Plant Leaf Tissue Sampling



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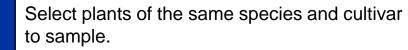
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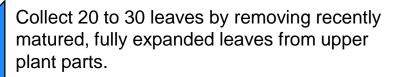
To best identify nutrient disorders or to determine the nutrient status of a crop, growers should sample leaf tissue for nutrient analysis. To sample leaf tissue for general routine nutrient analysis, follow this general procedure:

STEPS

QUICK



Smaller-leaved species may require sampling more plants to obtain enough leaf tissue than species with larger leaves.



Gently wash sampled leaves in distilled water for 20 to 30 seconds and pat dry.

Removes fertilizer, spray residues, or other contaminates. Follow your preferred lab-specific sampling and preparation procedures.

Place leaf samples in a paper bag or lab issued envelopes and label with sample date, crop/cultivar, and location for sample.

Do not place leaf samples in plastic bags due to the potential of rot.

Provide all requested information to your preferred lab such as crop notes, fertility regimen, chemical applications, and/or when the symptoms were first noticed.

Mail or ship leaf tissue sample(s) within 24 hours.













Photos by: W. Garrett Owen, Ph.D.