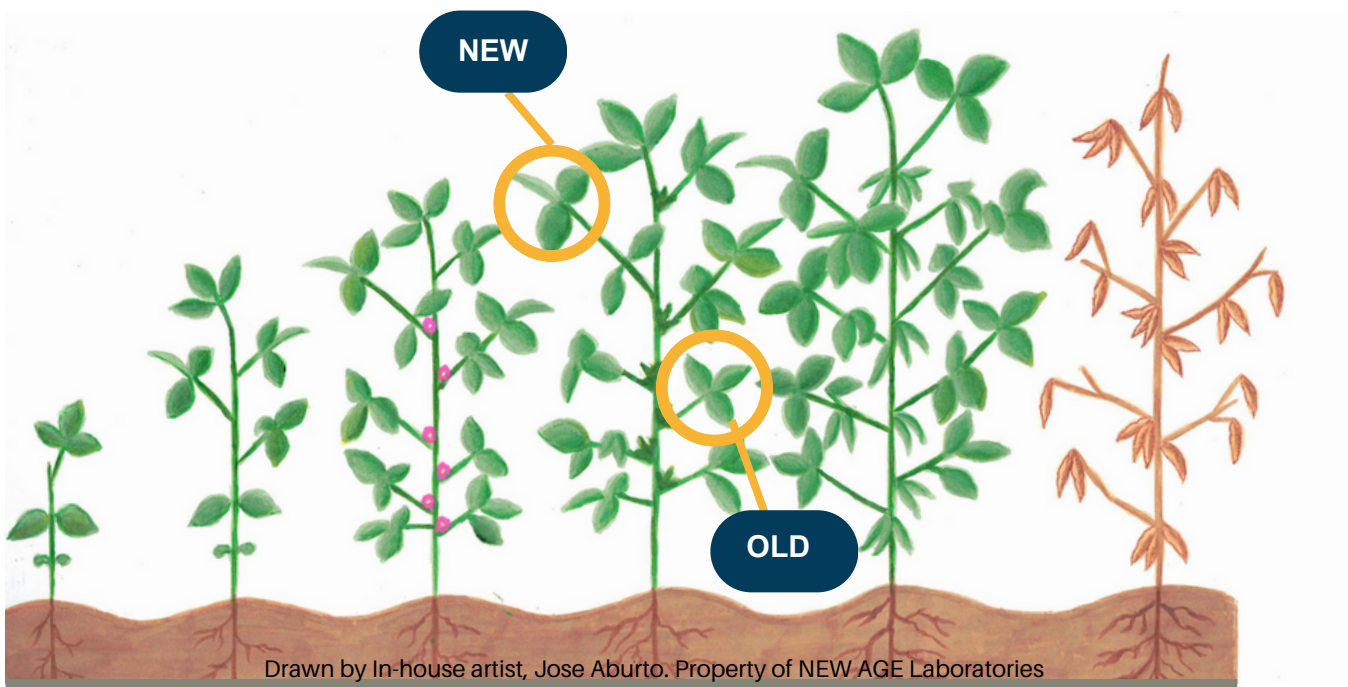
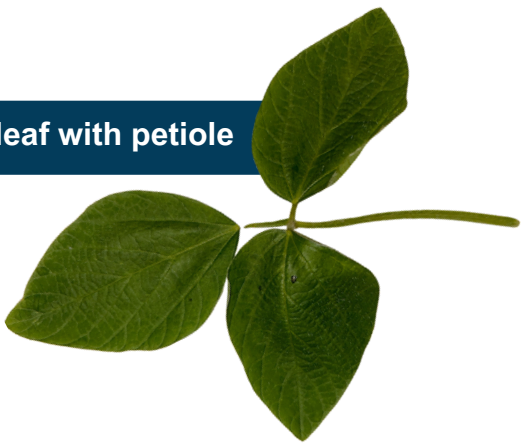
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LEAF SAP SAMPLING GUIDE

Soybean



Sample entire trifoliate leaf with petiole



Drawn by In-house artist, Jose Aburto. Property of NEW AGE Laboratories

V 1 V 3 R 1 R 3 R 5 R 8

Keep samples cool. Ship overnight or 2-day on M/T/W (morning arrival time). Ship samples 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.

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