

Extension - Based Diagnostic Service for Cotton Aphid Fungus

Sampling Kits

Enclosed in this sampling kit:

- Vials containing 70% ethanol
- Data sheets and vial labels
- Cardboard mailing tubes
- Fed Ex envelopes and air bills

SAMPLING INSTRUCTIONS

1. **As soon as aphids begin to appear, use one vial per field to collect samples containing a total of ca. 100 aphids each.**
2. **Cut or tear off pieces of leaf containing the most aphids. This is easier than trying to get whole leaves into the vial.**
3. **Try to sample four REPRESENTATIVE areas of the field per sample vial.**
4. **Place a label in the vial (field name, date county, state) written in PENCIL.**
5. **Fill out a data sheet in PENCIL for each field sampled. Provide as much information as you can. Please DO NOT FOLD data sheet.**
6. **Close vial lid tightly to prevent leakage. Wrap vials in paper towel before placing in mailing tubes (vials are breakable) Place data sheets and mailing tubes containing vials in a Fed Ex envelope. Send multiple samples in the same Fed Ex envelope to save on shipping costs.**
7. **If RESULTS ARE NOT NEEDED URGENTLY, send by 2 DAY ECONOMY. If RESULTS ARE NEEDED URGENTLY, send PRIORITY OVERNIGHT. To call Federal Express for pick-up, dial 1-800-463-3339. To ensure same-day pick-up, call Federal Express in the morning.**

Additional kits can be obtained from:

Dr. Donald Steinkraus
319 Agriculture Bldg.
Department of Entomology
University of Arkansas
Fayetteville, AR 72701
phone # 501-575-5024
FAX # 501-575-5024
e-mail aphid@uark.edu

All sampling results and project information may be
accessed on the internet at
<http://www.uark.edu/misc/aphid>