

Appendix C
California DPR PUR Data

Table C-1 Summary of California Department of Pesticide Registration (CDPR) Pesticide Use Reporting (PUR) 2,4-D Use Data from 1999 to 2006 Related to PRZM Use Scenarios

PRZM Scenario	Crop/Use	Average Annual Application (lb a.i./year)	Application Rate (lb a.i./acre)			
			AVG	95th %ile	99 %ile	MAX
CA Wheat RLF - (Cereal Grains) (Grain or Forage Sorghum)	WHEAT	106,189.29	0.73	1.01	1.52	31.66
	OAT	21,067.48	0.91	1.36	1.92	61.87
	BARLEY	19,085.12	0.83	1.60	1.86	22.87
	SORGHUM/MILO	2,968.14	0.64	0.81	1.32	6.75
	RYE	662.97	0.95	1.13	1.17	2.81
	GRAIN	437.37	1.04	2.04	2.04	15.53
	SAFFLOWER	221.03	0.78	1.44	1.44	6.19
	Aggregated Scenario	150,631.40	0.84	1.34	1.61	61.87
CA Almond STD - (Nut Orchards, Pistachios) (Filberts)	ALMOND	70,353.83	0.52	0.96	1.94	27.03
	WALNUT	12,804.62	0.54	0.99	1.74	16.99
	PISTACHIO	2,706.69	0.67	1.04	1.09	16.37
	PECAN	33.41	1.24	1.43	1.43	5.08
	CHESTNUT	4.65	0.52	0.94	0.94	1.71
	NUTS	0.14	0.08	0.08	0.08	0.08
	Aggregated Scenario	85,903.34	0.60	0.91	1.20	27.03
CA Right-of Way-RLF – (Non-Cropland)	RIGHTS OF WAY	37,671.02	2.43	4.09	5.17	82.08
	LANDSCAPE MAINTENANCE	22,691.20	0.88	1.11	1.62	15.68
	Aggregated Scenario	60,362.22	1.66	2.60	3.40	82.08
CA Rangeland Hay RLF – (Grass Pastures, rangeland)	UNCULTIVATED	24,543.46	1.09	1.88	2.16	22.61
	PASTURLAND	12,916.32	1.11	2.23	3.31	29.41
	RANGELAND	6,463.85	1.09	2.15	2.63	22.61
	Aggregated Scenario	43,923.63	1.10	2.09	2.70	29.41
CA Fruit STD - (Pome Fruits) Stone Fruits)	PEACH	6,508.17	0.48	0.86	1.27	13.08
	PRUNE	5,878.22	0.60	1.02	1.45	15.50
	NECTARINE	4,453.70	0.60	0.93	1.24	8.18
	PLUM	3,705.59	0.61	0.94	0.98	9.69
	PEAR	1,957.27	0.41	0.70	0.82	13.57
	CHERRY	1,208.57	0.40	0.65	0.84	6.50
	APRICOT	487.66	0.59	0.90	1.07	3.27
	APPLE	323.66	0.73	1.03	1.14	4.52
	FIG	1.45	0.26	0.26	0.26	0.26
	STONE FRUIT	0.01	0.21	0.21	0.21	0.21

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	Aggregated Scenario	24,524.30	0.489	0.75	0.93	15.50
CA Turf RLF - (Grass Pastures, rangeland) (Grass Grown for Seed and Sod) (Ornamental Turf)	BERMUDAGRASS	11,517.96	1.11	1.50	1.51	6.30
	TURFSOD	3,797.62	1.09	2.10	2.80	44.78
	RYEGRASS	3,275.14	0.81	1.04	1.29	7.14
	SUNDAGRASS	688.54	0.66	0.85	0.94	1.71
	GRASS, SEED	38.92	1.11	1.22	1.22	1.62
	RECREATION AREA	3.34	0.89	0.94	0.94	1.73
	Aggregated Scenario	19,321.52	0.95	1.28	1.45	44.78
CA Corn OP - (Field Corn, Popcorn) (Sweet Corn)	CORN	13,572.88	0.65	1.10	1.27	10.26
	SUNFLOWER	104.49	0.62	0.78	0.79	1.01
	Aggregated Scenario	13,677.37	0.64	0.94	1.03	10.26
CA Grapes STD and CA Wine Grapes RLF – (Grapes CA only) (Blueberries)	GRAPE	13,520.14	0.65	1.38	1.61	10.04
	Aggregated Scenario	13,520.14	0.65	1.38	1.61	10.04
CA Citrus STD – (Citrus)	ORANGE	10,995.65	0.17	0.30	0.36	22.00
	LEMON	842.15	0.16	0.27	0.31	3.27
	GRAPEFRUIT	475.84	0.25	0.37	0.46	2.18
	TANGERINE	312.37	0.27	0.44	0.49	1.74
	TANGELO	276.45	0.37	0.61	0.65	1.74
	CITRUS	251.49	0.37	0.53	0.58	3.70
	KIWI	0.61	0.61	0.61	0.61	0.82
	LIME	0.04	0.07	0.07	0.07	0.07
	Aggregated Scenario	13,154.60	0.28	0.40	0.44	22.00
CA Forestry RLF – (Forestry) (Tree and Brush Control)	FOREST	7,982.32	1.76	4.45	5.52	42.41
	CHRISTMAS TREE	4.24	4.24	4.24	4.24	4.24
	Aggregated Scenario	7,986.56	3.00	4.35	4.88	42.41
RICE MODEL – (Rice)	RICE	7,826.67	0.45	0.76	1.13	5.43
	Aggregated Scenario	7,826.67	0.45	0.76	1.13	5.43
CA Impervious RLF - (Non-	STRUCTURAL PEST CONTROL	936.79	NR	NR	NR	NR

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Cropland)	INDUSTRIAL SITE	10.69	1.20	1.74	1.74	2.40
	Aggregated Scenario	937.48	1.20	1.74	1.74	2.40
Direct Applications on Water – (Aquatic Weed Control)	WATER AREA	374.07	3.62	3.77	4.46	13.80
	Aggregated Scenario	374.07	3.62	3.77	4.46	13.80
CA Row Crop RLF- (Asparagus) (Fallowland and Crop Stubble)	ASPARAGUS	259.93	0.86	1.04	1.04	1.72
	BEAN, DRIED	48.37	0.74	0.77	0.77	1.31
	PEPPER, FRUITING	1.76	0.28	0.28	0.28	0.28
	Aggregated Scenario	310.06	0.63	0.70	0.70	1.72
CA Potato RLF – (Potatoes)	POTATO	42.15	0.64	0.79	0.79	1.13
	Aggregated Scenario	42.15	0.64	0.79	0.79	1.13
CA Sugarbeet OP – (Sugarcane)	SUGARBEET	36.20	0.61	0.61	0.61	0.72
	SUGARCANE	0.71	1.43	1.72	1.72	1.72
	Aggregated Scenario	36.91	1.02	1.17	1.17	1.72
Non Label Uses	COTTON	5,390.61	0.53	0.68	0.77	1.91
	NURSERY	2,266.99	1.20	1.67	1.85	19.70
	CLOVER	1,244.71	1.06	1.11	1.12	1.69
	ALFALFA	823.88	1.23	1.93	1.93	11.31
	TOMATO	86.70	0.77	0.85	0.85	1.69
	MELON	13.93	0.73	0.73	0.73	0.73
	OLIVE	10.63	0.45	0.63	0.63	1.13
	MINT	7.40	1.04	1.04	1.04	1.13
	CANTALOUPE	5.66	0.57	0.57	0.57	0.57
	RESIDENTIAL	5.63	1.13	1.13	1.13	1.13
	PUMPKIN	5.13	3.17	5.36	5.36	8.47
	HORSERADISH	3.88	0.43	0.43	0.43	0.55
	CABBAGE	3.78	2.13	2.13	2.13	2.13
	MUSTARD	0.14	1.88	1.88	1.88	1.88
	AVOCADO	0.55	0.43	0.43	0.43	1.13
	STRAWBERRY	0.07	1.13	1.13	1.13	1.13
	Aggregated Scenario	9869.69	1.12	3.10	4.91	19.70
Uses Without Proper	REGULAR PEST CONTROL	8,873.34	5.71	8.86	8.86	61.08

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Modeling Scenarios	FORAGE	8,240.25	0.77	1.13	1.19	6.79
	PUBLIC HEALTH	7,447.86	0.32	0.39	0.39	0.39
	SOIL FUMIGATION	3,915.24	0.89	1.04	1.29	11.25
	UNKNOWN	806.81	1.21	3.00	3.02	36.01
	VERTEBRATE CONTROL	455.00	0.31	0.31	0.31	0.31
	DITCH BANK	313.37	1.82	2.72	2.72	10.28
	RESEARCH COMMODITY	76.82	2.30	2.40	2.40	2.90
	COUNTY AG COMM	10.79	0.22	0.22	0.22	0.28
	VETCH	10.16	3.39	3.39	3.39	3.39
	ANIMAL PREMISE	2.82	NR	NR	NR	NR
	FUMIGATION, OTHER	0.28	NR	NR	NR	NR
	Aggregated Scenario	30,152.74	1.78	2.49	2.50	61.08