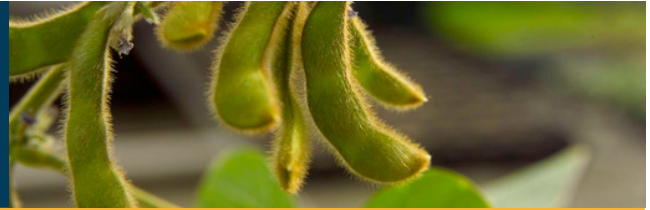


LEAF SAP SAMPLING GUIDE

Soybean



Keep in mind!

- Avoid outer rows and first 20 feet of a row.
- Sample trees with average leaf quality. Sample areas of abnormal growth separately.
- Sample consistently on sunny side of the plant and avoid extreme weather conditions.
- 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.



New Leaf Sample



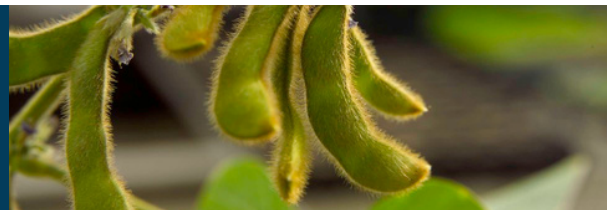
Old Leaf Sample

Sample entire trifoliate leaf with petiole as seen below.



LEAF SAP SAMPLING GUIDE

Soybean



Sampling Instructions

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

Sample Size: Collect 80+ grams each of both new (young) and old leaves for a collected total of 160+ grams per sample set. Collect new & old leaves separately. Label gallon zip lock bag: New or Old. Fill bag 3/4 full of leaf sample.

Trifoliolate Leaf: Leaf divided into 3 leaflets (sample entire leaf).

Initial Sampling: Begin sampling when young plant develops first trifoliolate leaf. New fully expanded trifoliolate leaves only. Place stacked leaves in zip lock bag.

Sequential Samples: New and Old trifoliolate leaf set every 2 weeks.

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****



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.

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