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Substrate sampling is an important nutrient monitoring practice to evaluate substrate pH, electrical conductivity, and nutrient status, and to prevent nutrient disorder development. To sample substrates for routine nutrient analysis, please follow this general procedure:

STEPS

1

Select 5-10 plants of the same crop (species and cultivar) in the same container size and substrate blend.



2

Remove the pot from each plant and collect a subsample of substrate from each root ball by either:



A

Removing a wedge-shaped slice from the top to the bottom of the pot (exclude the top 0.5").

B

Pinching a handful of substrate from the center third of the root ball.



3

Combine all subsamples into a container and thoroughly mix to produce a single, homogenous sample. Be sure to remove large roots and other debris.



4

Place 1 to 2 cups of sampled substrate in a plastic bag, seal, and prepare for shipment.

