

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

PESTICIDES OF CONCERN ARE SHADED (Pesticide Action Network defined "Bad Actors")

Contra Costa County Public Works

	Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Total Lbs A.I. Used FY 04-05	Total Lbs A.I. Used 07-08	Amt Used FY 08-09	Total Lbs A.I. Used 08-09	Amt Used FY 09-10	Total Lbs A.I. Used 09-10	Amt Used FY 10-11	Total Lbs A.I. Used 10-11	Amt Used FY 11-12	Total Lbs A.I. Used 11-12	Amt Used FY 12-13	Total Lbs A.I. Used 12-13
<i>Liquid Materials</i>																	
Formula for liquid materials:					Gal. used x 8.33 lbs/gal H2O x sp. Grav. x % AI	(gallons)			(gallons)			(gallons)			(gallons)		
Adjuvant	Activator 90	36208-50014	1.040	90.000	4786.31	3592.41	4248.36	433.75	3381.90	0.00	0.00						
Glyphosate, isopropylamine salt	AquaMaster	524-343	1.205	53.800	0.00	0.00	814.09	122.75	662.88	90.25	487.37	59.75	322.67	82.63	446.22	55.75	301.06
	Chemtrol	36208-50015	0.995	1.000	1.16	0.00	0.00	0.00	0.00	0.00	0.00			22.00	1.82		
Copper ethanolamine complexes, mixed	Cutrine Plus	8959-10-AA	1.206	9.000	58.78	0.00	40.69	0.00	0.00	0.00	0.00					7.50	6.78
Indaziflam	Esplanade 200 SC	432-1516	1.050	19.050												2.50	4.17
Adjuvant	Foam Fighter F	36208-50015	0.995	5.000	0.52	0.00	0.52	0.00	0.00	0.00	0.00						
Dimethyl silicone fluid emulsion	Foam Fighter F	36208-50003, 72-50005-AA	1.000	10.000	0.00	0.00	0.00	1.13	0.94	0.75	0.62	0.75	0.62	0.50	0.42	0.88	0.73
Triclopyr triethylamine salt	Garlon 3A		1.135	44.400	268.66	459.66	1862.78	368.75	1547.95	487.88	2048.03	277.75	1165.94	180.50	757.71	240.13	1008.02
Triclopyr BEE	Garlon 4	62719-40	1.060	61.600	278.76	67.28	155.02	19.63	106.77	20.50	111.50	0.25	1.36	0.50	2.72	2.00	10.88
Oxyfluorfen	Goal	707-174	0.990	19.400	3.20	0.00	0.00	0.00	0.00	0.00	0.00						
Oxyfluorfen	Goal Tender	62719-447	1.170	41.000	0.00	0.00	0.00	0.00	0.00	2.00	7.99			4.13	16.50	0.50	2.00
Oxyfluorfen	Goal	707-243	1.120	22.000	0.00	0.00	13.34	0.00	0.00	0.00	0.00						
Imazapyr, isopropylamine salt	Habitat	241-426	1.068	28.700	0.00	0.00	0.00	2.25	5.75	6.69	17.08	13.47	34.40	5.13	13.10	2.25	5.75
Aminopyralid, tri isopropanolamine salt	Milestone VM	62719-537	1.140	40.600	0.00	0.00	173.26	61.83	238.42	62.60	241.39	59.40	229.05	58.46	225.43	31.15	120.12
	No Foam A	11656-50086-ZA	1.050	90.000	0.00	0.00	0.00	32.25	253.87	347.00	2731.53	291.25	2292.68	288.06	2267.57	291.00	2290.71
Pendimethalin	Pendulum Aquacap	241-416	1.175	38.700	0.00	121.21	0.00	0.00	0.00	0.00	0.00			7.50	28.41		
Sethoxydim	Poast	7969-58	0.935	18.000	0.00	5.61	20.33	0.00	0.00	0.00	0.00						
Imazapyr, isopropylamine salt	Polaris	228-534-AA	1.057	27.700												11.00	26.83
Triclopyr TEA	Renovate 3	62719-37-67690	1.140	44.400	0.00	277.27	324.71	73.50	309.95	40.75	171.84	32.50	137.05	43.50	183.44	34.5	145.49
Glyphosate, isopropylamine salt	Rodeo	524-343	1.205	53.800	1193.46	660.83	0.00	0.00	0.00	0.00	0.00						
	Roundup Pro	524-475-ZB	1.170	41.000	2041.43	0.00	0.00	0.00	0.00	0.00	0.00						0.00
Glyphosate, isopropylamine salt	Roundup Pro Concentra	524-529	1.199	50.200	0.00	2352.35	588.28	230.25	1153.95	187.13	937.84	200.88	1006.75	218.00	1092.55	298.5	1496.00
Glyphosate, isopropylamine salt	Roundup Tough Weed F	239-2636	1.070	18.000												61.13	98.07
Maleic hydrazide	Royal Slo Gro	400-94-AA	1.135	21.700												20	41.03
Imazapyr, isopropylamine salt	Stalker	241-398	1.050	27.600	13.58	318.05	20.98	3.75	9.05	0.00	0.00						
Adjuvant	Silwet L-77	36208-50025	1.007	100.000	14.26	0.00	8.39	0.00	0.00	0.00	0.00					1.88	15.77
Oryzalin	Surflan A.S.	62719-113	1.188	40.400	56.97	39.98	0.00	0.00	0.00	0.00	0.00						
Oryzalin	Surflan A.S.	70506-44	1.236	40.400	0.00	0.00	112.33	21.00	87.36	11.50	47.84	8.00	33.28	0.50	2.08		
Adjuvant/Surfactant	Surphtac	68891-50001-AA	1.118	53.400	197.06	189.57	0.00	0.00	0.00	0.00	0.00						
Adjuvant/Surfactant	Surphtac	11656-50093	1.180	53.400	0.00	0.00	112.85	36.38	190.95	34.63	181.77	24.63	129.28	32.13	168.65	33.13	173.90
Clopyralid	Transline	62719-259	1.161	40.900	89.00	286.77	48.81	1.56	6.17	0.00	0.00						
	Vanquish	55947-46	1.250	56.800	1360.29	0.00	0.00	0.00	0.00	0.00	0.00						
	Vanquish	100-884	1.250	56.800	0.00	1293.75	0.00	0.00	0.00	0.00	0.00						
Dicamba, diglycolamine salt	Vanquish	228-397	1.250	56.800	0.00	0.00	906.37	119.63	707.53	16.50	97.59			6.88	40.69	56.38	333.45
	Weedar 64	71368-1-264	1.160	38.900	1979.96	357.09	18.79	0.00	0.00	0.00	0.00						

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County Public Works (continued)

	Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Total Lbs A.I. Used FY 04-05	Total Lbs A.I. Used FY 07-08	Amt Used FY 08-09	Total Lbs A.I. Used 08-09	Amt Used FY 09-10	Total Lbs A.I. Used 09-10	Amt Used FY 10-11	Total Lbs A.I. Used 10-11	Amt Used FY 11-12	Total Lbs A.I. Used 11-12	Amt Used FY 12-13	Total Lbs A.I. Used 12-13
<i>Dry Materials</i>					Amt. Used x %AI			(pounds)		(pounds)			(pounds)	(pounds)			
Dithiopyr	Dimension Ultra 40 WP	62719-445	N/A	40.000	0.00	0.00	1.00	0.00	0.00	0.00	0.00						
	Diuron 80DF	66222-51	N/A	80.000	0.00	0.00	960.00	800.00	640.00	0.00	0.00						
	Direx 80DF	352-508-1812	N/A	80.000	2300.00	0.00	0.00	0.00	0.00	0.00	0.00						
	Direx 80DF	1812-362	N/A	80.000	0.00	1240.00	0.00	0.00	0.00	0.00	0.00						
	Endurance	55947-43	N/A	65.000	983.45	52.00	0.00	0.00	0.00	0.00	0.00						
	Endurance	100-834ZB	N/A	65.000	0.00	1008.80	0.00	0.00	0.00	0.00	0.00						
Prodiamine	Endurance	228-398	N/A	65.000	0.00	0.00	1194.05	1215.00	789.75	1316.00	855.40	1060.00	689.00				
Isoxaben	Gallery 75DF	62719-145	N/A	75.000	40.50	39.00	51.75	79.00	59.25	73.00	54.75	3.50	2.63	4.00	3.00	21.00	15.75
Sulfometuron methyl	Oust	352-401	N/A	75.000	20.53	137.25	152.25	144.16	108.12	102.06	76.55						
	Oust XP	352-601	N/A	75.000								101.13	75.85	128.81	96.61	19.00	14.25
	Predict	55947-78	N/A	78.600	389.07	0.00	0.00	0.00	0.00	0.00	0.00						
	Predict	100-849	N/A	78.600	0.00	7.86	0.00	0.00	0.00	0.00	0.00						
Prodiamine	ProClipse 65 WDG	228-434		65.000								310.00	201.50	556.00	361.40	690.00	448.50
	Ronstar 50WSP	264-538	N/A	50.000	60.00	0.00	0.00	0.00	0.00	0.00	0.00						
	Simtrol 90DF	35915-12-60063	N/A	90.000	387.00	0.00	0.00	0.00	0.00	0.00	0.00						
Tebuthiuron	Spike 80DF	62719-107	N/A	80.000	48.00	72.00	48.00	120.00	96.00	120.00	96.00	132.00	105.60				
	Telar XP	352-654		75.000								6.50	4.88	6.88	5.16	8.00	6.00
Chlorsulfuron	Telar	352-404	N/A	75.000	19.031	10.448	13.313	14.50	10.88	0.00	0.00	8.50	6.38				
<b>TOTAL:</b>					<b>16590.97</b>	<b>12589.20</b>	<b>11890.25</b>		<b>10367.44</b>		<b>8165.12</b>		<b>6438.92</b>		<b>5713.48</b>		<b>6565.25</b>
"Bad Actors" w/May 2013 changes					5764.53	2653.88	3493.47		2883.09		2545.49		1582.41		1117.04		1340.19

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County Public Works, Special Districts

Name of Product Applied	EPA Reg #	Specific Gravity	% A.I.	Total Lbs A.I. Used FY 07-08 & before	Amt Used FY 08-09	Total Lbs A.I. Used 08-09	Amt Used FY 09-10	Total Lbs A.I. Used 09-10	Amt Used FY 10-11	Total Lbs A.I. Used 10-11	Amt Used FY 11-12	Total Lbs A.I. Used 11-12	Amt Used FY 12-13	Total Lbs A.I. Used 12-13
<b>Liquid Materials</b>														
Glyphosate	Roundup ProMax	524-579	1.36	48.7	no data	0.00	0.00	0.00	0.00	4.79	26.45			
<b>Dry Materials</b>														
Amt. used x % AI														
no data (pounds)														
Bromethelin	Talpirid Mole Bait	12455-101	N/A	0.025	no data						0.003	0.0000008		
Chlorphacinone	Chlorophacinone	11071-CA-001	N/A	0.005	no data								44.000	0.00220
Chlorphacinone	Chlorophacinone Treated Grain Rodent Bait	10965-50004ZA	N/A	0.005	no data	0.00	0.00	0.00	0.00	3.80	0.000190	28.75	0.0014375	
Diphacinone	Diphacinone Treated Grain Rodent Bait	10965-50003	N/A	0.010	no data						1.50	0.0001500		
Diphacinone	Diphacinone Treated Grain Rodent Bait	10965-5001-ZA	N/A	0.005	no data								75.00	0.00375
Diphacinone	Eaton's Answer	56-57	N/A	0.005	no data	46.50	0.002325	42.00	0.00210		19.50	0.0009750	19.00	0.00095
Diphacinone	Eaton's Bait Blocks	56-42	N/A	0.005	no data	2.00	0.0001	5.00	0.000250		4.00	0.00020	12.00	0.00060
Aluminum phosphide	Fumitoxin	72959-1-5857	N/A	55.000	no data	0.00	0.00	0.00	0.00	1.47	0.81			
Strychnine Alkaloid	Gopher Getter AG Bait	36029-7	N/A	0.500	no data	0.00	0.00	0.00	0.00	0.40	0.0020			
Diphacinone	Gopher Getter Type 2 AG Bait	36029-23	N/A	0.005	no data	0.00	0.00	0.00	0.00	4.00	0.0002			
Diphacinone	Gopher Getter Type 2 AG Bait	36029-24	N/A	0.005	no data						8.05	0.0004025	1.86	0.00009
Diphacinone	P.C.Q. Pelleted Rodent Bait	12455-50003-AA	N/A	0.010	no data						5.00	0.0005000	36.50	0.00365
Aluminum phosphide	Phostoxin	72959-4	N/A		no data	19.62	10.79	16.72	9.20					
Oxadiazon	Ronstar G	432-886	N/A	2.000	no data					300.00	6.00			
Chlorphacinone	Rozol	7173-242	N/A	0.005	no data								2.00	0.00010
Aluminum phosphide	Weevil-cide	70506-13	N/A	60.000	no data	0.00	0.00	1.10	0.66	19.40	11.64	11.22	6.7320000	11.90
Zinc phosphide	ZP Rodent Bait AG	12455-17	N/A	2.000	no data	0.000	0.000	0.00	0.000	0.75	0.02			
<b>TOTAL</b>						<b>10.79</b>		<b>9.86</b>		<b>44.92</b>		<b>6.735666</b>		<b>7.151343</b>
"Bad Actors" w/May 2013 changes						10.79		9.86		12.47		6.73		7.14

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County Department of Agriculture

	Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Total Lbs A.I. Used FY 04-05	Total Lbs A.I. Used FY 07-08	Amt Used FY 08-09	Total Lbs A.I. Used 08-09	Amt Used FY 09-10	Total Lbs A.I. Used 09-10	Amt Used FY 10-11	Total Lbs A.I. Used 10-11	Amt Used FY 11-12	Total Lbs A.I. Used 11-12	Amt Used FY 12-13	Total Lbs A.I. Used 12-13
<i>Liquid Materials</i>								Gal. used x 8.33 lbs/gal H2O x sp. Grav. x %AI	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	(gallons)	
glyphosate	Aquamaster	524-343	1.205	53.80												0.98	5.29
glyphosate	Aqua Neat	228-365-AA	1.224	53.80	0.00	1.15	0.00	0.00	0.00	0.00	0.00						
glyphosate	Aqua Neat	228-365-4581	1.201	53.80										5.00	26.91		
esfenvalerate	Asana XL	352-515	0.930	8.40	0.00	0.00	0.00	0.14	0.09	0.02	0.01						
Dicamba & 2,4 D	Banvel	55947-1	1.211	48.20	72.51	0.00	0.00	0.00	0.00	0.00	0.00						
	2,4-D	34704-5	1.163	46.50	24.78	87.30	0.00	0.00	0.00	0.00	0.00						
	Bivert	2935-50157-AA	0.790	100.00	6.12	0.00	0.00	0.00	0.00	0.00	0.00						
	Carbaryl ("7")	54705-4	1.100	41.20	30.01	0.00	0.00	0.00	0.00	0.00	0.00						
dicamba, diglycolamine salt	Clarity	7969-137	1.250	56.80	0.00	703.80	416.43	28.90	170.92	47.42	280.46	66.23	391.70	46.57	275.43	38.12	225.45
Triclopyr, butoxyethyl ester	Garlon 4	464-554	1.082	61.60	13.88	0.00	0.00	0.00	0.00	0.00	0.00						
imazapyr isopropylamine salt	Habitat	241-426	1.068	28.70	0.00	0.00	1.33	0.47	1.20	0.28	0.72	0.53	1.35	0.10	0.26	0.36	0.92
surfactant	Hasten	2935-50160	0.900	100.00								0.16	1.20	0.02	0.15		
Adjuvant	Herbicide Activator (First Choice)	11656-50024-ZC	0.900	100.00	0.00	0.00	0.00	0.13	0.94	0.00	0.00						
Drift retardant--oils	In Place	2935-50169	0.880	100.00												8.11	59.45
Aminopyralid, trisopropanolammonium salt	Milestone	62719-519	1.140	40.60	0.00	0.00	33.74	2.75	10.60	9.87	38.06	11.26	43.42	4.59	17.70	5.58	21.52
Aminopyralid, trisopropanolammonium salt & triclopyr, triethylamine salt	Milestone VM Plus	62719-572	1.140	18.44	0.00	0.00	0.00	4.50	7.88	5.09	8.91	0.05	0.09	3.75	6.57		
surfactant	Pro-Tron	71058-50008-AA	0.984	95.00								25.15	195.84	6.61	51.47	17.69	137.75
Adjuvant	R-11	2935-50142-AA	1.020	90.00	389.99	216.48	180.09	9.39	71.80	22.25	170.14	0.23	1.76				
Clpyralid, triethylamine salt & triclopyr, triethylamine salt	Redeem	62719-337	1.140	45.10	0.00	19.28	0.00	0.00	0.00	0.07	0.30						
Glyphosate, isopropylamine salt	Rodeo	524-343	1.205	53.80	13.50	0.00	0.00	0.00	0.00	0.00	0.00						
Glyphosate, isopropylamine salt	Roundup Pro	524-475	1.170	41.00	276.35	75.90	104.04	49.03	195.97	45.70	182.66						
Glyphosate, isopropylamine salt	Roundup Pro Concentrate	524-529	1.199	50.20								30.45	152.67	29.82	149.51	12.74	63.88
imazapyr isopropylamine salt	Stalker	241-296	1.060	27.60	0.00	0.00	0.00	0.12	0.30	0.23	0.56						
imazapyr isopropylamine salt	Stalker	241-398	1.060	27.60										0.66	1.61	0.29	0.71
Picloram potassium salt	Tordon 22K	464-323	1.140	24.40	3.55	0.00	0.00	0.00	0.00	0.00	0.00						
Clpyralid, monoethanolamine salt	Transline	62719-259	1.161	40.90	277.99	13.92	0.00	0.01	0.03	0.003	0.01						
Adjuvant	Tri-Fol Buffer	2935-50152-AA	1.120	34.00	0.00	0.00	0.00	0.08	0.25	0.00	0.00						
dicamba, diglycolamine salt	Vanquish	55947-46	1.250	56.80	299.20	0.00	0.00	0.31	1.83	0.04	0.24						
dicamba, diglycolamine salt	Vanquish	100-884	1.250	56.80						0.06	0.35						
Triclopyr, butoxyethyl ester	Remedy	62719-552	1.080	61.60	0.00	0.00	16.63	0.00	0.00	0.00	0.00						

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County Department of Agriculture (continued)

	Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Total Lbs A.I. Used FY 04-05	Total Lbs A.I. Used FY 07-08	Amt Used FY 08-09	Total Lbs A.I. Used 08-09	Amt Used FY 09-10	Total Lbs A.I. Used 09-10	Amt Used FY 10-11	Total Lbs A.I. Used 10-11	Amt Used FY 11-12	Total Lbs A.I. Used 11-12	Amt Used FY 12-13	Total Lbs A.I. Used 12-13	
	<b>Dry Materials</b>				Amt. Used x %AI			(pounds)		(pounds)		(pounds)		(pounds)		(pounds)		(pounds)
Diphacinone	Diphacinone .005%	10965-50001-ZA	N/A	0.005	0.04	0.01	0.03	810.00	0.04	530.00	0.03	88.00	0.00	4570.00	0.23	1835.00	0.09	
Diphacinone	Diphacinone .01%	10965-50003-ZA	N/A	0.01	1.57	2.56	2.58	23434.00	2.34	27795.00	2.78	33743.00	3.37	31045.00	3.10	27487.50	2.75	
Sodium nitrate, charcoal	Gas Cartridge	56228-2	N/A	81.00	0.00	0.00	2.58	0.00	0.00	2.39	1.94	2.55	2.07	5.63	4.56	6.75	5.47	
Imidacloprid	Merit 75WSP	3125-439	N/A	75.00	10.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Chlorsulfuron	Telar	352-522	N/A	75.00	0.00	0.77	0.14	0.38	0.29	0.24	0.18	1.19	0.89	1.24	0.93	7.78	5.84	
Picloram potassium salt	Tordon 10K	464-320	N/A	11.60	0.99	0.23	0.00	0.00	0.00	0.00	0.00	3.13	0.36	0.50	0.06			
Aluminum phosphide	Weevil-cide	70506-13	N/A	60.00	0.00	0.00	0.00	0.99	0.59	0.00	0.00			1.59	0.95			
	<b>TOTAL:</b>				<b>1420.66</b>	<b>1121.42</b>	<b>757.58</b>		<b>465.09</b>		<b>687.35</b>		<b>794.73</b>		<b>539.44</b>		<b>529.11</b>	
	"Bad Actors" w/May 2013 changes				131.84	107.58	0.14		0.88		0.48		1.26		1.94		5.84	

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County General Services - Grounds

	Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Total Lbs A.I. Used FY 04-05	Total Lbs A.I. Used FY 07-08	Amt Used FY 08-09	Total Lbs A.I. Used 08-09	Amt Used FY 09-10	Total Lbs A.I. Used 09-10	Amt Used FY 10-11	Total Lbs A.I. Used 10-11	Amt Used FY 11-12	Total Lbs A.I. Used 11-12	Amt Used FY 12-13	Total Lbs A.I. Used 12-13
<i>Liquid Materials</i>																	
					Gal. used x 8.33 lbs/gal H2O x sp. Grav. x %AI			(gallons)		(gallons)		(gallons)		(gallons)		(gallons)	
Chlorantraniliprole	Acelepryn	352-731	1.094	18.40				0.00	0.00	0.14	0.24						
Dikegulac sodium	Atrimmec	2217-776	1.095	18.50				0.00	0.00	1.31	2.21			0.19	0.32		
Proflumicarb	Barricade	100-1139						*	35.01								
Dicamba, MCPA, Triclopyr	Cool Power	228-317						*	9.27								
	Dursban 2E	464-586	1.000	24.10		3.87	0.00	0.00	0.00								
Myclobutanil	Eagle	62719-463						*	0.06								
	Embark	7182-7-AA	1.110	28.00		0.72	0.00	0.00	0.00								
Bifenazate	Floramite	400-508						*	0.03								
Ethephon	Florel	62719-145-AA	1.016	3.90		0.33	0.00	0.00	0.00								
Ethephon	Florel	264-543-54705						*	0.65								
NAA, ammonium salt	Fruit Stop	5481-66-65783						*	0.43								
Fluazifop-P-butyl	Fusilade II	100-1084	0.980	24.50				*	0.19			0.25	0.50	0.25	0.50		
	Goal	707-174	0.990	19.40	19.34		0.00	0.00	0.00								
	Grass Getter (Poast)	7969-58-ZA-54705	0.935	18.00		0.55	0.00	0.00	0.00								
Hexythiazox	Hexygon	10163-208						*	0.11								
Petroleum distillates	Lesco Horticultural Oil	10404-66					0.00	*	2.13								
	Knox Out 2 FM	4581-335-449	1.036	23.00		0.89	0.00	0.00	0.00								
	Lindane	7001-279-AA	0.976	87.60		0.64	0.00	0.00	0.00								
Adjuvant	Magnify	17545-50018	1.220	51.50												0.09	0.47
	Maintain A	400-396-AA	1.000	0.30		0.01	0.00	0.00	0.00								
	Malathion	655-598	1.032	0.50		0.06	0.00	0.00	0.00								
	Ornamec	2217-728-AA	0.880	6.75		0.18	0.00	0.00	0.00								
Flumioxazin	Payload	59639-120						*	0.30								
Glyphosate isopropylamine salt	Razor	228-366						*	91.73								
Glyphosate, diquat dibromide	Razorburn	228-446	1.146	43.10								1.00	4.11				
	Roundup Pro	524-445-ZB	1.020	41.00	156.00	158.75	0.00	0.00	0.00								
Glyphosate isopropylamine salt	Roundup Pro	524-475	1.170	41.00			23.98	0.00	0.00								
Glyphosate isopropylamine salt	Roundup Pro Conc.	524-529	1.199	50.20			33.89	10.16	50.92	8.29	41.56	18.77	94.11	72.50	363.50	70.15	351.72
Glyphosate potassium salt	Roundup Promax	524-579	1.356	48.70			0.00	0.00	0.00	0.34	1.87						
Nonanoic acid	Scythe	62719-529					0.00	*	0.66								
	Sevin SL	464-586	1.000	24.10		0.12	0.00	0.00	0.00								
Bifenthrin	Talstar	279-3206						*	0.02								
	Triclopyr 4EC	81927-11	1.100	61.60										1.00	5.64	0.25	1.41
Dicamba, MCPA, MCPP	Tri Power	228-262						*	3.79								
Triclopyr BEE	Turflon	62719-258	1.060	61.60	1.96	0.98	0.00	0.00	0.00								

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County General Services - Grounds (continued)

	Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Total Lbs A.I. Used FY 04-05	Total Lbs A.I. Used FY 07-08	Amt Used FY 08-09 (pounds)	Total Lbs A.I. Used 08-09	Amt Used FY 09-10 (pounds)	Total Lbs A.I. Used 09-10	Amt Used FY 10-11 (pounds)	Total Lbs A.I. Used 10-11	Amt Used FY 11-12 (pounds)	Total Lbs A.I. Used 11-12	Amt Used FY 12-13 (pounds)	Total Lbs A.I. Used 12-13
	<b>Dry Materials</b>		Amt. Used x %AI														
Isoxaben	Gallery	62719-145-AA	N/A	75.00	97.08	102.38	0.00	*	44.42			19.00	14.25	6.50	4.88	11.00	8.25
Dithiopyr	Dithiopyr 40 WSB	73220-13	N/A	0.125 lbs ai/5 oz		1.00	0.00	0.00	0.00					13 5oz. packets	1.63	108.75 oz.	2.72
	Lindane	20954-107-AA	N/A	99.50													
	Orthene	59639-88	N/A	75.00	0.52		0.00	0.00	0.00								
Acephate	Orthene	59639-26					0.00	*	0.13								
Sulfometuron methyl	Oust	352-401	N/A	75.00	3.85		0.00	*	0.17								
Oxadiazon	Ronstar WP	264-538	N/A	50.00	648.63	414.50	0.00	0.00	0.00								
Halosulfuron methyl	Sedgehammer	81880-1-10163	N/A	75.00			0.00							0.00	0.00		
Flumioxazin	SureGuard	59639-120	N/A	51.00			0.00							2.49	1.27	23.93	12.20
Chlorsulfuron	Telar	352-522						*	0.06								
	<b>TOTAL</b>				<b>927.37</b>	<b>684.98</b>	<b>57.87</b>		<b>240.06</b>		<b>45.89</b>		<b>112.97</b>		<b>377.74</b>		<b>376.77</b>
	"Bad Actors" w/May 2013 changes				649.14	421.59	0.00		4.81		0.00		0.00		0.00		0.00

NOTE: The totals for 07-08 only account for Grounds Div. usage and do not include TruGreen usage.

\*Total A.I. was computed on a separate spreadsheet developed by GSD with TruGreen data

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County General Services - Facilities

fl. oz. used x 1.04 dry oz/fl oz of H2O x sp. Grav. x %AI															
Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total oz. A.I Used FY 07-08	Amt Used FY 08-09	Total oz. A.I. by wt. Used 08-09	Amt Used FY 09-10	Tot. oz. A.I. by wt. Used 09-10	Amt Used FY 10-11	Tot. oz. A.I. by wt. Used 10-11	Amt Used FY 11-12	Total OZ. A.I. Used 11-12	Amt Used FY 12-13	Total OZ. A.I. Used 12-13	
					(fl. ounces)	(fl. oz.)	(fl. Oz.)	(fl. oz.)	Oz. by Wt.	(fl. oz.)	Oz. by Wt.				
Orthoboric acid	Drax Liquid Bait	9444-206		0.00	2.22	0.03	0.00	0.00							
Sodium Tetraborate Decahydrate (Borax)	Advance Ant Gel	499-492	1.23	5.40					0.12	0.01	0.03	0.002			
Sodium Tetraborate Decahydrate	Advance Liquid Ant Bait	499-491	1.24	1.30	0.00	0.00	246.00	4.12	2254.00	37.79	3701	62.047	4314.00	72.323	
Indoxacarb	Advion Ant Gel	352-746	1.2	0.05	0.00	0.00	3.77	0.00	47.27	0.03	33.61	0.021	53.6	0.0334	
Indoxacarb	Advion Cockroach Gel Bait	352-652	0.0066	0.60					2.00	0.00	0.08	0.000003	12.08	0.00050	
Hydroprene	Gentrol IGR Concentrate	2724-351			0.08	0.00	0.00	0.00							
Hydroprene	Gentrol Point Source	2724-469		90.60					0.02	0.00	2 each (109 mg ai in each)	0.007	17 each (109 mg ai in each)	0.065	
Rosemary Oil	EcoExempt 1C	None			1.66	79.99	8.32	1081.60	112.49						
2-phenethyl propionate	EcoPco Acu	67425-14			0.00	0.00	0.00	12.50	0.01						
Fipronil	Maxforce Ant Killer Bait Gel	432-1264	1.27	0.00	0.00	17.04	0.00	1.59	0.00	1.00	0.000013				
Fipronil	Maxforce FC Select Roach Gel	432-1259	1.1414	0.01						0.05	0.000006				
Hydramethylnon	Maxforce Roach Bait Gel	432-1254		2.15	0.13	1.13	0.03	0.00	0.00						
Fipronil	Maxforce Roach Killer Bait Gel FC	432-1259	1.1414	0.01					1.43	0.00017	0.1	0.000012			
sodium lauryl sulfate	Oh Yeah	Eco-018	1	0.70					1301.00	9.47	2573	18.731	1315.17	9.57444	
Note: product has 2 a.i. s	Precor 2000	274-483		0.5% permethrin							4	0.0208			
				0.09% methoprene								0.0000			
coyote & fox urine	Shake Away: Fox/Coyote	80917-5	1	5.00									394	20.488	
Sodium Tetraborate Decahydrate (Borax)	Terro PCO Bait stations	149-8-64405	1	5.40					2.16	0.12	60 each (net wt of each station 0.36 oz)	1.166	34 each (net wt of each station is 0.36 oz)	0.661	
	<b>Dry Materials</b>				<b>OZ. by Wt.</b>		<b>(ounces)</b>		<b>OZ. by Wt.</b>		<b>OZ. by Wt.</b>	<b>OZ. by Wt.</b>	<b>OZ. by Wt.</b>	<b>OZ. by Wt.</b>	
Note: product has 2 a.i. s	Alpine Dust	499-527		0.25% dinotefuran					0.15	0.00	0.01	0.000			
				95% DE						0.14		0.010			
Abamectin	Avert Dry Flowable Bait	499-294			0.00	0.18	0.00	0.00	0.00						
Indoxacarb	Advion Ant Bait Arena	352-664		0.10	0.00	0.00	0.00	4.20	0.00	4.76	0.00	77	0.077	90 Each (Net wt of Arena is 0.07 oz)	



CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 12-13, Revised 11-21-13

Contra Costa County General Services - Facilities, continued

Name of Product Applied	EPA Registration #	Specific Gravity	% A. I.	Total oz. A.I. Used FY 07-08	Amt Used	Total oz. A.I. by wt.	Amt Used	Tot. oz. A.I. by wt.	Amt Used	Tot. oz. A.I. by wt.	Amt Used	Total OZ. A.I.	Amt Used	Total OZ. A.I.	
					FY 08-09	Used 08-09	FY 09-10	Used 09-10	FY 10-11	Used 10-11	FY 11-12	Used 11-12	FY 12-13	Used 12-13	
Dry Materials					OZ. by Wt.	(fl. oz.)			OZ. by Wt.		OZ. by Wt.	Oz. by Wt.	OZ. by Wt.	OZ. by Wt.	
Indoxacarb	Advion Cockroach Bait Arena	352-668	0.50							0.64	0.00	15 Each (Net wt of Arena 0.07 oz)	0.005	4 Each (Net wt of Arena is 0.07 oz)	0.0014
Orthoboric acid	Borid	9444-129		0.00	7.00	6.93	1.00	0.99							
Amorphous silicon dioxide	Concern Diatomaceous Earth	73729-1-50932	85.00	0.00	0.00	0.00	0.03	0.02	2.46	2.09	2	1.700	0.8	0.680	
Bromodialone	Contrac Blox	12455-79		0.09	1252.00	0.06	489.00	0.02							
non-toxic rodent monitoring food bait	Detex Blox	Eco-019							(617.4 oz)						
Note: product has 3 a.i. s	Eco PCO WP-X	None	3% phenethyl propionate								2	0.060	2.64	0.0792	
	Eco PCO WP-X		5% Thyme oil									0.100		0.132	
	Eco PCO WP-X		0.05% pyrethrins									0.001		0.00132	
Note: product has 2 a.i. s	Eco PCO DX	67425-16-655	1% 2-phenethyl propionate										0.017	0.00017	
			0.4% pyrethrins											0.000068	
Orthoboric acid	Niban FG/Mother Earth Granules	64405-2 499-515	5.00	190.69	2150.56	107.53	1252.70	62.64	719.55	35.98	1137.5	56.875	3126	156.300	
Fipronil	Maxforce Ant Bait Stations	432-1256	0.05	0.00	4.66	0.00	0.48	0.00							
Fipronil	Maxforce Ant Bait Stations	64248-10	0.01						0.05	0.000005			11 Each (Net wt of bait station is 0.05 oz)	0.000055	
Fipronil	Maxforce Roach Bait Stations	64248-11	0.05						0.55	0.00028	6 each (net wt of each station 0.053)	0.00016	10 Each (Net wt of bait station is 0.053)	0.000265	
Hydramethylnon	Maxforce Roach Bait Stations	432-1251		0.19	1.48	0.03	0.11	0.00							
Boric Acid	Perma Dust	499-384		142.71	682.00	242.11	265.00	94.08							
				<b>OZ of A.I.</b>	<b>335.55</b>	<b>365.04</b>	<b>274.38</b>	<b>85.64</b>	<b>140.823</b>	<b>260.347</b>					
				<b>LBs of A.I.</b>	<b>20.97</b>	<b>22.81</b>	<b>17.15</b>	<b>5.35</b>	<b>8.80</b>	<b>16.27</b>					
<b>OZ of BA</b>				0.41	0.12	0.03	0.00	0.02	0.0014						