

Data Sheet
Extension - Based Diagnostic Service for Cotton Aphid Fungus

Please complete this data sheet **in pencil** and enclose it in the Fed Ex envelope along with the sample. Provide as much information as you can.

1. Field name _____ county _____ state _____

2. Sample date (month/day) _____ / _____ 2007

3. Contact person to whom sample results should be sent.

Name _____

Address _____

Tel. # _____

Fax # _____

e-mail _____

4. Grower Name _____

5. Are you considering using insecticides to control cotton aphids in this field within the next 7 days?
(Please circle one) Yes No

6. How urgently do you need the sample results? (Please circle one)
A. Urgently, as soon as possible B. Within 7 days.

7. Aphid infestation in this field? (Please circle one)
A. High B. Medium C. Low

8. Approximate number acres ? _____

8a. Cotton variety? _____ Planting date? _____

*Please complete **Items 9 & 10** on one of the data sheets sent **early in the sampling season.***

9. How many spray applications **targeted primarily against aphids** were used in this field in **2006**?
applications = _____ @ approx. \$ _____ per acre (cost for each application)

10. How many spray applications (if any) were avoided in **2006** due to the **expectation** that fungus would control cotton aphids? _____ If spray applications were avoided, please give details regarding how badly plants were infested, and whether satisfactory control by fungus was obtained.

*Please complete the **next section** on one of the data sheets sent **near the end of the sampling season.***

11. How many spray applications **targeted primarily against aphids** were used in this field in **2007**?
applications = _____ @ approx. \$ _____ per acre (cost for each application)

12. How many spray applications (if any) were avoided in **2007** due to the **expectation** that fungus would control cotton aphids? _____ If spray applications were avoided, please give details regarding how badly plants were infested, and whether satisfactory control by fungus was obtained.

Please leave this area blank for use by our diagnostic team.

Percentage *N. fresenii* infection _____ % Number of aphids examined _____

Date that results were reported to contact person (month/ day/ year) _____ / _____ / 2007

This Research is Supported by Cotton Incorporated

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

