



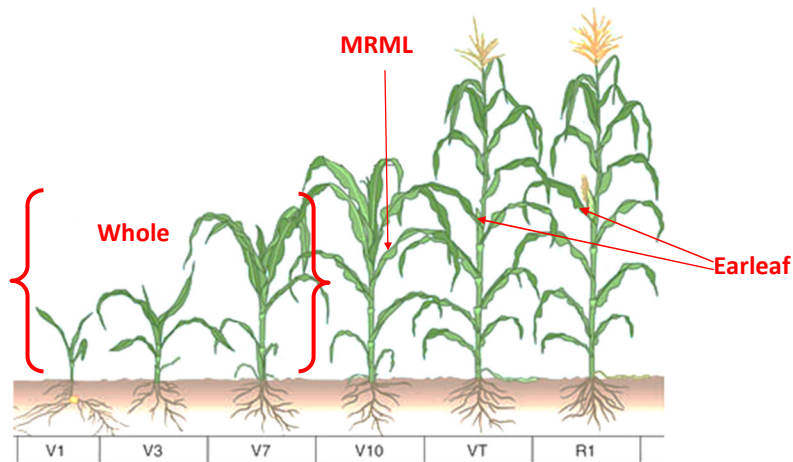
Yield Contest Study Plant Tissue Sampling Instructions

Tissue analysis will be used to study nutrient status of NC Corn Yield Contest entries and supporting soil.

Seedlings (< 4") and Early (< 12"): Cut the Whole plant 1" above soil. 20 plants.

Early (> 12"; ~ V10): Collect the first Most Recent Mature Leaf (MRML) below the whorl with a collar. 20 plants.

Tasseling (VT) through Silking (R1) : Earleaf: adjacent to and directly below the uppermost developing ear. 20 plants



Tips

- Complete the partially pre-filled Plant Sample Information Form
- Specify the **growth stage** and mark your sample **Predictive** (routine)
- Use paper bags for storing and mailing. Don't put samples in a plastic bag. They will rot!
- Dry using a microwave, conventional oven, or warm/hot dry area as described at [Corn Tissue Sampling Instructions](#)

Standard analysis includes: N, P, K, Ca, Mb, S, Fe, Mn, Zn, Cu, B.

Fees: \$5 per sample will be charged to Study escrow account at NCDA&CS.

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

Amended by Dr. Jeff White for the Corn Yield Contest Study.

For more detailed information, go to the Plant Tissue Analysis page at www.ncagr.gov/agronomi or contact the regional agronomist for your area.