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# Tomato—Potato Aphid Monitoring

## Supplement to UC IPM Pest Management Guidelines: Tomato

Grower/Orchard \_\_\_\_\_ Date \_\_\_\_\_

Field location \_\_\_\_\_

### How to monitor

1. Pick the leaf below the highest open flower on 30 plants selected at random throughout the field.
2. Record presence or absence of potato aphid on each leaf. Also note natural enemies, including lady beetles, syrphid fly larvae, and aphid mummies.

Information collected over a period of years tells you how weed populations are changing and how effective your management operations have been.

Leaf	Potato aphid (+/-)	Natural enemies
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
<b>Total leaves infested</b>		
<b>Treatment threshold</b>	Treatment is warranted if 50–60% of leaves are infested.	High rates of parasitization or predators may reduce aphid numbers before they reach these thresholds.

**Map of your field**

**N**

