CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 18-19, Revised 11-19-2019

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

Contra Costa County Public Works-Flood Control & Roadsides

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 00-01	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Amt Used FY 15-16	Total Lbs A.I. Used 15-16	Amt Used FY 16-17	Total Lbs A.I. Used 16-17	Amt Used FY 17-18	Total Lbs A.I. Used 17-18	Amt Used FY 18-19	Total Lbs A.I. Used 18-19
	Liquid Materials		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Adjuvant	Activator 90	36208-50014	613.88	1.040	90.000	4786.31							3.5	27.29
Adjuvant	Agri-Dex	5905-50094-AA		0.879	99.000		84.75	614.34	49.5	358.82	19.75	143.16	21	152.23
	Chemtrol	36208-50015	14.00	0.995	1.000	1.16								
Penoxulam	Cleantraxx	62719-702-AA		1.177	0.850				1.5	0.13				
Oxyfluorfen				1.177	40.310				1.5	5.93				
Sodium salt of Imazxamox	Clearcast	241-437-AA-67690		1.049	12.100		3.31	3.50			2.00	2.11	0.5	0.53
Copper ethanolamine complexes, mixed	Cutrine Plus	8959-10-AA	65.00	1.206	9.000	58.78								
Dithiopyr	Dimension 2EW	62719-542-AA		1.001	24.000		0.31	0.62						
Indaziflam	Esplanade 200 SC	432-1516-AA		1.050	19.050		28.44	47.39	24.96	41.59	22.21	37.01		
Prodiamine	Evade 4FL	34704-915-AA		1.184	40.500				21.25	84.88				
Adjuvant	Foam Fighter F	36208-50015	1.25	0.995	5.000	0.52								
Dimethyl silicone fluid emulsion	Foam Fighter F	36208-50003, 72-50005-AA	0.00	1.000	10.000						0.38	0.32	0.25	0.21
Triclopyr triethylamine salt	Garlon 3A	62719-37-ZA	64.00	1.135	44.400	268.66	153.13	642.81	186.38	782.39	122.00	512.13	57	239.28
Triclopyr BEE	Garlon 4	62719-40	51.25	1.060	61.600	278.76								
Oxyfluorfen	Goal	707-174	2.00	0.990	19.400	3.20				0.00				
Oxyfluorfen	Goal Tender	62719-447-ZA	0.00	1.170	41.000		13.38	53.47						
Imazapyr, isopropylamine salt	Habitat	241-426-AA	0.00	1.068	28.700		3.55	9.07	0.39	1.00	0.47	1.20	0.75	1.92
Heavy-range paraffin based petroleum oil+nonionic emulsifiers	Helena Agri-Dex	5905-50017-AA		0.879	99.000									
Aminopyralid, tri isopropanolamine salt	Milestone	62719-519-AA		1.140	40.600		4.75	18.31	14.06	54.21	15.39	59.34	15.59	60.11
Aminopyralid, tri isopropanolamine salt	Milestone VM	62719-537-AA	0.00	1.140	40.600		8.72	33.63						
Adjuvant	M.O.C. Methylated Oil Concentrate	5905-50095-AA		0.891	100.000		2.75	20.41	2.38	17.66	2.63	19.52		
Adjuvant	MSO Conc w/Leci-Tech	34704-50053-AA		0.900	100.000									
Adjuvant	No Foam A	11656-50086-ZA & AA	0.00	1.050	90.000		121.75	958.40						
Adjuvant	No Foam A	1050775-50015-AA		1.060	90.000		0.5	3.97	131.88	1048.03	125.25	995.34	28.5	226.48
Pendimethalin	Pendulum Aquacap	241-416-AA	0.00	1.175	38.700		5.00	18.94						
Imazapyr, isopropylamine salt	Polaris	228-534-AA		1.057	27.700		0.33	0.80						
Adjuvant	Quest	5905-50076-AA		1.350	48.760						63.50	348.19	26.5	145.31
Triclopyr TEA	Renovate 3	62719-37-67690	0.00	1.140	44.400		27.63	116.52	27.5	115.97	26.00	109.64	25.75	108.59
Glyphosate,	Rodeo	524-343	221.00	1.205	53.800	1193.46								
Glyphosate, isopropylamine salt	Roundup Custom	524-343-ZC & ZG		1.206	53.800		49.19	265.86	42.5	229.70	27.75	149.98	33.75	182.41
	Roundup Pro	524-475-ZA & ZB	510.75	1.170	41.000	2041.43	36.63	146.41						

Contra Costa County Public Works-Flood Control & Roadsides (continued)

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 00-01	Specific Gravity	% A. I.	Total Lbs A.I. Used FY 00-01	Amt Used FY 15-16	Total Lbs A.I. Used 15-16	Amt Used FY 16-17	Total Lbs A.I. Used 16-17	Amt Used FY 17-18	Total Lbs A.I. Used 17-18	Amt Used FY 18-19	Total Lbs A.I. Used 18-19
	Liquid Materials		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Glyphosate, isopropylamine salt	Roundup Pro Conc.	524-529	0.00	1.199	50.200		238.63	1195.95	280.13	1403.93	192.89	966.71	7	35.08
Imazapyr, isopropylamine salt	Stalker	241-398	5.63	1.050	27.600	13.58								
Adjuvant	Silwet L-77	36208-50025	1.70	1.007	100.000	14.26								
Adjuvant	Smoke	5905-50104-AA		1.160	56.400				3.25	17.71				
Oryzalin	Surflan A.S.	62719-113	14.25	1.188	40.400	56.97								
Oryzalin	Surflan A.S.	70506-44	0.00	1.236	40.400									
Adjuvant/Surfactant	Surphtac	68891-50001-AA	39.63	1.118	53.400	197.06								
Adjuvant/Surfactant	Surphtac	11656-50093	0.00	1.180	53.400		11.56	60.68						
Adjuvant/Surfactant	Surphtac	34704-50086		1.096	33.000		9.56	28.80	23.19	69.87	0.50	1.51		
Clopyralid	Transline	62719-259	22.50	1.161	40.900	89.00								
Adjuvant	Unfoamer	34704-50062-AA		1.000	12.500		0.13	0.14						
Dicamba, diglycolamine salt	Vanquish	55947-46	230.00	1.250	56.800	1360.29								
Dicamba, diglycolamine salt	Vanquish	228-397	0.00	1.250	56.800		7.5	44.36						
Adjuvant	Weather Gard Complete	34704-50056-AA		1.010	100.000						8.25	69.41		
	Weedar 64	71368-1-264	526.75	1.160	38.900	1979.96								
	Dry Materials		(pounds)			Amt used x %AI	(pounds)		(pounds)		(pounds)		(pounds)	
Dithiopyr	Dimension Ultra 40 WP	62719-445	0.00	N/A	40.000		3.75	1.50						
	Direx 80DF	352-508-1812	2875.00	N/A	80.000	2300.00								
	Endurance	55947-43	1513.00	N/A	65.000	983.45								
Isoxaben	Gallery 75DF	62719-145	54.00	N/A	75.000	40.50								
	Gallery SC	62719-658 AA		N/A	45.450		452.50	205.66	60.00	27.27	11.25	5.11		
Sulfumeturon methyl	Oust	352-401	27.38	N/A	75.000	20.53								
	Predict	55947-78	495.00	N/A	78.600	389.07								
Prodiamine	Resolute 65WG	100-834-ZE		N/A	65.000		148.00	96.20	95.00	61.75	80.00	52.00		
	Ronstar 50WSP	264-538	120.00	N/A	50.000	60.00								
	Simtrol 90DF	35915-12-60063	430.00	N/A	90.000	387.00								
Tebuthiuron	Spike 80DF	62719-107	60.00	N/A	80.000	48.00	24.00	19.20						
Chlorsulfuron	Telar	352-404	25.38	N/A	75.000	19.031								
					TOTAL:	**16590.97**		**4607.39**		**4320.83**		**3472.69**		**1179.42**
				"Bad Actors" w/May 2013		6927.76		2431.57		2531.99		1738.47		1016.60

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 18-19, Revised 11-19-2019

Contra Costa County Public Works-Special Districts

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 07-08		% A. I.	Total oz. A.I Used FY 07-08	Amt Used FY 15-16	Total OZ. A.I. Used 15-16	Amt Used FY 16-17	Total OZ. A.I. Used 16-17	Amt Used FY 17-18	Total OZ. A.I. Used 17-18	Amt Used FY 18-19	Total OZ. A.I. Used 18-19
	Dry Materials		(pounds)			Amt used x % AI	(pounds)		(pounds)		(pounds)		(pounds)	
Diphacinone	Diphacinone Treated Grain Rodent Bait	10965-50001-ZA	no data	N/A	0.005	no data	1.00	0.00005	10.00	0.00050				
Diphacinone	Eaton's Answer	56-57	no data	N/A	0.005	no data	17.00	0.00085	5.00	0.00025				
Diphacinone	Eaton's Bait Blocks	56-42	no data	N/A	0.005	no data	9.50	0.00048	3.00	0.00015				
Diphacinone	Gopher Getter Type 2 AG Bait	36029-23	no data	N/A	0.005	no data								
Diphacinone	Gopher Getter Type 2 AG Bait	36029-24	no data	N/A	0.005	no data								
Diphacinone	P.C.Q. Pelleted Rodent Bait	12455-50003-AA	no data	N/A	0.010	no data								
Aluminum phosphide	Weevil-cide	70506-13	no data	N/A	60.000	no data								
					TOTAL			**0.00138**		**0.00090**		**0.00**		**0.00**
					TOTAL Oz.			0.02 oz.		0.01 oz.		0.00		0.00
				w/May 2013 changes				0.00		0.00		0.00		0.00

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 18-19, Revised 11-19-2019

Contra Costa County Department of Agriculture

Gal. used x 8.33 lbs/gal H20 x sp. Grav. x %AI

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 00-01	Specific Gravity	% A. I.	Total Lbs A.I Used FY 00-01	Amt Used FY 15-16	Total Lbs A.I. Used 15-16	Amt Used FY 16-17	Total Lbs A.I. Used 16-17	Amt Used FY 17-18	Total Lbs A.I. Used 17-18	Amt Used FY 18-19	Total Lbs A.I. Used 18-19
	Liquid Materials		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
glyphosate	Aquamaster	524-343		1.205	53.80									
Dicamba & 2.4 D	Banvel	55947-1	14.91	1.211	48.20	72.51								
	2,4-D	34704-5	5.50	1.163	46.50	24.78								
	Bivert	2935-50157-AA	0.93	0.790	100.00	6.12								
	Carbaryl ("7")	54705-4	7.95	1.100	41.20	30.01								
dicamba, diglycolamine salt	Clarity	7969-137	0.00	1.250	58.10		2.55	15.43	1.38	8.35	7.87	47.61	1.68	10.16
Triclopyr, butoxyethyl ester	Garlon 4 Ultra	62719-527		1.110	60.45		8.85	49.47	8.44	47.17	1	5.59		
Triclopyr, butoxyethyl ester	Garlon 4	464-554	2.50	1.082	61.60	13.88								
imazapyr isopropylamine salt	Habitat	241-426	0.00	1.068	28.70	0.00								
surfactant	Hasten	2935-50160		0.900	100.00									
Drift retardant--oils	In Place	2935-50169		0.880	100.00						2.25	16.49		
Aminopyralid, triisopropanolammonium salt	Milestone	62719-519	0.00	1.140	40.60		0.98	3.78	0.62	2.39	2.23	8.60	1.43	5.51
surfactant	Pro-Tron	71058-50008-AA		0.984	95.00		0.11	0.86	1.11	8.64	1.8	14.02	1.25	9.73
Adjuvant	R-11	2935-50142-AA	51.00	1.020	90.00	389.99							0.0039	0.03
Glyphosate, isopropylamine salt	Rodeo	524-343	2.50	1.205	53.80	13.50								
Glyphosate, isopropylamine salt	Roundup Pro	524-475	69.14	1.170	41.00	276.35								
Glyphosate, isopropylamine salt	Roundup Pro Conc.	524-529		1.199	50.20		1.09	5.47						
imazapyr isopropylamine salt	Stalker	241-398		1.060	27.60									
Picloram potassium salt	Tordon 22K	464-323	1.53	1.140	24.40	3.55								
Clopyralid, monoethanolamine salt	Transline	62719-259	70.28	1.161	40.90	277.99			0.01	0.04				
dicamba, diglycolamine salt	Vanquish	55947-46	50.59	1.250	56.80	299.20								
	Dry Materials		(pounds)			Amt . Used x %AI	(pounds)		(pounds)		(pounds)		(pounds)	
Diphacinone	Diphacinone .005%	10965-50001-ZA	725.00	N/A	0.005	0.04	731.00	0.03655	236.00	0.0118	620.00	0.031	600	0.03
Diphacinone	Diphacinone .01%	10965-50003-ZA	15667.30	N/A	0.01	1.57	11888.50	1.18885	11389.00	1.1389	18665.00	1.867	9300	0.93
Sodium nitrate, charcoal	Gas Cartridge	56228-2	0.00	N/A	81.00									
Imidacloprid	Merit 75WSP	3125-439	13.58	N/A	75.00	10.19								
Chlorsulfuron	Telar	352-522	0.00	N/A	75.00									
Picloram potassium salt	Tordon 10K	464-320	8.56	N/A	11.60	0.99								
Aluminum phosphide	Weevil-cide	70506-13	0.00	N/A	60.00				0.66	0.396				
					TOTAL:	**1420.66**		**76.22**		**68.14**		**94.21**		**26.40**
				w/May 2013 changes		431.04		20.89		8.74		47.61		10.16

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 18-19, Revised 11-19-2019

Contra Costa County Public Works-Grounds

Gal. used x 8.33 lbs/gal H20 x sp. Grav. x %AI

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 00-01	Specific Gravity	% A. I.	Total Lbs A.I Used FY 00-01	Amt Used FY 15-16	Total Lbs A.I. Used 15-16	Amt Used FY 16-17	Total Lbs A.I. Used 16-17	Amt Used FY 17-18	Total Lbs A.I. Used 17-18	Amt Used FY 18-19	Total Lbs A.I. Used 18-19
	Liquid Materials		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Clethodim	Arrow 2EC	66222-60		0.970	26.40		0.06	0.13	0.03	0.06				
Adjuvant	Crop Oil (Monterey Herbicide Helper)	54705-50001-AA		0.900	100.00									
Fluazifop-P-butyl	Fusilade II	100-1084		0.980	24.50									
	Goal	707-174	12.09	0.990	19.40	19.34								
Adjuvant	Magnify	17545-50018		1.220	51.50						0.07	0.37		
	Maintain A	400-396-AA	0.00	1.000	0.30									
Adjuvant	No Foam A (Monterey)	54705-50004-AA		1.050	90.00		0.003	0.02	0.03	0.24				
Adjuvant	No Foam A	1050775-50015-AA		1.050	90.00		0.0155	0.12						
	NuFarm Polaris	228-534-AA		1.057	27.70				0.08	0.20	0.109	0.27		
Glyphosate isopropylamine salt	RangerPro	524-517-ZB		1.169	41.00		14.62	58.37						
	Roundup Pro	524-445-ZB	44.78	1.020	41.00	156.00								
Glyphosate isopropylamine salt	Roundup Pro Conc.	524-529	0.00	1.199	50.20				39.13	196.19	59.32	297.42	126.86	636.05
Glyphosate potassium salt	Roundup Promax	524-579		1.356	48.70		55.28	304.09	16.13	88.73				
	Triclopyr 4EC	81927-11-AA		1.100	61.60									
Triclopyr BEE	Turflon	62719-258	0.36	1.060	61.60	1.96								
	Turflon Ester	17545-8-AA		1.08	60.45									
	Dry Materials		(pounds)		%AI		(pounds)		(pounds)		(pounds)		(pounds)	
Isoxaben	Gallery 75 DF	62719-145-AA	129.44	N/A	75.00	97.08	80.00	60.00	11.78	8.84	40.80	30.60		
Dithiopyr	Dithiopyr 40 WSB	73220-13		N/A	0.125 lbs ai/5 oz		5 oz (1 bag)	0.125						
	Dithiopyr 40 WSB	73220-13		N/A	40.00								5	2.00
Flumioxazin	Payload	59639-120-ZA		N/A	51.00		1.92	0.98	3.33	1.70	4.10	2.09	8.31	4.24
	Orthene	59639-88	0.69	N/A	75.00	0.52								
Sulfometuron methyl	Oust	352-401	5.13	N/A	75.00	3.85								
	Quali-Pro Dithiopyr	66222-213-AA		N/A	40.00				0.63	0.25	2.81	1.12		
Oxadiazon	Ronstar WP	264-538	1297.25	N/A	50.00	648.63								
Halosulfuron methyl	Sedgehammer	81880-1-10163		N/A	75.00		0.007	0.005						
Halosulfuron methyl	Sedgehammer	81880-24-10163		N/A	5.00		0.04	0.002						
Flumioxazin	SureGuard	59639-120		N/A	51.00		17.33	8.84	13.76	7.02	10.19	5.20	8.26	4.21
					TOTAL	**927.37**		**432.68**		**303.22**		**337.06**		**646.50**
				w/Nov 2019 changes		649.14		362.46		284.92		297.42		636.05

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 18-19, Revised 11-19-2019

Contra Costa County Public Works-Facilities

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 07-08	Specific Gravity	% A. I.	Total oz. A.I Used FY 07-08	Amt Used FY 15-16	Total OZ. A.I. Used 15-16	Amt Used FY 16-17	Total OZ. A.I. Used 16-17	Amt Used FY 17-18	Total OZ. A.I. Used 17-18	Amt Used FY 18-19	Total OZ. A.I. Used 18-19
	Liquid Materials		**(fl. ounces)**				(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.
Indoxacarb	Advion Ant Bait Arena	100-1485		1.09	0.10		252 ea (Net wt of Arena is 0.07 oz)	0.02	112 ea (Net wt of Arena is 0.07 oz)	0.00889	30 ea (Net wt of Arena is 0.07 oz)	0.002		
Indoxacarb	Advion Ant Gel	100-1498		1.2	0.05		143.67	0.08965	202.70	0.12648	165.70	0.103	30.63	0.02
Indoxacarb	Advion Cockroach Bait Arena	100-1486		1.09	0.50		41 ea (Net wt of Arena is 0.07 oz)	0.01627	10 ea (Net wt of Arena is 0.07 oz)	0.00397	1 ea (Net wt of Arena is 0.07 oz)	0.0004		
Indoxacarb	Advion Cockroach Gel Bait	100-1484		1.123	0.60		14.61	0.10238	60.10	0.42115	41.44	0.290	17.73	0.12
Chlorantraniliprole	Altriset	100-1503		1.094	18.4									
Chlorantraniliprole	Altriset (DuPont)	352-829		1.094	18.4				7.00	1.46543				
Abamectin	Avert Cockroach Bait Station	499-467		1.065	0.05				2 ea (Net wt of Station is 0.52 oz)	0.00058				
Cedar oil	Best Yet Insect Control Solution Cedarcide	Exempt 25b material		1.00	10.00		16.00	1.66400	76.00	7.90400	172.00	17.888	128	13.31
Cedar oil	Cedarcide PCO Choice Concentrate	Exempt 25b material		1.00	85.00		10.00	8.84000	5.08	4.49072	3.20	2.829	43.68	38.61
White pepper, mineral oil	DeTour for Rodents	Exempt		0.864	3.00				8	0.21565				
Sodium Tetraborate decahydrate	Doninant Liquid Ant Bait	64405-24		1	1.00				20.00	0.20800	673.00	6.99920		
Botanical oils: thyme, rosemary 2-phenethyl propionate	Eco Via	Exempt 25b material		0.95	42.00						6.00	2.490	24.25	10.06
Botanical oils: peppermint, rosemary, geraniol	Essentria IC3	Exempt 25b material		0.985	17.00						132.00	22.988	667	116.16
Hydrogen Peroxide 4.25%	H202 Disinfectant	exempt		1	4.25								1.28	0.06
Sodium Tetraborate Decahydrate (Borax	Intice Thiquid Ant Bait	73079-7		1.33	1.00				1952.3	27.00421	3861.8	53.416	616	8.52
Sodium Tetraborate Decahydrate (Borax	Intice Thiquid Ant Bait	73079-8		1.33	5.00								242.9	16.80
Fipronil	Maxforce Ant KillerBait Gel	64248-21		1.05	0.00				1.12	0.00001				
Fipronil	Maxforce FC Magnum	432-1460		1.14	0.05				1.05	0.00062				
Fipronil	Maxforce FC Select Roach Gel	432-1259		1.14	0.01								3.33	0.00039
Clothianidin	Maxforce Impact Roach gel	432-1531		1.1	1.00						33.5	0.383	15.05	0.17
Imidacloprid	Maxforce Quantum Ant Bait	432-1506		1.43	0.03		31.71	0.01415	20.2	0.00901	8.09	0.004	29.5	0.0132

Contra Costa County Public Works-Facilities, cont.

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 07-08	Specific Gravity	% A. I.	Total oz. A.I Used FY 07-08	Amt Used FY 15-16	Total OZ. A.I. Used 15-16	Amt Used FY 16-17	Total OZ. A.I. Used 16-17	Amt Used FY 17-18	Total OZ. A.I. Used 17-18	Amt Used FY 18-19	Total OZ. A.I. Used 18-19
	Liquid Materials		**(fl. ounces)**				(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.
Octyl Decyl Dimethyl Ammonium Chloride .... 1.650% Didecyl Dimethyl Ammonium Chloride ..... 0.825% Dioctyl Dimethyl Ammonium Chloride ..... 0.825% Alkyl (C14, 50%; C12, 40%; C16, 10%) dimethyl benzyl ammonium chloride 2.200%	Nisus DSV Dininfectant	10324-80-64405		0.85	5.5								32.00	1.56
Methyl Ethoxy Pyridine	Nyguard IGR Concentrate	1021-1603		0.939	10.00				0.6	0.05859				
Methyl Ethoxy Pyridine	Nyguard IGR Concentrate	1021-1620		0.854	1.30						0.10	0.001		
Methyl Ethoxy Pyridine	Nylar (Archer)	100-1111		0.847	1.30				3	0.03435				
Methyl Ethoxy Pyridine	Nylar IGR	11715-307-57076		0.8	1.30						1.00	0.011		
sodium lauryl sulfate	Oh Yeah	Exempt		1	7.00		78	5.67840	865.5	63.00840	70	5.096	164	11.94
coyote & fox urine	Shake Away: Fox/Coyote	80917-5		2.70	5.00				5.00	0.70200				
Imidacloprid	Temprid Ready Spray Insecticide	432-1527		1.00	0.05				10.00	0.00520				
Cyfluthrin				1.00	0.03				10.00	0.00260				
Fipronil	Termidor SC (termites)	7969-210		1.06	9.10				3.20	0.32102				
Sodium Tetraborate Decahydrate (Borax	Terro PCO Bait stations	149-8-64405		1.00	5.40		170-0.36 oz stations	3.43699	149-0.36 oz stations	3.01242				
Sodium Tetraborate Decahydrate (Borax	Terro PCO Liquid Ant Bait	149-8-64405		1.00	5.40				19.44	1.09175				

	Dry Materials		**(ounces)**		**% A.I.**		OZ. by Wt.		OZ. by Wt.		OZ. by Wt.		OZ. by Wt.	
Dinotefuran	Alpine Dust	499-527			0.25				0.11	0.0003				
Diatomaceous earth					95.00				0.11	0.1045				
Dinotefuran	Alpine WSG	499-561			0.40						0.353	0.0014		
Incoxacarb	Advion Fire Ant Bait	100-1481			0.045		3.17	0.0014			0.49	0.0002	0.39	0.00018
Incoxacarb	Advion Insect Granule	352-651			0.22				9.64	0.0212				
Amorphous silica gel	Cimexa	73079-12			100.00				5.12	5.1200	3.20	3.200	4.64	4.64

CCC Public Works - Facilities, cont.

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 07-08		% A. I.	Total oz. A.I Used FY 07-08	Amt Used FY 15-16	Total OZ. A.I. Used 15-16	Amt Used FY 16-17	Total OZ. A.I. Used 16-17	Amt Used FY 17-18	Total OZ. A.I. Used 17-18	Amt Used FY 18-19	Total OZ. A.I. Used 18-19
	Dry Materials, cont.		**(ounces)**				OZ. by Wt.		OZ. by Wt.		OZ. by Wt.		OZ. by Wt.	
Amorphous silicon dioxide	Concern Diatomaceous Earth	73729-1-50932			85.00		0.79	0.6715	1.29	1.0965				
Essential oil of black pepper	Havahart Critter Ridder	50932-10			0.48		458	2.1984	1371	6.5808	278.00	1.334	40	0.19
Sodium nitrate, sulfur, charcoal	Giant Destroyer gas cartridge	1055-1			97.00									
Orthoboric acid	Niban FG Mother Earth Granules Niban granular	64405-2 499-515 64405-2	3813.7600		5.00	190.69	6038.5	301.925	2886.5	144.325	940.5	47.025	632.5	31.63
				OZ of A.I		**335.55**		485.859		267.343		164.062		253.801968
				LBs of A.I.		**20.97**		**30.37**		**16.71**		**10.25**		**15.86**
				OZ of BA		0.41		0.0582		0.0006		0.00		0.00

Contra Costa County Public Works-Airports

Gal. used x 8.33 lbs/gal H20 x sp. Grav. x %AI

	Name of Product Applied	EPA or Calif. Registration #	Amt Used FY 00-01	Specific Gravity	% A. I.	Total Lbs A.I Used FY 00-01	Amt Used FY 15-16	Total Lbs A.I. Used 15-16	Amt Used FY 16-17	Total Lbs A.I. Used 16-17	Amt Used FY 17-18	Total Lbs A.I. Used 17-18	Amt Used FY 18-19	Total Lbs A.I. Used 18-19
	Liquid Materials		**(gallons)**				**(gallons)**		**(gallons)**		**(gallons)**		**(gallons)**	
Glyphosate isopropylamine salt	Roundup Pro Conc.	524-529		1.199	50.20								90	451.24

Bad Actor Data is included in PW totals on page 2

451.24 oz a.i. is approximate