

**CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022**

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 18-19	Total Lbs A.I. Used 18-19	Amt Used FY 19-20	Total Lbs A.I. Used 19-20	Amt Used FY 20-21	Total Lbs A.I. Used 20-21	Amt Used FY 21-22	Total Lbs A.I. Used 21-22
	<i>Liquid Materials</i>		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Adjuvant	Activator 90	36208-50014	613.88	1.040	90.000	4786.31	3.5	27.29			17.19	134.01	46.13	359.67
Adjuvant	Agri-Dex	5905-50094-AA		0.879	99.000		21	152.23			19.25	139.54	70.92	514.09
	Chemtrol	36208-50015	14.00	0.995	1.000	1.16								
Penoxulam	Cleantraxx	62719-702-AA		1.177	0.850									
Oxyfluorfen				1.177	40.310									
Sodium salt of Imazxamox	Clearcast	241-437-AA-67690		1.049	12.100		0.5	0.53						
Copper ethanalamine complexes, mixed	Citrine Plus	8959-10-AA	65.00	1.206	9.000	58.78								
Dithiopyr	Dimension 2EW	62719-542-AA		1.001	24.000									
Indaziflam	Esplanade 200 SC	432-1516-AA		1.050	19.050		0	0.00	0	0.00	8.4	13.99	17.88	29.80
Prodiamine	Evade 4FL	34704-915-AA		1.184	40.500									
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		0.25	0.21						
Triclopyr triethylamine salt	Garlon 3A	62719-37-ZA	64.00	1.135	44.400	268.66	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								
Oxyfluorfen	Goal Tender	62719-447-ZA	0.00	1.170	41.000									
Imazapyr, isopropylamine salt	Habitat	241-426-AA	0.00	1.068	28.700		0.75	1.92	0	0.00	1.13	2.89	3.44	8.78
Heavy-range paraffin based petroleum oil+nonionic emulsifiers	Helena Agri-Dex	5905-50017-AA		0.879	99.000									
Adjuvant	Liberate	CA 34704-50030		0.976	100.000								119.96	975.27
Aminopyralid, tri isopropanolamine salt	Milestone	62719-519-AA		1.140	40.600		15.59	60.11	0	0.00	8.59	33.13	0.98	3.77
Aminopyralid, tri isopropanolamine salt	Milestone VM	62719-537-AA	0.00	1.140	40.600									
Adjuvant	No Foam A	1050775-50015-AA		1.060	90.000		28.5	226.48						
Pendimethalin	Pendulum Aquacap	241-416-AA	0.00	1.175	38.700									
Imazapyr, isopropylamine salt	Polaris	228-534-AA		1.057	27.700									
Adjuvant	Quest	5905-50076-AA		1.350	48.760		26.5	145.31						
Triclopyr TEA	Renovate 3	62719-37-67690	0.00	1.140	44.400		25.75	108.59					12.03	50.74
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		33.75	182.41					23.75	128.34
Glyphosate	Roundup Pro	524-475-ZA & ZB	510.75	1.170	41.000	2041.43								

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022

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 18-19	Total Lbs A.I. Used 18-19	Amt Used FY 19-20	Total Lbs A.I. Used 19-20	Amt Used FY 20-21	Total Lbs A.I. Used 20-21	Amt Used FY 21-22	Total Lbs A.I. Used 21-22
	<i>Liquid Materials</i>		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Glyphosate, isopropylamine salt	Roundup Pro Conc.	524-529	0.00	1.199	50.200		7	35.08	0	0.00	17.97	90.09	327.27	1640.88
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									
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									
Adjuvant/Surfactant	Surphtac	34704-50086		1.096	33.000									
Clopyralid	Transline	62719-259	22.50	1.161	40.900	89.00								
Adjuvant	Unfoamer	34704-50062-AA		1.000	12.500									
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									
Triclopyr choline	Vastlan	62719-687		1.235	54.720						17.97	101.15	285.95	1609.73
	Weedar 64	71368-1-264	526.75	1.160	38.900	1979.96								

	<i>Dry Materials</i>		(pounds)			Amt used x %AI	(pounds)		(pounds)		(pounds)		(pounds)	
Dithiopyr	Dimension Ultra 40 WP	62719-445	0.00	N/A	40.000								75	30.00
	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									
Sulfometuron 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									
	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								
	<b>TOTAL:</b>				<b>16590.97</b>			<b>1179.42</b>		<b>0.00</b>		<b>514.80</b>		<b>5351.07</b>
	Bad Actor Totals				6927.76			1016.60		215.59		1757.18		2152.12

(Bad Actor totals include Airport usage from page 3)

**CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022**

**Contra Costa County Public Works-Airports**

Gal. used x 8.33 lbs/gal H2O 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 18-19	Total Lbs A.I. Used 18-19	Amt Used FY 19-20	Total Lbs A.I. Used 19-20	Amt Used FY 20-21	Total Lbs A.I. Used 20-21	Amt Used FY 21-22	Total Lbs A.I. Used 21-22
	<i>Liquid Materials</i>		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Aminopyralid, trisopropanolammonium salt	Milestone	62719-519	0.00	1.140	40.60				15	57.84	14	53.98	4.78	18.43
Indaziflam	Esplanade 200 SC	432-1516-AA		1.050	19.050				5	8.33	4	6.66	1.5	2.50
Glyphosate isopropylamine salt	Roundup Pro Conc.	524-529		1.199	50.20		90	451.24	43	215.59	332.5	1667.09	66.25	332.16
Adjuvant	Weather Gard Complete	34704-50056-AA		1.010	100.000				7.5	63.10	61.5	517.42	36.5	307.09
Triclopyr	Capstone	62719-572		1.053	19.240						203	342.52	49.5	80.05
<b>TOTAL:</b>						incl on pg. 2		<b>451.24</b>		<b>344.87</b>		<b>2587.67</b>		<b>740.23</b>

Bad Actor Data is included in PW totals on page 2

**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 18-19	Total OZ. A.I. Used 18-19	Amt Used FY 19-20	Total OZ. A.I. Used 19-20	Amt Used FY 20-21	Total OZ. A.I. Used 20-21	Amt Used FY 21-22	Total OZ. A.I. Used 21-22
	<i>Dry Materials</i>		(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							
Diphacinone	Eaton's Answer	56-57	no data	N/A	0.005	no data							
Diphacinone	Eaton's Bait Blocks	56-42	no data	N/A	0.005	no data							
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							
<b>TOTAL</b>								<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
TOTAL Oz.								0.00		0.00		0.00	0.00
Bad Actor Totals								0.00		0.00		0.00	0.00

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022

Contra Costa County Department of Agriculture

Gal. used x 8.33 lbs/gal H2O 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 18-19	Total Lbs A.I. Used 18-19	Amt Used FY 19-20	Total Lbs A.I. Used 19-20	Amt Used FY 20-21	Total Lbs A.I. Used 20-21	Amt Used FY 21-22	Total Lbs A.I. Used 21-22
	<i>Liquid Materials</i>		(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		1.68	10.16	10.01	60.56	5.24	31.67	3.03	18.33
Triclopyr, butoxyethyl ester	Garlon 4 Ultra	62719-527		1.110	60.45				7.29	40.75	11.31	63.23	18.31	102.33
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									
Aminopyralid, trisopropanolammonium salt	Milestone	62719-519	0.00	1.140	40.60		1.43	5.51	3.9	15.04	63.66	245.42	3.1	11.97
surfactant	Pro-Tron	71058-50008-AA		0.984	95.00		1.25	9.73	5.39	41.97	1.09	8.50	1.12	8.70
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									
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			0.13	0.51			0.25	0.99
dicamba, diglycolamine salt	Vanquish	55947-46	50.59	1.250	56.80	299.20								
Spreader, sticker, deposition aid	NuFilm	90930-50022									2.95	21.60	3.02	22.13
Spray indicator	Hi-Lite										3.19	23.42	4.24	31.07

	<i>Dry Materials</i>		(pounds)			Amt . Used x %AI	(pounds)		(pounds)		(pounds)		(pounds)	
Diphacinone	Diphacinone .005%	10965-50001-ZA	725.00	N/A	0.005	0.04	600	0.03	105	0.01	563	0.03	356	0.02
Diphacinone	Diphacinone .01%	10965-50003-ZA	15667.30	N/A	0.01	1.57	9300	0.93	12943	1.29	8573.5	0.86	5409	0.54
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									
	<b>TOTAL:</b>						<b>1420.66</b>		<b>26.40</b>		<b>160.13</b>		<b>394.73</b>	<b>196.08</b>
	Bad Actor Totals						431.04		10.16		60.56		31.67	18.33

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022

Contra Costa County Public Works-Grounds

Gal. used x 8.33 lbs/gal H2O 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 18-19	Total Lbs A.I. Used 18-19	Amt Used FY 19-20	Total Lbs A.I. Used 19-20	Amt Used FY 20-21	Total Lbs A.I. Used 20-21	Amt Used FY 21-22	Total Lbs A.I. Used 21-22
	<i>Liquid Materials</i>		(gallons)				(gallons)		(gallons)		(gallons)		(gallons)	
Clethodim	Arrow 2EC	66222-60		0.970	26.40									
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									
	Maintain A	400-396-AA	0.00	1.000	0.30									
Adjuvant	No Foam A (Monterey)	54705-50004-AA		1.050	90.00									
Adjuvant	No Foam A	1050775-50015-AA		1.050	90.00									
	NuFarm Polaris	228-534-AA		1.057	27.70									
Glyphosate isopropylamine salt	RangerPro	524-517-ZB		1.169	41.00									
	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		126.86	636.05	73.5	368.52	53.87	270.08	47.63	238.78
Glyphosate potassium salt	Roundup Promax	524-579		1.356	48.70									
	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									
	<i>Dry Materials</i>		(pounds)		%AI		(pounds)		(pounds)		(pounds)		(pounds)	
Isoxaben	Gallery 75 DF	62719-145-AA	129.44	N/A	75.00	97.08			32	24.00	32	24.00	15	11.25
Dithiopyr	Dithiopyr 40 WSB	73220-13		N/A	0.125 lbs ai/5 oz									
	Dithiopyr 40 WSB	73220-13		N/A	40.00		5	2.00	6.01	2.40	6.44	2.58	3.75	1.50
Flumioxazin	Payload	59639-120-ZA		N/A	51.00		8.31	4.24	1.25	0.64	6.75	3.44	5.63	2.87
	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									
Oxadiazon	Ronstar WP	264-538	1297.25	N/A	50.00	648.63								
Halosulfuron methyl	Sedgehammer	81880-1-10163		N/A	75.00									
Halosulfuron methyl	Sedgehammer	81880-24-10163		N/A	5.00					0.06	0.003			
Flumioxazin	SureGuard	59639-120		N/A	51.00		8.26	4.21	7.93	4.04	7.96	4.06	9.15	4.67
	<b>TOTAL</b>					<b>927.37</b>		<b>646.50</b>		<b>399.60</b>		<b>304.16</b>		<b>259.07</b>
				Bad Actor Totals		649.14		636.05		368.52		270.08		238.78

**CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022**

**Contra Costa County Public Works-Facilities**

	<b>Name of Product Applied</b>	<b>EPA or Calif. Registration #</b>	<b>Amt Used FY 07-08</b>	<b>Specific Gravity</b>	<b>% A. I.</b>	<b>Total oz. A.I. Used FY 07-08</b>	<b>Amt Used FY 18-19</b>	<b>Total OZ. A.I. Used 18-19</b>	<b>Amt Used FY 19-20</b>	<b>Total OZ. A.I. Used 19-20</b>	<b>Amt Used FY 20-21</b>	<b>Total OZ. A.I. Used 20-21</b>	<b>Amt Used FY 21-22</b>	<b>Total OZ. A.I. Used 21-22</b>
	<b>Liquid Materials</b>		<b>(fl. ounces)</b>				<b>(fl. Oz.)</b>	<b>Oz. by Wt.</b>	<b>(fl. Oz.)</b>	<b>Oz. by Wt.</b>	<b>(fl. Oz.)</b>	<b>Oz. by Wt.</b>	<b>(fl. Oz.)</b>	<b>Oz. by Wt.</b>
Indoxacarb	Advion Ant Bait Arena	100-1485		1.09	0.10									
Indoxacarb	Advion Ant Gel	100-1498		1.2	0.05		30.63	0.02	135.105	0.08	81.13	0.05	141.575	0.09
Indoxacarb	Advion Cockroach Bait Arena	100-1486		1.09	0.50									
Indoxacarb	Advion Cockroach Gel Bait	100-1484		1.123	0.60		17.73	0.12	28.3776	0.20	44.695	0.31	160.09	1.12
Dinofenfurin, pyriproxyfen, prallethrin	Alpine Flea Insecticide with IGR	499-540		1	0.4						0.48	0.002	45.2	0.188
1,2-Benzisothiazolin-3-one	Bac-Azap	exempt		1	0.04				20	0.0083				
Cedar oil	Best Yet Insect Control Solution Cedarcide	exempt		1.00	10.00		128	13.31	11.25	1.17	139	14.46		0.00
Iron phosphate (0.97%) Spinosad (0.07%)	Brandt Antixx Plus	67702-24-48813		0.77	1.04				20	0.1666				
Cedar oil	Cedarcide PCO Choice Concentrate	exempt		1.00	85.00		43.68	38.61	32.8497	29.04			5.7647	5.10
White pepper, mineral oil	DeTour for Rodents	exempt		0.864	3.00									
Sodium Tetraborate decahydrate	Dominant Liquid Ant Bait	64405-24		1	1.00				48	0.49920	57.05	0.59332	7844	81.57760
dimethyl, dioctyl dimethyl, alkyl dimethyl benzyl ammonium chloride	DSV Disinfectant	10324-80-64405		1	5.50								27	1.54440
Botanical oils: thyme, rosemary 2-phenethyl propionate	Eco Via	exempt		0.95	42.00		24.25	10.06						
Botanical oils: peppermint, rosemary, geraniol	Essentria IC3	exempt		0.985	17.00		667	116.16	890	154.99	41.82	7.28	260	45.28
Peppermint oil, sodium lauryl sulfate	Essentria Wasp & Hornet Spray	exempt		0.97	1.65						0.693	0.01	190	3.16
Hydroprene	Gentrol IGR Concentrate	2724-351		0.87	9.00						0.18	0.01	10	0.81
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		616	8.52	28.4	0.39				
Sodium Tetraborate Decahydrate (Borax)	Intice Thiquid Ant Bait	73079-8		1.33	5.00		242.9	16.80	153.3	10.60	76.55	5.29		
Sodium Tetraborate Decahydrate (Borax)	Intice Thiquid Ant Bait	73079-8		1.33	2.50				250.95	8.68				
Nonpathogenic bacillus bacteria	Invade Biofoam	exempt		0.98	n/a				131	n/a	61	n/a	5	n/a
Abamectin B1	Invict AB Insect Paste	73079-11		1	0.05								53.75	0.03

CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022

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 18-19	Total OZ. A.I. Used 18-19	Amt Used FY 19-20	Total OZ. A.I. Used 19-20	Amt Used FY 20-21	Total OZ. A.I. Used 20-21	Amt Used FY 21-22	Total OZ. A.I. Used 21-22
	<i>Liquid Materials</i>		(fl. ounces)				(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.	(fl. Oz.)	Oz. by Wt.
Fipronil	Maxforce Ant KillerBait Gel	64248-21		1.05	0.00								5.25	0.00006
Fipronil	Maxforce Fleet Ant Bait	432-1264		1.27	0.001						0.00024115	0.000000003	24.57	0.000324521
Fipronil	Maxforce FC Select Roach Gel	432-1259		1.14	0.01		3.33	0.00039	1.125	0.00013			1.05	0.00012
Clothianidin	Maxforce Impact Roach gel	432-1531		1.1	1.00		15.05	0.17	18.56	0.21	58.66	0.67	40.74	0.47
Imidacloprid	Maxforce Quantum Ant Bait	432-1506		1.43	0.03		29.5	0.0132	20.1	0.0090	4.48	0.0020		
Clove oil (.05%) Cottonseed oil (.05%)	Nature-cide All-purpose Concentrate	Exempt		1	0.10				58	0.06	0.3	0.0003	16	0.0166
Cedarwood oil (50.6%) Cinnamon oil (25.4%)	Nature-cide Pest Mgmt X2 Concentrate	Exempt		1	76.00				2	1.58	218.12	172.40	208.5	164.80
Methyl Ethoxy Pyridine	Nyguard IGR Concentrate	1021-1603		0.939	10.00								2.4	0.23
Methyl Ethoxy Pyridine	Nylar (Archer)	100-1111		0.847	1.30								5	0.06
Methyl Ethoxy Pyridine	Nylar IGR	11715-307-57076		0.8	1.30				2	0.02				
sodium lauryl sulfate	Oh Yeah	exempt		1	7.00		164	11.94	456	33.20	16.17	1.18	58.21	4.24
Thiamethoxam	Optigard	100-1260		1.263	0.01				10.195	0.0013	0.0115675	0.000002	77.28	0.010151
Hyrogen Peroxide	Oxivir 6 Peroxide Based Cleaner			1.038	4.25						3.84	0.176178		
lauroampho acetate, sodium lauryl sulfate	Profoam Platinum	1051148-50001-AA		1	60.00						129.6	80.870400	116	72.384000
Deltamethrin	Suspend SC	432-763		1.05	4.75				6.5	0.34	0.2375	0.01	39.92	2.07
Thyme oil, lemongrass oil, citronella, sodium lauryl sulfate	Web out	n/a		1.00	10.50								13	39.92
Fipronil	Termidor SC (termites)	7969-210		1.06	9.10								0.3429	0.03
Sodium Tetraborate Decahydrate (Borax)	Dominant Bait Stations	64405-23		1.00	5.40								96.82	5.44
Sodium Tetraborate Decahydrate (Borax)	Terro PCO Liquid Ant Bait	149-8-64405		1.00	5.40				8.64	0.49				
Coyote urine	WCS Coyote Urine	N/A		1.00	100.00								17.5	18.2

**CONTRA COSTA COUNTY OPERATIONS - PESTICIDE USE SUMMARY COMPARISON FY 00-01 to FY 21-22, Revised 11/9/2022**

**CCC Public Works - Facilities, cont.**

	<b>Name of Product Applied</b>	<b>EPA or Calif. Registration #</b>	<b>Amt Used FY 07-08</b>		<b>% A. I.</b>	<b>Total oz. A.I Used FY 07-08</b>	<b>Amt Used FY 18-19</b>	<b>Total OZ. A.I. Used 18-19</b>	<b>Amt Used FY 19-20</b>	<b>Total OZ. A.I. Used 19-20</b>	<b>Amt Used FY 20-21</b>	<b>Total OZ. A.I. Used 20-21</b>	<b>Amt Used FY 21-22</b>	<b>Total OZ. A.I. Used 21-22</b>
	<i>Dry Materials</i>		<b>(ounces)</b>				<b>OZ. by Wt.</b>		<b>OZ. by Wt.</b>		<b>OZ. by Wt.</b>		<b>OZ. by Wt.</b>	
Dinotefuran	Alpine WSG	499-561			0.40								1.411	0.01
Abamectin	Advance 375A Select Granular Ant Bait	499-370			0.01								54	0.01
Incoxacarb	Advion Fire Ant Bait	100-1481			0.045		0.39	0.00018						
Incoxacarb	Advion Insect Granule	100-1483			0.22								1.9712	0.00
Amorphous silica gel	Cimexa	73079-12			100.00		4.64	4.64			4.97	4.97	4.06	4.06
Essential oil of black pepper	Havahart Critter Ridder	50932-10			0.48		40	0.19	33	0.16	109.429	0.53	133.5	0.64
Hydroproprene	Gentrol Point Source	2724-469			90.60				0.6	0.54	0.44	0.40	1.04	0.94
Hydramethylnon	Maxforce Complete	432-1255			1.00				46	0.46	0.7	0.01	130	1.30
Cedarwood Oil, Cinnamon Oil	Nature-cide Granular Turf & Pest Management	Exempt			2.36						1.5104	0.04		
Orthoboric acid	Niban FG Mother Earth Granules Niban granular	64405-2 499-515 64405-2	3813.7600		5.00	190.69	632.5	31.63	1214	60.70	27.93	1.40	836.5	41.83
Bacillus thuringiensis israelensis Strain 144	Summit Mosquito Bits	6218-73			2.87								1.3	0.04
Disodium octaborate tetrahydrate	Nibor-D	64405-8			98.00				0.07	0.07	221.48	217.05	15.295	14.99
Pyrethrins	Pyganic Dust	1021-1871			1.00								0.245	0.00
Spearmint Oil, Peppermint Oil, Rosemary Oil	Shake Away: Rodent Repellent	Exempt			2.50						9	0.23		
Diphacinone	Ditrac Tracking Powder	12455-56			0.20								0.42	0.000840
					<b>OZ of A.I</b>	<b>335.55</b>		<b>253.801968</b>		<b>303.666307</b>		<b>507.938351</b>		<b>510.580693</b>
					<b>LBs of A.I.</b>	<b>20.97</b>		<b>15.86</b>		<b>18.98</b>		<b>31.75</b>		<b>31.91</b>

Bad Actor Total

0.41

0.00

0.00

0.00

0.03