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PLANT TISSUE Sampling Guidelines

COTTON

Recommended timing

Begin sampling at first pin square. First pin square is the first visible fruiting bud, and is generally found between nodes 5 and 7. Subsequent samples may be taken as frequently as desired until harvest. Key growth stages include first bloom, full bloom, and first open boll.

Sampling

For all samples, select the youngest, fully expanded leaf from the top. Do not sample from side branches. Separate the leaf from the petiole. Use petiole for $\text{NO}_3\text{-N}$, $\text{PO}_4\text{-P}$, and K. Use the leaf blades for all other nutrients.

Preferred analyses

All samples – Test codes 1155 or 1156.

