

Appendix 1. Summary of outbreaks of QFF (*Bactrocera tryoni*) in 'Adelaide and its surrounds', SA from 1970/71 to 1998/99.

Data for each outbreak showing the year and (a) the suburb in which the outbreak occurred, (b) the outbreak declared on flies (F) or larval sites (L), (c) number of trapped flies and larval sites, (d) the spatial co-ordinates (mean X, mean Y) of the centroid of the outbreak, and (e) the distance (km) from the GPO which is at X = 12.6, Y = 41.4 on the fruit fly grid (Figs. 2a, b).

Year	Suburb	F or L	Out- break	Flies	Larval sites	Mean X	Mean Y	Km to GPO
1970/71	Stepney	L	1	5	1	15.4	41.8	3.1
	Seaton	F	2	62	7	3.8	37.9	9.2
1971/72	Parafield Gardens	L	1	13	1	13.6	27.3	14.1
	Morphetville	L	2	0	1	7.4	49.8	9.8
1972/73	nil							
1973/74	Hillcrest	L	1	1	2	16.0	34.9	7.3
	Highbury	L	2	17	21	21.5	34.1	11.6
	Vale Park	F	3	23	37	15.0	37.6	4.4
1974/75	nil							
1975/76	Camden Park	L	1	0	1	7.4	47.3	7.8
	College Park	L	2	3	7	14.3	41.0	1.9
	Toorak Gardens	F	3	12	5	15.5	42.8	3.5
	Elizabeth South	F	4	3	1	17.1	20.7	21.2
1976/77	Clovelly Park	F	1	3	11	10.0	51.2	10.2
	Cowandilla	F	2	3	1	8.7	43.5	4.3
1977/78	Collinswood	F	1	14	19	12.8	38.1	3.2
	Somerton Park	F	2	3	2	5.7	51.1	11.7
	Highgate	F	3	47	7	14.5	46.3	7.3
	Underdale	F	4	16	2	7.5	42.2	5.0
	Woodville South	F	5	6	2	6.1	38.7	6.8
	Morphetville	L	6	0	1	7.9	50.1	9.8
1978/79	Glenelg North	L	1	1	8	5.5	47.9	9.6
1979/80	Thorngate	L	1	6	3	11.6	38.9	2.4
	Seacliff Park	L	2	0	3	6.1	54.7	14.9
	Allenby Gardens.	F	3	16	10	8.2	39.9	4.3
	Royston Park	F	4	3	0	15.1	39.6	3.2
	Cheltenham	F	5	3	0	4.9	36.0	9.0
1980/81	Seaford	L	1	0	1	1.5	71.3	31.9

Year	Suburb	F or L	out- break	flies	larval sites	mean X	mean Y	kms to GPO
1981/82	Leabrook	L	1	0	1	17.6	42.5	5.1
	Hilton	F	2	6	0	8.9	42.7	3.7
1982/83	Largs North	L	1	2	4	2.4	30.5	14.7
	Lockleys	F	2	6	0	6.3	42.1	6.2
1983/84	Torrensville	F	1	3	0	9.2	41.8	3.2
	Hectorville	F	2	8	0	17.8	38.4	6.1
	Athelstone	F	3	6	1	21.6	36.6	10.4
	Malvern	L	4	5	0	13.4	46.8	5.6
1984/85	Joslin	F	1	5	0	14.5	39.5	2.6
	Prospect	F	2	3	0	12.0	37.1	4.2
1985/86	Marden	F	1	20	0	15.7	38.9	4.1
	College Park	F	2	5	1	14.1	41.4	1.8
	Dulwich	F	3	11	1	15.1	43.1	3.3
	Netley	L	4	0	3	7.7	45.6	6.4
	Fulham	F	4	9	0	4.2	43.1	8.3
1986/87	nil							
1987/88	Banksia Park	L	1	5	1	23.6	30.3	15.3
	Torrensville	L	2	0	1	8.7	42.8	4.0
1988/89	Kensington	L	1	4	10	15.8	42.5	3.6
	Mitchell Park	F	2	2	2	9.4	50.8	10.0
	Glynde	L	3	2	2	16.8	39.3	4.9
1989/90	Holden Hill	F	1	5	3	19.6	33.6	10.5
	Somerton Park	L	2	0	5	5.7	49.8	10.8
	Manningham	L	3	0	2	14.0	37.3	4.3
	Glandore	F	4	3	0	9.2	47.4	6.9
1990/91	Beulah Park	L	1	2	6	16.6	41.9	4.2
	Gilles Plains	F	2	2	0	17.3	33.8	9.0
	Croydon Park	F	3	5	0	9.4	37.3	5.0
1991/92	Royston Park	F	1	4	0	15.1	39.6	3.2
	Prospect	L	2	4	3	12.1	38.7	2.8
	Hindmarsh	F	3	10	1	9.1	40.8	3.3
1992/93	Willaston	L	1	0	1	24.5	3.6	39.6
	Ferryden Park	F	2	3	0	8.5	36.1	6.5
	Elizabeth West	L	3	0	1	17.3	16.8	25.0
	Ingle Farm	L	4	0	1	15.6	31.1	10.7
	Northfield	F	5	7	0	14.3	33.0	8.4

Year	Suburb	F or L	out- break	flies	larval sites	mean X	mean Y	kms to GPO
1993/94	Aldinga Beach	L	1	0	4	31.1	77.4	40.3
	Fairview Park	L	2	0	1	23.5	28.3	17.1
	Unley	F	3	7	0	13.0	45.1	4.0
1994/95	Clarence Gardens.	L	1	0	1	10.7	47.6	6.5
	Warradale	F	2	0	1	6.7	52.8	12.8
	Fairview Park	L	3	3	0	23.6	28.2	17.2
1995/96	Moana	F	1	2	2	1.9	74.1	34.5
	Glenside	L	2	7	9	15.7	44.2	4.4
1996/97	Linden Park	F	1	7	2	16.5	44.4	4.9
1997/98	nil							
1998/99	Glen Osmond	F	1	3	4	16.6	46.4	6.7

Appendix 2. Summary of outbreaks of Medfly (*Ceratitis capitata*) in ‘Adelaide, and its surrounds’, SA, from 1970/71 to 1998/99.

Data for each outbreak, showing the year and (a) the suburb in which the outbreak occurred, (b) whether the outbreak was declared on trapped flies (F) or larval sites (L), (c) the outbreak number, (d) the number of trapped flies and larval sites, (e) the spatial co-ordinates (mean X, mean Y) of the centroid of the outbreak, and (f) the distance (km). from the GPO General Post Office (GPO) which is at X = 12.6, Y = 41.4 on the fruit fly grid (Figs. 2 a, b).

Year	Suburb	L or F	Out- breaks	Flies	Larval sites	Mean X	Mean Y	Km. to GPO
1970/71	nil							
1971/72	Prospect	L	1	5	5	11.6	37.3	4.3
	Hazelwood Park	L	2	50	3	17.0	44.3	5.2
1972/73	nil							
1973/74	Kent Town	F	1	117	2	14.5	42.5	2.2
	North Adelaide	L	2	112	14	12.6	40.8	0.7
	Parkside	L	3	0	1	13.3	44.5	3.1
	Rosslyn Park	L	4	2	1	19.1	42.2	6.5
1974/75	Prospect	L	1	0	1	12.1	38.5	3.0
1975/76	Vale Park	L	1	67	7	14.9	38.5	3.8
1976/77	Vale Park	L	1	6	3	14.7	38.4	3.7
1977/78	Payneham	L	1	63	64	16.8	39.6	4.6
1978/79	Torrensville	F	1	52	0	8.4	42.8	4.4
	Cumberland Park	F	2	6	0	11.6	47.8	6.3
1979/80	Panorama	L	1	41	13	12.3	50.2	8.7
	Hectorville	F	2	37	8	17.8	39.4	5.6
	Pooraka	F	3	19	0	14.1	31.8	9.9
	City	F	4	14	0	11.8	43.5	2.1
1980/81	Northfield	L	1	75	7	14.2	33.7	8.0
	Para Hills	L	2	0	1	17.5	29.5	13.0
	Enfield	L	3	8	4	13.0	35.0	6.5
	St. Peters	F	4	2	1	14.8	40.8	2.3
	Pooraka	F	5	10	5	15.4	31.7	10.2
	Windsor Gdns.	F	6	2	0	18.3	35.5	8.2
	Greenacres	F	7	5	1	14.8	36.0	5.9
	Northfield	F	8	1	1	14.3	34.0	7.7
1981/82	nil							
1982/83	Mile End	F	1	13	5	10.0	42.9	2.9
	Wayville	L	2	32	2	11.8	45.1	3.7
	Albert Park	F	3	3	4	5.5	37.1	8.4
1983/84	nil							
1984/85	Glenelg North	L	1	9	6	5.7	48.2	9.6
	Unley	F	2	6	2	12.6	44.5	3.0
	Henley Beach	L	3	2	1	3.7	41.5	8.9
1985/86	Port Noarlunga	F	1	15	5	1.5	68.0	28.7
1986/87	nil							
1987/88	nil							

Year	Suburb	L or F	outbreaks	flies	larval sites	mean X	mean Y	kms to GPO
1988/89	Largs North	L	1	0	1	3.4	30.8	14.1
	Croydon Park	L	2	0	1	9.9	38.0	4.4
	Collinswood	L	3	25	2	13.5	38.3	3.3
	Payneham	L	4	0	1	16.5	39.3	4.5
	Christies Beach	L	5	3	5	2.2	67.1	27.6
	Vale Park	F	6	8	0	15.0	38.3	4.0
1989/90	nil							
1990/91	Netley	L	1	38	5	8.2	45.5	6.0
1991/92	nil							
1992/93	nil							
1193/94	nil							
1994/95	Torrensville	L	1	4	2	9.2	42.0	3.5
1995/96	Salisbury East	L	1	6	3	17.1	27.7	14.5
1996/97	Woodville North	L	1	10	2	7.0	36.8	7.3
1997/98	Ottoway	L	1	4	7	6.7	34.0	9.6
1998/99	Gawler West	F	1	1	0	23.7	7.3	36.0
	Maylands	L	2	0	1	16.3	41.5	3.7
	Beaumont	L	3	71	25	17.8	43.9	5.7
	Semaphore		4	18	7	2.0	33.5	13.3
	Henley Beach	F	5	4	0	2.9	40.4	9.7

Appendix 3. Interception data for SA roadblocks

Year	No. of vehicles per year			No. of vehicles			fruit kgs. confiscated			No. vehicles with Infested Fruit				
	Yamba	Pinnaroo	Cockburn/ Oodlawirra	Yamba	Pinnaroo	Cockburn/ Oodlawirra	Yamba	Pinnaroo	Cockburn	Ceduna	Yamba	Pinnaroo	Cockburn/ Oodlawirra	Ceduna
1970-71	125747	32361	34701	25369	8593	1907	1974	5977	2872	5418	3	1	1	13
1971-72	133029	38695	38332	29114	10018	2419	2488	7307	2917	5684	1		4	23
1972-73	134751	46189	39212	28257	10115	2895	2355	6207	3711	5109	1		0	21
1973-74	150578	54879	44047	32908	9199	3368	2779	6523	4861	5500	3	1	2	19
1974-75	149930	57797	50969	36104	10598	3726	3609	7080	3385	5979	3		2	12
1975-76	166063	61119	53128	40895	12695	4193	3275	7980	5815	3236	2	1	1	8
1976-77	178786	65330	59454	61654	15047	4764	3489	11582	6167	9495	0		3	37
1977-78	194700		52466	67080	16329	4905	3232	10642	6398	9182	0		3	17
1978-79	203300		52414	63707	17539	5755	3191	11019	7917	9244	0		0	17
1979-80	212000			39510	16392	5643	3759	8895	5485	6840	4		11	2
1980-81	220600			49662	16931	3299	3018	8275	5534	7554	5	1	4	7
1981-82	229200			52601	16886	3173	5267	9220	3914	9476	0	1	15	14
1982-83	237800			54003	14138	4052	3241	10241	4853	10708	0		7	37
1983-84	246500			56273	21739	5375	3699	9572	6511	3266	46	4	25	30
1984-85	255100			58436	21385	5790	3433	9032	6915	2825	1	2	21	41
1985-86	263700			59937	21928	6235	3736	7874	7632	3924	13	3	18	23
1986-87	272300			66584	21590	6805	3917	8021	8013	5799	15	6	31	14
1987-88	280314		91716	68343	21644	6980	4851	8871	7965	10717	8	3	35	26
1988-89	325015		95333	70509	22934	7762	5492	8394	8661	8627	29	1	34	33
1989-90	346803	108437	111539	70796	26094	8199	6533	8803	9132	10030	14	6	37	23
1990-91	257072	113405	109449	60772	22248	6693	5365	7672	7869	10041	13	2	14	18
1991-92	263651	129499	109918	59311	20138	6882	5243	6618	7986	8733	8	5	20	26
1992-93	288370	122849	121890	64078	21056	7003	5442	6978	8809	8920	9	3	32	24
1993-94	304272	125637	116844	59940	21266	7544	7186	7031	9276	12249	11	0	31	19
1994-95	328643	144580	134490	67999	20405	7651	7155	7204	9124	13749	6	1	26	16
1995-96	340425	124114	128131	66527	20612	8445	7747	8046	10205	12525	8	3	36	27
1996-97	278926	126557	132895	65753	20215	8856	11280	8268	11232	16488	12	2	14	15
1997-98	358504	207011	139951	68398	21281	9243	14140	8898	11606	19979	2	5	7	17

1998-99	362659	205629	163001	68691	23841	9703	13528	10179	44281	12721	23117	13282	1	1	3	27
means for last 10 years	312933	140772	126811	65227	21716	8022	8362	7970	43440	9796	13583	9578	8.4	2.8	22.0	21.2
per day	857.3	385.7	347.4	178.7	59.5	22.0	22.9	21.8	119.0	26.8	37.2	26.2				