



Date: _____ Field: _____ Grower: _____
 Time: _____ Sampler: _____ Cotton Stage: _____

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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Sum
A +/-																
N +/-																

	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	Sum
A +/-																
N +/-																

Adults ➔ total infested: _____
 % Infested: _____

Nymphs ➔ total infested: _____
 % Infested: _____

Cooperative Extension

Whiteflies in Arizona: Cotton Sampling Card No. 8 (rev. 7/1/97)

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- Sample 30 leaves (15 from 2 areas in the field).
- Score leaf with 3 or more adults as infested (+).
- Score disk (7/8 inch diam.) as infested (+) if large nymphs are present.
- Sum infested leaves.
- Determine % infested leaves & disks from tables.
- Obtain corresponding average number of adults per leaf and nymphs per disk.
- Use IGRs when there are at least 1 nymph per disk and 3-5 adults per leaf. For all other chemistry, spray at 5 adults per leaf.

Nymphs

Number Infested	Percent Infested*	Average Per Disk
8	26	0.5
12	40	1
16	52	1.5

Adults

Number Infested	Percent Infested*	Average Per Leaf
1	3.4	0.3
2	6.7	0.6
3	10	0.8
4	13	1
5	17	1.3
6	20	1.5
7	23	1.8
8	27	2.1
9	30	2.3
10	33	2.6
11	37	2.9
12	40	3.2
13	43	3.6
14	47	3.9
15	50	4.3
16	53	4.7
17	57	5.1
18	60	5.5
19	63	6.0
20	67	6.5
21	70	7.1
22	73	7.7
23	77	8.4
24	80	9.2
25	83	10.2
26	87	11.3
27	90	12.8
28	93	14.9
29	97	18.4
30	100	34.9

*Infested leaf = A 5th leaf disk with 1 or more nymphs.

*Infested leaf = A 5th leaf with 3 or more adults.