

# MAIZE

Select the thickest stalk in each stool. Select the first (youngest) leaf with a visible dewlap.

Sample at least **40 leaves**, selected randomly through the sampling area to obtain a representative sample. Avoid distorted or stunted plants.

Send whole leaves from young plants, but remove the leaf tips to leave 30 cm of leaf when sampling more mature plants. If the leaves are small, more leaves will need to be collected.

If necessary, seedlings can be sampled by sending 60 whole plants.

If you require a Sap 4 comprehensive analysis please collect **two times** as many leaves.

## Monitoring program

Sampling can begin from about 30 cm high, in conjunction with "Quick Soil" tests. Sample fortnightly or as required, depending on fertigation frequency.



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## DIFFERENTIAL SAP ANALYSIS

### Sampling for new leaf and old leaf testing:

- Select the thickest stalk in each stool. Take the first leaf with a visible dewlap. BE SURE TO TAKE WHOLE LEAF (30cm tips can be discarded). This will be your NEW LEAF SAMPLE.
- Take the oldest leaf from the same growing stalk. BE SURE TO TAKE WHOLE LEAF (30cm tips can be discarded). This will be your OLD LEAF SAMPLE.
- If the leaves are small, more leaves will need to be collected. If the old leaves are dry, more will need to be collected. The part to be tested is the midrib.



**NEW LEAF**  
(1ST FULLY  
EXPANDED LEAF)

**OLD LEAF**