

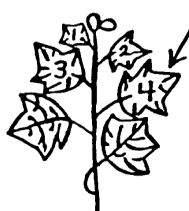
How To Sample Cotton Petiole

SAMPLING TIME AND INTERVALS

Start taking leaf and petiole samples at the **sight of the 1st bloom**. This will be 45-55 days, depending on the variety, after a full stand. Continue weekly sampling for nine weeks. Samples should be taken the same day each week if possible. The parameters used for recommendations are based on the date of first bloom and weekly sampling periods.

SAMPLING TECHNIQUE

Sample the 4th leaf and petiole from the top, not counting the small leaves on fruiting spurs at the terminal. Samples should be taken in the same area of the field each week. Take approximately 25 leaves and petioles for each sample. Separate the petiole and the leaf and send both at the first and fifth sampling period. For the remaining sample periods (7), send the petiole and discard the leaf blade.



SAMPLING SCHEDULE

WEEK NO. 1 - At the sight of first bloom take both a **PETIOLE and LEAF** sample, place the petioles in the envelope labeled Week No. 1. Place the leaves in the plant bag labeled Week No. 1. Place the corresponding envelope containing petiole in the same bag and send together.

WEEK NO. 2 thru 4 - Sample **PETIOLE ONLY** and place in the envelope labeled for that week.

WEEK NO. 5 - Sample both the **PETIOLE and LEAF** as in week No. 1, place the petioles in the envelope labeled Week No. 5. Place the leaves in the plant bag labeled Week No. 5. Place the corresponding envelope containing petiole in the same bag and send together.

WEEK NO. 6 thru 9 - Sample **PETIOLE ONLY** and place in the envelope labeled for that week.

Fill out the information form completely. Insert the form in envelope with petioles. Always use the same kit for each field. Seal and mail immediately.

IT IS EXTREMELY IMPORTANT TO HAVE THE DATE OF FIRST BLOOM RECORDED WITH THE FIRST PETIOLE SAMPLE AND TO TAKE SAMPLES ON SCHEDULE.