

# Citrus Canker Urban Epidemiology -Site 1

Total trees: 6051 Diseased: 1752 (29%)

- Focal to secondary infected tree distances were calculated via a VB routine.
- Distances are presented to the nearest 50 ft.
- Possible distance of spread diminishes with each successive window examined.
- CCEP regulatory agency decided to use the 99% level.

Temporal Window	No. Focal (Alpha) Trees	No. 2ndary-Infected Trees	% Captured at 125 ft	90%	95%	99%	Max Distance
1st 1-Mo Window	38	15	13	800	4150	4150	4150
2nd 1-Mo Window	52	39	33	1450	1450	1650	1650
3rd 1-Mo Window	90	73	41	1200	1600	1900	1900
4th 1-Mo Window	162	235	30	700	800	1450	1450
5th 1-Mo Window	396	124	36	350	500	700	750
6th 1-Mo Window	519	32	69	250	950	950	950
1st 2-Mo Window	38	53	24	1450	1450	4150	4150
2nd 2-Mo Window	90	307	22	1050	1400	1650	2100
3rd 2-Mo Window	396	155	39	350	600	950	950
4th 2-Mo Window	550	490	56	300	350	700	850
1st 3-Mo Window	38	125	24	1400	1450	3200	4150
2nd 3-Mo Window	90	430	22	950	1250	1600	2100
3rd 3-Mo Window	396	420	45	350	350	450	950
1st 4-Mo Window	38	359	14	1400	1650	2150	4150
2nd 4-Mo Window	90	461	21	950	1300	1800	2250
3rd 4-Mo Window	396	644	46	350	650	850	950

# Citrus Canker Urban Epidemiology -Site 2

Total trees: 6019 Diseased: 971 (16.1%)

- Focal to secondary infested tree distances were calculated via a VB routine.
- Distances are presented to the nearest 50 ft.
- Possible distance of spread diminishes with each successive window examined.
- CCEP regulatory agency decided to us the 99% level.

Temporal Window	No. Focal (Alpha) Trees	No. 2ndary-Infected Trees	% Captured at 125 ft	90%	95%	99%	Max Distance
1st 1-Mo Window	21	17	17.8	2050	3400	3400	3400
2nd 1-Mo Window	28	7	14.3	950	950	950	950
3rd 1-Mo Window	30	1	0	450	450	450	450
4th 1-Mo Window	53	23	39.1	450	500	700	700
5th 1-Mo Window	130	31	48.4	450	1050	2050	2050
6th 1-Mo Window	253	48	68.8	400	450	550	550
1st 2-Mo Window	21	24	12.5	2700	3050	3400	3400
2nd 2-Mo Window	30	23	39.1	450	500	700	700
3rd 2-Mo Window	82	80	52.5	400	500	2050	2050
4th 2-Mo Window	253	205	38.5	800	800	1900	1950
1st 3-Mo Window	21	24	12.5	2750	3050	3400	3400
2nd 3-Mo Window	30	54	39.1	450	700	2050	2050
3rd 3-Mo Window	82	179	62.5	550	1050	3050	3050
4th 3-Mo Window	253	210	38.5	800	1000	1000	1950
1st 4-Mo Window	21	47	12.7	2150	2750	3400	3400
2nd 4-Mo Window	30	102	35.3	450	600	1600	2050
3rd 4-Mo Window	82	283	30	1500	2250	3050	3100
4th 4-Mo Window	253	278	36.7	750	1000	1950	2200

## Citrus Canker Urban Epidemiology -Site 3

Total trees: 1094 Diseased: 32 (2.9%)

Temporal Window	No. Focal (Alpha) Trees	No. 2ndary-Infected Trees	% Captured at 125 ft	90%	95%	99%	Max Distance
1st 1-Mo Window	2	2	0	200	200	200	200
2nd 1-Mo Window	8	6	33.3	1950	1950	1950	1950
3rd 1-Mo Window	15	10	20	900	900	900	900
4th 1-Mo Window	18	5	0	850	850	850	850
1st 2-Mo Window	2	4	0	650	650	650	650
2nd 2-Mo Window	4	3	0	200	200	200	200
3rd 2-Mo Window	7	7	28.6	1950	1950	1950	1950
4th 2-Mo Window	15	15	6.7	900	900	900	900
1st 3-Mo Window	2	2	0	650	650	650	650
2nd 3-Mo Window	3	3	0	200	200	200	200
3rd 3-Mo Window	7	7	0	1950	1950	1950	1950
4th 3-Mo Window	15	16	6.3	2000	2200	2200	2200
1st 4-Mo Window	3	4	0	650	650	650	650
2nd 4-Mo Window	7	3	0	200	200	200	200
3rd 4-Mo Window	7	7	0	1950	1950	1950	1950
4th 4-Mo Window	9	16	6.3	2200	2200	2200	2200

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