Plant Tissue Sampling for Peanut

**When to sample:** Prior to (E) or at bloom (B)

**Plant part to collect:** Most recently mature tetrafoliate leaf (MRML) which is about 3rd to 5th leaf from growing point

**Collect:** 25-30 leaves from 15-20 plants

---

**Tips**

Fill out the Plant Sample Information form as completely as possible.

Specify the **growth stage** and whether your sample is **Predictive** (routine) or **Diagnostic** (troubleshooting). For diagnostic testing submit a sample from both a “good” (healthy) and “bad” (unhealthy) area.

**Tips:** 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:** NCDA&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