

Table 6.1.1.2b: Summary of Ventura California PERFUM Buffer Results for All Flux Types for 1 and 40 Acre Fields

Percentiles	Ventura Maximum PERFUM Buffer Results										Ventura Whole Field PERFUM Buffer Results									
	Max (350 lb/Acre)		75% (262.5 lb/Acre)		50% (175 lb/Acre)		25% (87.5 lb/Acre)		2%		Max (350 lb/Acre)		75% (262.5 lb/Acre)		50% (175 lb/Acre)		25% (87.5 lb/Acre)		2%	
	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres	1 Acre	40 Acres
Shank Injection Application Method																				
Phoenix – Bedded/Tarped																				
75	1135	≥1440	930	≥1440	690	≥1440	395	≥1440	0	175	30	230	25	220	20	200	15	165	0	0
90	1330	≥1440	1080	≥1440	795	≥1440	450	≥1440	0	315	165	1230	145	1135	120	995	80	755	0	40
95	1420	≥1440	1170	≥1440	870	≥1440	530	≥1440	0	410	350	1435	300	1435	240	1435	155	1435	0	105
99	≥1440	≥1440	1435	≥1440	1110	≥1440	670	≥1440	5	560	885	≥1440	735	≥1440	555	≥1440	335	≥1440	0	295
Phoenix – Bedded/Untarped																				
75	1020	≥1440	825	≥1440	620	≥1440	355	≥1440	0	570	35	255	30	240	25	160	15	120	0	45
90	1280	≥1440	1040	≥1440	770	≥1440	440	≥1440	0	935	160	1070	145	975	120	1095	80	725	0	185
95	1380	≥1440	1125	≥1440	835	≥1440	490	≥1440	0	1210	315	1435	270	1435	215	1435	135	1360	0	335
99	≥1440	≥1440	1365	≥1440	1055	≥1440	650	≥1440	5	≥1440	755	≥1440	625	≥1440	485	≥1440	295	≥1440	0	710
Phoenix – Broadcast/Tarped																				
75	890	≥1440	735	≥1440	555	≥1440	320	≥1440	0	100	25	205	20	195	15	175	5	130	0	0
90	1225	≥1440	995	≥1440	745	≥1440	450	≥1440	0	230	145	1405	125	1225	100	980	60	640	0	15
95	1425	≥1440	1230	≥1440	915	≥1440	565	≥1440	5	310	290	1435	240	1435	185	1435	115	1225	0	70
99	≥1440	≥1440	≥1440	≥1440	1175	≥1440	705	≥1440	5	530	695	≥1440	580	≥1440	450	≥1440	275	≥1440	0	225
Phoenix – Broadcast/Untarped																				
75	1435	≥1440	1225	≥1440	920	≥1440	545	≥1440	85	1180	20	215	20	205	15	190	10	160	0	60
90	≥1440	≥1440	1405	≥1440	1050	≥1440	610	≥1440	135	1435	175	1435	160	1435	135	1435	90	1060	5	345
95	≥1440	≥1440	1435	≥1440	1130	≥1440	675	≥1440	160	≥1440	425	≥1440	360	≥1440	290	≥1440	190	1435	10	675
99	≥1440	≥1440	≥1440	≥1440	1355	≥1440	845	≥1440	205	≥1440	1165	≥1440	960	≥1440	735	≥1440	455	≥1440	90	1250
Drip Irrigation Application Method																				
Salinas – Poly Tarped																				
75	135	1070	105	825	65	540	15	200	0	0	15	145	10	120	5	85	0	35	0	0
90	155	1340	115	1030	75	660	20	250	0	0	60	410	45	345	30	255	5	120	0	0
95	175	1430	135	1260	85	795	30	305	0	0	90	610	70	510	45	375	10	165	0	0
99	425	≥1440	325	≥1440	210	1385	105	1125	0	5	135	980	105	780	65	540	20	240	0	0
Salinas – VIF Tarped																				
75	195	1435	145	1435	95	930	30	385	0	0	20	165	15	140	10	105	0	55	0	0
90	280	≥1440	215	≥1440	145	1435	55	670	0	0	70	450	55	385	35	295	5	145	0	0
95	365	≥1440	280	≥1440	180	≥1440	75	895	0	5	100	675	80	570	55	430	20	230	0	0
99	525	≥1440	425	≥1440	290	≥1440	130	1405	0	5	185	1435	150	1300	105	940	45	490	0	5