

Appendix C
California DPR PUR Data

Table C-1 California Department of Pesticide Registration (CDPR) Pesticide Use Reporting (PUR) Oxyfluorfen Use Data from 1999 to 2006

PRZM Scenario	Crop/Use	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
			Average	95th %ile	99 %ile	Maximum
CA Almond STD	ALMOND	100,383.53	0.27	0.64	0.81	4.65
	PISTACHIO	43,826.21	0.59	1.66	2.10	11.53
	WALNUT	21,642.95	0.40	0.93	1.51	5.42
	PECAN	249.47	0.59	1.35	1.38	4.11
	CHESTNUT	24.85	0.42	0.71	0.74	1.86
	NUTS	0.46	0.85	1.06	1.06	1.06
	Aggregated Scenario	166,127.47	0.52	1.06	1.27	11.53
CA Wine Grapes RLF	GRAPES, WINE	102,854.07	0.62	1.43	2.04	90.01
	Aggregated Scenario	102,854.07	0.62	1.43	2.04	90.01
CA Fruit STD	PEACH	8,979.95	0.84	1.52	1.81	3.83
	PRUNE	6,895.27	0.47	1.35	1.85	6.97
	PLUM	6,869.37	0.75	1.49	1.83	6.97
	NECTARINE	5,739.76	0.76	1.48	1.69	3.72
	CHERRY	5,670.82	0.57	1.34	1.77	4.95
	POMEGRANATE	4,013.74	0.61	1.42	1.70	3.72
	FIG	2,908.16	0.47	1.37	2.46	41.56
	APPLE	2,551.45	0.62	1.22	2.02	15.53
	APRICOT	1,148.79	0.58	1.17	1.65	4.79
	PEAR	1,148.20	0.79	1.65	1.95	5.13
	PERSIMMON	179.11	1.06	1.75	2.00	3.72
	QUINCE	52.46	0.68	1.04	1.57	4.70
	DATE	11.87	3.41	9.61	9.61	17.37
	ORCHARD FLOOR	7.69	0.47	0.72	0.72	1.03
	STONE FRUIT	0.23	0.09	0.09	0.09	0.10
	TROPICAL/SUBTROPICAL FRUIT	0.06	0.05	0.05	0.05	0.05
	Aggregated Scenario	46,176.92	0.76	1.70	2.05	41.56
CA Cotton STD	COTTON	40,731.26	0.22	0.51	0.70	4.53
	Aggregated Scenario	40,731.26	0.22	0.51	0.70	4.53
CA Grapes STD	GRAPE	40,338.01	0.71	1.31	1.72	5.57
	Aggregated Scenario	40,338.01	0.71	1.31	1.72	5.57
CA Right-of Way-RLF	RIGHTS OF WAY	25,409.05	0.45	0.93	1.00	2.40
	LANDSCAPE MAINTENANCE	2,586.16	NR	NR	NR	NR
	Aggregated Scenario	27,995.21	0.45	0.93	1.00	2.40
CA Cole Crop RLF	BROCCOLI	7,276.65	0.31	0.50	0.65	3.28
	CAULIFLOWER	3,633.66	0.31	0.51	0.63	3.72
	CABBAGE	1,084.64	0.35	0.54	0.62	3.72
	VEGETABLES, LEAFY	4.57	0.15	0.17	0.17	0.23
	SPINACH	4.40	4.82	4.82	4.82	9.50
	CHINESE GREENS	1.28	0.26	0.26	0.26	0.26

Table C-1 California Department of Pesticide Registration (CDPR) Pesticide Use Reporting (PUR) Oxyfluorfen Use Data from 1999 to 2006						
PRZM Scenario	Crop/Use	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
			Average	95th %ile	99 %ile	Maximum
	CHINESE CABBAGE (NAPPA)	1.24	0.32	0.45	0.45	0.93
	KALE	0.10	0.26	0.26	0.26	0.26
	HORSERADISH	0.06	0.51	0.51	0.51	0.51
	Aggregated Scenario	12,006.60	0.81	0.89	0.93	9.50
CA Rangeland Hay RLF	UNCULTIVATED AG	9,496.87	0.75	1.29	1.51	20.00
	UNCULTIVATED NON-AG	1,419.77	0.62	1.34	1.69	18.58
	RANGELAND	32.81	0.66	0.90	0.90	2.05
	Aggregated Scenario	10,949.45	0.68	1.18	1.37	20.00
CA Onion STD	ONION, DRY	10,578.61	0.19	0.35	0.46	3.28
	ONION, GREEN	43.50	0.41	0.47	0.47	1.86
	Aggregated Scenario	10,622.11	0.30	0.41	0.46	3.28
Non-categorized	SOIL FUMIGATION/PREPLANT	5,781.72	0.33	0.55	0.66	7.43
	CORN (FORAGE - FODDER)	340.71	0.16	0.35	0.36	1.03
	ALFALFA	276.66	0.52	0.88	1.01	5.04
	RESEARCH COMMODITY	136.53	0.45	0.71	0.71	1.54
	PUBLIC HEALTH	90.88	NR	NR	NR	NR
	BEAN, SUCCULENT	74.65	0.21	0.31	0.31	1.03
	CORN, HUMAN CONSUMPTION	71.26	0.12	0.24	0.24	0.51
	VERTEBRATE CONTROL	44.42	NR	NR	NR	NR
	DITCH BANK	40.63	0.67	1.16	1.16	3.08
	RICE	32.91	0.14	0.26	0.26	0.64
	BEAN, UNSPECIFIED	30.23	0.20	0.37	0.37	0.77
	FUMIGATION, OTHER	23.42	NR	NR	NR	NR
	ANIMAL PREMISE	14.42	0.62	0.64	0.64	2.05
	WATER AREA	9.56	0.41	0.42	0.42	1.22
	SUNFLOWER	8.82	0.08	0.11	0.11	0.19
	OAT (FORAGE - FODDER)	8.61	0.16	0.17	0.17	0.41
	BRUSSELS SPROUT	4.36	0.42	0.43	0.43	0.51
	PASTURELAND	4.32	0.28	0.41	0.41	2.97
	LEEK	3.72	0.28	0.56	0.56	1.60
	COMMODITY FUMIGATION	3.56	NR	NR	NR	NR
	GRASS, SEED	3.17	0.84	1.39	1.39	1.39
	ASPARAGUS	3.00	0.26	0.32	0.32	0.42
	FORAGE HAY/SILAGE	2.36	0.17	0.21	0.21	0.28
	WHEAT (FORAGE - FODDER)	1.79	0.09	0.15	0.15	0.24
	PEAS	1.44	0.27	0.51	0.51	0.51

Table C-1 California Department of Pesticide Registration (CDPR) Pesticide Use Reporting (PUR) Oxyfluorfen Use Data from 1999 to 2006						
PRZM Scenario	Crop/Use	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
			Average	95th %ile	99 %ile	Maximum
	BLACKBERRY	0.78	0.93	1.12	1.12	2.05
	WATER (INDUSTRIAL)	0.51	0.08	0.08	0.08	0.08
	DAIRY EQUIPMENT	0.29	0.23	0.23	0.23	0.23
	DILL	0.28	0.20	0.20	0.20	0.20
	RADISH	0.19	0.19	0.19	0.19	0.19
	ENDIVE (ESCAROLE)	0.18	1.41	1.41	1.41	1.41
	CHIVE	0.16	0.26	0.26	0.26	0.26
	SUDANGRASS	0.16	0.06	0.06	0.06	0.06
	BEET	0.11	0.03	0.03	0.03	0.03
	TURKEY	0.08	0.16	0.26	0.26	0.26
	RASPBERRY	0.07	0.19	0.19	0.19	0.19
	CHICORY	0.07	0.11	0.11	0.11	0.11
	BLUEBERRY	0.05	0.26	0.26	0.26	0.26
	CHERIMOYA	0.03	0.06	0.08	0.08	0.08
	UNKNOWN	92.62	0.94	1.07	1.07	5.57
	REGULATORY PEST CONTROL	20.86	NR	NR	NR	NR
	COUNTY AG COMM	0.79	NR	NR	NR	NR
	Aggregated Scenario	7,130.38	0.33	0.44	0.44	7.43
CA Row Crop RLF	ARTICHOKE, GLOBE	4,304.14	0.72	1.12	1.27	19.81
	BEAN, DRIED	1,450.24	0.24	0.64	0.67	4.83
	PEPPER, FRUITING	284.21	0.34	0.62	0.65	3.50
	PEPPER, SPICE	20.77	0.34	0.60	0.64	1.03
	CARROT	18.50	0.28	0.31	0.31	0.96
	CELERY	7.71	0.29	0.35	0.35	0.51
	VEGETABLE	0.27	0.25	0.26	0.26	0.38
	Aggregated Scenario	6,085.84	0.35	0.56	0.59	19.81
CA Garlic RLF	GARLIC	5,577.62	0.23	0.39	0.50	5.39
	Aggregated Scenario	5,577.62	0.23	0.39	0.50	5.39
CA Nursery	N-OUTDR PLANTS IN CONTAINERS	4,557.35	0.80	1.42	2.67	38.82
	N-OUTDR TRANSPLANTS	357.10	0.66	1.05	1.19	6.50
	N-OUTDR FLOWER	323.39	0.67	1.00	1.73	5.00
	N-GRNHS PLANTS IN CONTAINERS	89.26	2.08	4.30	4.99	60.00
	N-GRNHS TRANSPLANTS	16.25	1.64	2.68	2.68	8.88
	N-GRNHS FLOWER	6.64	0.79	0.98	0.98	2.17
	Aggregated Scenario	5,349.99	1.11	1.90	2.37	60.00
CA Citrus STD	ORANGE	3,088.45	0.34	0.91	1.03	7.33
	TANGERINE	986.67	0.54	1.25	1.49	3.72
	KIWI	453.93	0.86	1.67	3.01	16.68

Table C-1 California Department of Pesticide Registration (CDPR) Pesticide Use Reporting (PUR) Oxyfluorfen Use Data from 1999 to 2006						
PRZM Scenario	Crop/Use	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
			Average	95th %ile	99 %ile	Maximum
	LEMON	133.01	0.52	1.01	1.26	2.79
	CITRUS	71.03	0.54	1.20	1.45	3.28
	TANGELO	65.21	0.38	0.92	0.99	2.05
	GRAPEFRUIT	58.00	0.81	1.59	1.59	2.05
	Aggregated Scenario	4,856.31	0.57	1.22	1.55	16.68
CA Tomato STD	TOMATO, PROCESSING	4,057.21	0.17	0.33	0.46	5.10
	TOMATO	692.64	0.22	0.31	0.35	2.05
	Aggregated Scenario	4,749.85	0.20	0.32	0.40	5.10
CA Olive RLF	OLIVE	1,846.11	0.68	1.37	1.55	5.38
	Aggregated Scenario	1,846.11	0.68	1.37	1.55	5.38
CA Melons RLF	CANTALOUPE	1,173.19	0.20	0.42	0.42	1.04
	MELON	367.42	0.17	0.25	0.27	0.94
	WATERMELON	130.03	0.12	0.19	0.19	0.93
	SQUASH	24.94	2.24	2.24	2.24	8.64
	CUCUMBER	8.21	0.12	0.13	0.13	0.26
	PUMPKIN	0.80	0.03	0.03	0.03	0.03
	SQUASH, WINTER	0.06	0.03	0.03	0.03	0.03
	Aggregated Scenario	1,704.65	0.42	0.47	0.47	8.64
CA Wheat RLF	WHEAT	154.96	0.20	0.40	0.40	0.92
	SAFFLOWER	91.52	0.11	0.27	0.27	0.70
	BARLEY	43.80	0.62	0.69	0.69	1.03
	OAT	10.86	0.19	0.39	0.39	1.57
	SORGHUM/MILO	2.92	0.07	0.08	0.08	0.12
	RYE	2.31	0.23	0.23	0.23	0.23
	Aggregated Scenario	306.37	0.24	0.34	0.34	1.57
OR Mint	MINT	261.01	0.24	0.39	0.69	1.20
	Aggregated Scenario	261.01	0.24	0.39	0.69	1.20
CA Sugarbeet OP	SUGARBEET	220.05	0.20	0.48	0.53	3.22
	Aggregated Scenario	220.05	0.20	0.48	0.53	3.22
CA Alfalfa OP	CLOVER	150.22	0.42	0.65	1.05	1.21
	GARBANZOS	54.54	0.28	0.37	0.37	0.93
	Aggregated Scenario	204.76	0.35	0.51	0.71	1.21
CA Impervious RLF	INDUSTRIAL SITE	74.09	0.26	0.59	0.87	3.72
	STRUCTURAL PEST CONTROL	47.18	NR	NR	NR	NR
	BUILDINGS/NON-AG OUTDOOR	3.90	0.34	0.36	0.36	0.77
	STORAGE AREA/BOX	1.92	0.26	0.26	0.26	0.26
	Aggregated Scenario	127.10	0.29	0.40	0.50	3.72
CA Avocado RLF	AVOCADO	126.80	0.65	2.48	2.81	10.26
	Aggregated Scenario	126.80	0.65	2.48	2.81	10.26
CA	STRAWBERRY	78.83	0.40	0.74	0.74	1.59

Table C-1 California Department of Pesticide Registration (CDPR) Pesticide Use Reporting (PUR) Oxyfluorfen Use Data from 1999 to 2006						
PRZM Scenario	Crop/Use	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
			Average	95th %ile	99 %ile	Maximum
Strawberry RLF	Aggregated Scenario	78.83	0.40	0.74	0.74	1.59
CA Forestry RLF	CHRISTMAS TREE	62.29	0.80	1.27	1.29	2.75
	FOREST, TIMBERLAND	1.97	1.09	1.30	1.30	2.54
	Aggregated Scenario	64.26	0.94	1.28	1.29	2.75
CA Lettuce STD	LETTUCE, HEAD	36.74	0.15	0.24	0.24	0.96
	LETTUCE, LEAF	3.17	0.21	0.23	0.23	0.40
	Aggregated Scenario	39.90	0.18	0.24	0.24	0.96
CA Potato RLF	POTATO	36.90	0.11	0.17	0.17	0.17
	Aggregated Scenario	36.90	0.11	0.17	0.17	0.17
CA Turf RLF	TURF/SOD	8.50	0.71	0.90	0.90	1.54
	RECREATION AREA	0.90	0.74	1.58	1.58	3.08
	AIRPORT	0.32	NR	NR	NR	NR
	Aggregated Scenario	9.72	0.73	1.24	1.24	3.08
TOTAL for all scenarios		496,577.57				

Table C-2 California Department of Pesticide Registration (CDPR) Pesticide Usage Reporting (PUR) Data from 1999 to 2006 for Counties					
County	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
		Average	95th %ile	99 %ile	Maximum
KERN	83,100.19	0.33	0.88	1.14	11.53
FRESNO	71,581.13	0.17	0.51	1.03	60.00
TULARE	41,761.59	0.99	2.00	2.03	20.00
MADERA	35,820.63	0.42	1.54	2.13	41.56
SAN JOAQUIN	31,676.82	0.27	0.72	1.00	8.64
MERCED	30,375.74	0.18	0.64	0.87	7.43
MONTEREY	28,456.30	0.23	0.70	1.32	19.81
STANISLAUS	23,398.53	0.24	0.58	0.92	8.36
KINGS	21,715.54	0.44	0.56	0.77	3.48
SAN LUIS OBISPO	15,547.89	0.24	0.92	1.39	9.84
SONOMA	15,110.81	0.55	1.13	2.75	90.01
SANTA BARBARA	14,398.70	0.39	1.10	1.41	15.15
YOLO	9,809.84	0.22	0.71	1.11	4.79
NAPA	8,463.76	0.47	1.03	1.82	16.25
SACRAMENTO	7,054.23	0.53	1.49	2.42	16.94
COLUSA	6,639.99	0.12	0.39	0.63	2.79
SUTTER	6,156.29	0.29	0.99	1.48	17.37
IMPERIAL	5,957.56	0.44	0.60	0.76	5.04
GLENN	5,955.73	0.20	0.93	1.39	6.97

Table C-2 California Department of Pesticide Registration (CDPR) Pesticide Usage Reporting (PUR) Data from 1999 to 2006 for Counties

County	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
		Average	95th %ile	99 %ile	Maximum
BUTTE	5,934.38	0.41	1.03	1.74	16.68
MENDOCINO	3,270.22	0.28	0.77	1.15	6.19
SAN BENITO	3,214.00	3.09	5.88	6.33	18.58
SOLANO	3,094.53	0.34	1.22	1.60	11.76
RIVERSIDE	2,247.54	0.31	0.67	0.67	20.00
YUBA	1,873.33	0.37	1.39	2.05	5.42
TEHAMA	1,844.39	0.17	0.76	1.29	3.21
ORANGE	1,393.49	1.72	2.00	3.00	16.00
LAKE	1,337.47	0.42	1.54	2.32	3.72
SANTA CLARA	1,317.93	0.91	1.47	1.60	6.50
SAN DIEGO	1,082.08	0.54	0.67	1.38	8.53
CONTRA COSTA	1,003.23	0.58	1.54	2.05	3.72
VENTURA	946.82	0.36	1.00	2.00	20.00
LOS ANGELES	638.44	0.38	0.71	0.83	20.00
SHASTA	467.70	0.19	0.46	1.85	3.72
SANTA CRUZ	327.96	0.24	0.50	0.84	16.04
EL DORADO	297.30	0.42	1.07	1.45	23.22
SISKIYOU	272.77	0.09	0.16	0.25	1.28
PLACER	265.57	0.77	2.03	2.87	4.64
MODOC	245.05	0.11	0.23	0.39	1.90
MARIPOSA	199.31	0.47	1.03	2.23	2.23
CALAVERAS	164.31	0.86	1.20	1.30	2.79
SAN MATEO	125.65	0.69	1.03	1.92	1.92
HUMBOLDT	123.68	1.84	3.72	10.26	10.26
NEVADA	76.26	0.55	1.54	8.88	8.88
LASSEN	46.38	0.20	0.26	1.16	1.16
SAN BERNARDINO	28.83	1.05	2.00	2.00	2.00
DEL NORTE	28.59	0.50	0.77	1.03	1.03
TUOLUMNE	19.61	0.41	0.68	0.68	0.68
MARIN	17.11	0.42	0.87	0.93	0.93
TRINITY	2.91	0.51	0.51	0.51	0.51
INYO	1.75	0.09	0.19	0.19	0.19
MONO	1.38	0.06	0.13	0.13	0.13
PLUMAS	0.69	NR	NR	NR	NR
SAN FRANCISCO	0.02	NR	NR	NR	NR
TOTAL	496,583.76				
NR – Not Reported					