

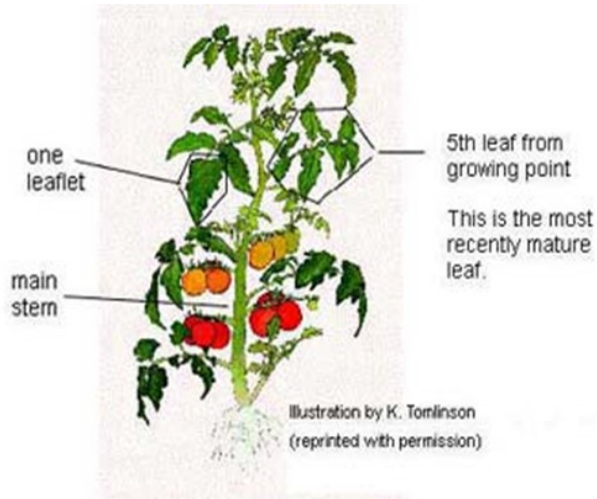


Plant Tissue Sampling for Tomato

How: Collect 1-2 leaves per plant to make a representative sample. Collect 10 to 15 leaves total. Collect mature leaves from mid-portion of current season's growth.

Specify Growth Stage: Seedling (S), Early (E), Bloom (B), Fruiting (F), and Mature (M).

Plant Part: Sample the most recently mature leaves (MRMLs), generally the 4th to 5th compound leaf back from the growing point.



Tips

- Fill out the plant sample information form as completely as possible.
- Specify whether the crop is grown in the **greenhouse** or **field** as this will determine your recommendations.
- Specify the **growth stage** and whether your sample is **Predictive** (routine) or **Diagnostic** (troubleshooting). For diagnostic testing, submit a plant sample from both a “good” (healthy) and “bad” (unhealthy) area.
- Use paper bags for storing and mailing. Don't put your leaves in a plastic bag. They will rot.

Standard analysis includes: nitrogen, phosphorus, potassium, calcium, magnesium, sulfur, iron, manganese, zinc, copper, aluminum and boron.

Fees: \$5 per sample for N.C. growers (\$25 for out-of-state; \$12 for N.C. researchers).

Turnaround time: 2 days from receipt.

Send samples to: N.C.D.A.&CS Agronomic Services-Plant Lab

Mailing address:

1040 Mail Service Center, Raleigh, NC 27699

Physical Address:

4300 Reedy Creek Rd, Raleigh, NC 27607

Phone: (919) 733 2655