

# 2019 Annual Statewide Pesticide Use Report Indexed by Commodity COLUSA County

Text files of data are available at <<https://files.cdpr.ca.gov/pub/outgoing/pur/data/>>. Units: A = Acres, S = Square Feet, C = Cubic Feet, K =Thousand Cubic Feet, P = Pounds, T =Tons, U = Miscellaneous Unit, Apps = Number of agricultural applications, Area treated = cumulative area treated (For example, if a one-acre field was treated three times in a year, the cumulative acres treated would equal three acres), N/A = Not Available: many non-agricultural pesticide use reports are not legally required to report area treated or number of applications. N-outdoor = Outdoor nursery. N-grnhs = Greenhouse nursery. See Pesticide Use Annual Report Data Access, References, and Definitions Guide for more information.

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	39.89	12	512.0	A
Alfalfa	ammonium nitrate	3.69	11	487.0	A
Alfalfa	ammonium sulfate	276.93	41	2,042.8	A
Alfalfa	azoxystrobin	47.25	3	243.7	A
Alfalfa	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	67.15	1	79.0	A
Alfalfa	benzoic acid	1.47	6	258.0	A
Alfalfa	bromoxynil octanoate	98.48	4	214.0	A
Alfalfa	butyl alcohol	13.33	11	551.0	A
Alfalfa	castor oil ethoxylate	31.02	13	676.0	A
Alfalfa	chlorantraniliprole	106.02	48	2,469.5	A
Alfalfa	citric acid	24.74	30	1,555.8	A
Alfalfa	clethodim	276.6	28	1,759.28	A
Alfalfa	2,4-d, dimethylamine salt	175.87	3	155.0	A
Alfalfa	4-(2,4-db), dimethylamine salt	343.24	7	314.0	A
Alfalfa	diethylene glycol	1.11	1	47.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	diglycolamine salt of 3,6-dichloro-o-anisic acid	117.18	3	155.0	A
Alfalfa	dimethoate	68.56	9	1,171.0	A
Alfalfa	dimethyl alkyl tertiary amines	1.6	6	258.0	A
Alfalfa	dimethylpolysiloxane	0.39	16	821.4	A
Alfalfa	diuron	278.88	4	198.0	A
Alfalfa	emulsifiable methylated vegetable oil	45.11	1	25.0	A
Alfalfa	ethylene glycol	760.64	31	1,825.1	A
Alfalfa	fatty acids, methyl esters	696.16	8	549.3	A
Alfalfa	fatty acids, mixed	1.97	1	47.0	A
Alfalfa	flumioxazin	47.56	4	373.0	A
Alfalfa	glycerol	135.45	30	1,555.8	A
Alfalfa	glyphosate, potassium salt	3,610.61	33	1,950.5	A
Alfalfa	heptamethyltrisiloxane ethoxylated	22.71	14	674.78	A
Alfalfa	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	21.3	18	903.18	A
Alfalfa	hexazinone	499.99	10	616.4	A
Alfalfa	hydrotreated paraffinic solvent	187.42	3	195.0	A
Alfalfa	imazamox, ammonium salt	32.96	12	690.5	A
Alfalfa	imazethapyr, ammonium salt	60.48	6	615.0	A
Alfalfa	indoxacarb	317.27	77	3,966.0	A
Alfalfa	isopropyl alcohol	146.06	42	2,416.5	A
Alfalfa	lambda-cyhalothrin	72.87	38	2,740.0	A
Alfalfa	methoxyfenozide	35.26	4	235.0	A
Alfalfa	methylated soybean oil	806.34	63	2,972.3	A
Alfalfa	methyl silicone resins	1.43	5	54.0	A
Alfalfa	mineral oil	216.09	10	546.4	A
Alfalfa	4-nonylphenol, formaldehyde resin, propoxylated	33.87	14	559.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,824.82	118	6,302.12	A
Alfalfa	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	38.72	10	468.0	A
Alfalfa	paraquat dichloride	473.93	12	655.4	A
Alfalfa	pendimethalin	2,333.32	16	904.02	A
Alfalfa	petroleum oil, paraffin based	252.29	9	164.0	A
Alfalfa	phosphoric acid	53.56	37	1,923.8	A
Alfalfa	polyacrylamide polymer	13.61	30	1,555.8	A
Alfalfa	polyether modified polysiloxane	6.46	6	144.0	A
Alfalfa	polyethoxylated castor oil	2.15	6	144.0	A
Alfalfa	polyethylene glycol	39.12	10	548.8	A
Alfalfa	polyoxyethylene sorbitol, mixed ether ester	51.67	9	164.0	A
Alfalfa	polyoxyethylene soybean oil fatty acid ester	135.27	6	390.0	A
Alfalfa	pyrethrins	2.4	1	79.0	A
Alfalfa	saflufenacil	14.86	5	333.3	A
Alfalfa	sethoxydim	130.53	13	304.0	A
Alfalfa	silicone defoamer	1.38	29	1,580.52	A
Alfalfa	sodium hydroxide	74.22	30	1,555.8	A
Alfalfa	tall oil	38.65	9	585.0	A
Alfalfa	tall oil fatty acids	15.56	13	698.8	A
Alfalfa	alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.88	1	47.0	A
Alfalfa	vinyl polymer	17.32	16	1,982.0	A
Almond	abamectin	940.43	840	58,253.2	A
Almond	acequinocyl	7.74	5	344.01	A
Almond	alpha-alkylaryl-omega-hydroxypoly(oxyethylene)	51.65	1	31.0	A
Almond	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	8,163.25	1,236	64,660.78	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	89.5	13	509.06	A
Almond	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	70.96	8	493.8	A
Almond	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	106.26	6	552.0	A
Almond	alkyl (c8,c10) polyglucoside	32.19	2	144.0	A
Almond	aluminum phosphide	9.59	42	4,996.6	A
Almond	amino ethoxy vinyl glycine hydrochloride	6.22	3	92.12	A
Almond	ammonium nitrate	39.43	79	2,942.74	A
Almond	ammonium propionate	250.44	48	2,328.04	A
Almond	ammonium sulfate	3,594.2	311	15,769.48	A
Almond	aromatic 200	568.61	10	1,060.7	A
Almond	aureobasidium pullulans strain dsm 14940	2.1	2	12.0	A
Almond	aureobasidium pullulans strain dsm 14941	2.1	2	12.0	A
Almond	azoxystrobin	2,428.43	191	13,204.45	A
Almond	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	235.22	6	217.8	A
Almond	benzoic acid	9.77	44	1,720.47	A
Almond	bifenazate	9,038.41	237	16,009.33	A
Almond	bifenthrin	4,389.82	506	32,994.54	A
Almond	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	160.16	29	3,686.34	A
Almond	boscalid	1,644.86	70	7,572.07	A
Almond	buprofezin	120.18	2	67.0	A
Almond	butyl alcohol	2,225.23	413	21,118.23	A
Almond	calcium chloride	246.14	45	3,734.36	A
Almond	carbo methoxy ether cellulose, sodium salt	0.55	5	106.8	A
Almond	carfentrazone-ethyl	36.12	42	1,490.05	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	castor oil ethoxylate	99.98	9	323.0	A
Almond	chlorantraniliprole	1,999.22	327	23,318.98	A
Almond	chlorothalonil	68,097.9	576	31,507.16	A
Almond	citric acid	942.49	261	15,941.57	A
Almond	clethodim	376.82	51	2,407.04	A
Almond	clofentezine	103.1	33	522.91	A
Almond	copper hydroxide	240.76	8	189.5	A
Almond	copper octanoate	92.06	3	110.4	A
Almond	copper oxychloride	105.19	3	110.4	A
Almond	copper sulfate (basic)	1,248.52	4	338.0	A
Almond	copper sulfate (pentahydrate)	5,893.33	424	23,827.45	A
Almond	cyantraniliprole	1,704.33	271	16,206.66	A
Almond	cyflumetofen	1,412.59	70	7,933.67	A
Almond	cyprodinil	1,793.33	84	5,567.94	A
Almond	2,4-d, dimethylamine salt	1,373.83	34	961.62	A
Almond	decyl phenoxy benzene disulfonic acid, disodium salt	0.77	1	36.36	A
Almond	1,3-dichloropropene	4,281.97	1	12.9	A
Almond	diethylene glycol	226.84	49	1,764.71	A
Almond	difenoconazole	771.51	109	7,277.9	A
Almond	diflubenzuron	496.21	55	2,469.25	A
Almond	dimethyl alkyl tertiary amines	10.68	44	1,720.47	A
Almond	dimethylpolysiloxane	98.18	528	29,525.94	A
Almond	diphacinone	<0.01	2	573.99	A
Almond	emamectin benzoate	1.34	12	95.1	A
Almond	emulsifiable methylated vegetable oil	10,466.38	150	10,874.0	A
Almond	esfenvalerate	1,843.92	377	25,050.44	A
Almond	ethylene glycol	477.34	25	1,859.66	A
Almond	etoxazole	192.79	28	1,574.06	A
Almond	fatty acids, methyl esters	89.01	1	64.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	fatty acids, mixed	404.2	50	1,789.71	A
Almond	fatty acids, c16-18 and c18-unsaturated, branched and linear	3.25	3	280.0	A
Almond	fatty acids, c16-c18 and c18-unsaturated, methyl esters	188.91	14	2,472.0	A
Almond	fatty acids derived from tallow	42.5	6	552.0	A
Almond	fenazaquin	1,202.73	14	1,903.19	A
Almond	fenpropathrin	936.45	14	2,289.34	A
Almond	fenpyroximate	8.56	1	72.5	A
Almond	flumioxazin	142.4	9	399.06	A
Almond	fluopyram	5,138.96	895	56,875.39	A
Almond	fluxapyroxad	2,341.59	261	23,603.12	A
Almond	glufosinate-ammonium	8,524.72	155	8,613.22	A
Almond	glycerol	752.94	150	8,545.96	A
Almond	glyphosate, isopropylamine salt	8,680.58	82	4,295.09	A
Almond	glyphosate, potassium salt	83,362.63	718	42,545.87	A
Almond	heptamethyltrisiloxane ethoxylated	606.84	220	7,373.74	A
Almond	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	781.62	279	11,177.08	A
Almond	(z)-11-hexadecen-1-yl acetate	7.31	30	2,256.82	A
Almond	(z,z)-11,13-hexadecadienal	0.03	4	1,612.0	A
Almond	hexythiazox	1,396.09	175	10,381.26	A
Almond	hydrotreated paraffinic solvent	589.45	9	407.14	A
Almond	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	100.88	12	2,101.0	A
Almond	imidacloprid	11.87	1	155.0	A
Almond	indaziflam	642.36	288	11,415.29	A
Almond	iprodione	9.98	1	10.0	A
Almond	isopropyl alcohol	320.26	163	11,429.42	A
Almond	isopropylamine dodecylbenzene sulfonate	0.17	2	30.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	isoxaben	9.99	1	10.0	A
Almond	lambda-cyhalothrin	372.57	212	9,162.92	A
Almond	lecithin	2,542.18	104	7,325.67	A
Almond	mancozeb	56,374.01	162	16,694.09	A
Almond	mefenoxam	240.05	61	667.6	A
Almond	mesotrione	218.14	24	1,152.92	A
Almond	metaflumizone	11.07	143	11,718.54	A
Almond	metconazole	2,677.3	394	25,532.19	A
Almond	s-methoprene	4.51	2	600.8	A
Almond	methoxyfenozide	8,581.11	456	30,211.23	A
Almond	methylated soybean oil	18,234.62	801	32,477.25	A
Almond	methyl silicone resins	586.27	72	2,910.88	A
Almond	mineral oil	54,853.2	225	17,230.97	A
Almond	4-nonylphenol, formaldehyde resin, propoxylated	165.31	27	4,407.0	A
Almond	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	25,363.53	1,147	54,718.76	A
Almond	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	50.38	13	2,019.14	A
Almond	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	181.57	48	2,328.04	A
Almond	oleic acid	40.21	10	1,764.0	A
Almond	oleic acid, ethyl ester	3,271.46	104	5,470.5	A
Almond	oleic acid, methyl ester	417.65	13	509.06	A
Almond	oryzalin	2,261.14	18	744.39	A
Almond	oxyfluorfen	12,029.72	577	30,883.21	A
Almond	paraquat dichloride	19,553.87	344	15,242.41	A
Almond	pendimethalin	9,319.47	98	4,727.45	A
Almond	penoxsulam	129.22	207	7,438.68	A
Almond	penthiopyrad	784.21	23	3,020.45	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	petroleum distillates	278.15	1	156.0	A
Almond	petroleum oil, paraffin based	27.37	2	30.0	A
Almond	phosphoric acid	1,180.46	301	19,369.93	A
Almond	polyacrylamide, polyethylene glycol mixture	3.02	2	659.45	A
Almond	polyacrylamide polymer	65.51	147	8,265.96	A
Almond	polyacrylic polymer	6.02	15	1,423.21	A
Almond	polyalkene oxide modified heptamethyl trisiloxane	57.12	55	2,565.31	A
Almond	polyalkyleneoxide modified polydimethyl-siloxane	5,867.47	892	52,880.85	A
Almond	polybutenes	37.56	14	2,472.0	A
Almond	polyether modified polysiloxane	429.15	169	4,130.3	A
Almond	polyethoxylated castor oil	143.05	169	4,130.3	A
Almond	polyethylene glycol	195.46	91	4,715.41	A
Almond	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	1,844.36	54	5,729.4	A
Almond	polyethylene glycol stearate	817.87	104	5,470.5	A
Almond	polyoxin d, zinc salt	303.74	53	6,994.96	A
Almond	poly(oxyethylene) poly(oxypropylene) glycol monoallyl ether	25.44	10	612.0	A
Almond	polyoxyethylene sorbitan monooleate	0.67	2	30.0	A
Almond	polyoxyethylene sorbitan trioleate	4.43	2	30.0	A
Almond	polysorbate 65	309.14	104	12,109.13	A
Almond	potassium phosphite	164.47	2	109.45	A
Almond	propargite	644.4	1	358.0	A
Almond	propiconazole	6,152.23	338	29,544.58	A
Almond	propionic acid	4.78	1	25.0	A
Almond	propylene glycol	993.2	70	6,754.2	A
Almond	pyraclostrobin	3,177.07	331	31,175.19	A
Almond	pyraflufen-ethyl	1.55	13	302.69	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	pyrimethanil	5,797.86	375	23,143.69	A
Almond	pyriproxyfen	13.21	25	1,782.86	A
Almond	qst 713 strain of dried bacillus subtilis	268.24	17	995.47	A
Almond	quillaja	1.14	5	106.8	A
Almond	reynoutria sachalinensis	44.48	12	410.4	A
Almond	rimsulfuron	312.02	107	5,658.14	A
Almond	saflufenacil	647.59	334	15,171.5	A
Almond	sethoxydim	146.22	12	401.75	A
Almond	silicone	9.39	76	6,800.41	A
Almond	silicone defoamer	3.76	94	3,603.75	A
Almond	sodium diisooctylsulfosuccinate	1.63	3	280.0	A
Almond	sodium hydroxide	357.31	147	8,265.96	A
Almond	sodium polyacrylate	6.26	48	2,328.04	A
Almond	sodium xylene sulfonate	10.57	3	280.0	A
Almond	sorbitan trioleate	309.14	104	12,109.13	A
Almond	spinetoram	911.52	212	14,020.2	A
Almond	spinosad	11.21	39	300.5	A
Almond	spirodiclofen	1,566.48	36	3,154.22	A
Almond	spirotetramat	57.11	1	403.0	A
Almond	streptomyces lydicus wyec 108	0.06	10	406.8	A
Almond	strychnine	0.1	10	852.98	A
Almond	sulfur	13,820.48	30	992.1	A
Almond	tall oil	64.84	9	407.14	A
Almond	tall oil fatty acids	255.08	105	5,836.71	A
Almond	tebuconazole	3,436.11	424	32,004.27	A
Almond	z,e-9,12-tetradecadien-1-yl acetate	65.95	30	2,256.82	A
Almond	thiophanate-methyl	12,462.17	246	18,196.02	A
Almond	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	220.31	15	1,214.34	A
Almond	trifloxystrobin	3,174.24	608	35,031.22	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Almond	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	3,438.64	54	5,729.4	A
Almond	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1,815.0	139	8,556.32	A
Almond	urea dihydrogen sulfate	0.97	5	153.64	A
Almond	ziram	8,727.79	39	1,441.25	A
Apricot	chlorantraniliprole	0.19	1	2.5	A
Apricot	chlorothalonil	7.49	1	2.5	A
Apricot	lambda-cyhalothrin	0.1	1	2.5	A
Apricot	methyl silicone resins	0.51	1	2.5	A
Arugula	bensulide	6.86	1	2.3	A
Asparagus	flumioxazin	7.36	12	38.5	A
Asparagus	glyphosate, potassium salt	53.1	12	38.5	A
Asparagus	linuron	19.25	6	19.25	A
Asparagus	methylated soybean oil	11.26	12	38.5	A
Asparagus	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.02	12	38.5	A
Asparagus	polyether modified polysiloxane	1.76	12	38.5	A
Asparagus	polyethoxylated castor oil	0.59	12	38.5	A
Asparagus	sethoxydim	8.43	6	19.25	A
Asparagus	trifluralin	19.31	6	19.25	A
Barley	azoxystrobin	26.95	3	137.0	A
Barley	2,4-d, dimethylamine salt	108.03	2	128.0	A
Barley	flupyradifurone	21.44	3	137.0	A
Barley	pinoxaden	3.22	1	60.0	A
Barley	propiconazole	15.26	3	137.0	A
Bean, dried	abamectin	39.04	43	2,337.3	A
Bean, dried	acephate	261.9	9	280.0	A
Bean, dried	acetamiprid	13.84	2	161.13	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bean, dried	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	115.3	31	1,960.0	A
Bean, dried	alkyl (c8,c10) polyglucoside	46.18	10	353.0	A
Bean, dried	ammonium nitrate	17.29	9	302.0	A
Bean, dried	ammonium sulfate	184.01	17	713.0	A
Bean, dried	bentazon, sodium salt	106.46	4	97.0	A
Bean, dried	benzoic acid	0.74	2	130.0	A
Bean, dried	bifenazate	417.69	10	785.6	A
Bean, dried	bifenthrin	288.47	46	2,990.93	A
Bean, dried	butyl alcohol	4.54	1	55.0	A
Bean, dried	butyl lactate	37.85	6	462.0	A
Bean, dried	castor oil ethoxylate	1.35	1	22.0	A
Bean, dried	chlorantraniliprole	4.88	2	75.0	A
Bean, dried	citric acid	13.08	7	567.0	A
Bean, dried	clethodim	218.86	19	1,055.6	A
Bean, dried	beta-cyfluthrin	9.65	5	435.1	A
Bean, dried	dimethoate	204.67	24	1,137.0	A
Bean, dried	dimethyl alkyl tertiary amines	0.81	2	130.0	A
Bean, dried	dimethylpolysiloxane	0.1	6	202.0	A
Bean, dried	ethalfluralin	1,047.85	14	831.6	A
Bean, dried	fluazifop-p-butyl	46.46	3	185.0	A
Bean, dried	flumioxazin	1.85	1	29.0	A
Bean, dried	flupyradifurone	120.99	8	663.3	A
Bean, dried	glycerol	5.27	1	105.0	A
Bean, dried	glyphosate, potassium salt	385.16	3	237.0	A
Bean, dried	hexythiazox	13.89	2	137.0	A
Bean, dried	hydrotreated paraffinic solvent	191.12	3	150.0	A
Bean, dried	imidacloprid	230.92	40	2,631.4	A
Bean, dried	isopropyl alcohol	33.92	23	1,674.23	A
Bean, dried	lambda-cyhalothrin	34.51	20	1,192.9	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Bean, dried	methomyl	474.26	9	562.2	A
Bean, dried	methylated soybean oil	196.17	15	606.0	A
Bean, dried	methyl silicone resins	4.98	2	210.0	A
Bean, dried	metolachlor	186.56	1	113.0	A
Bean, dried	s-metolachlor	824.25	12	559.4	A
Bean, dried	mineral oil	165.21	10	353.0	A
Bean, dried	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	301.71	45	2,463.23	A
Bean, dried	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	15.27	3	150.0	A
Bean, dried	oleic acid, ethyl ester	9.66	1	63.0	A
Bean, dried	pendimethalin	511.82	11	516.4	A
Bean, dried	phosphoric acid	131.08	26	1,872.23	A
Bean, dried	polyacrylamide polymer	0.53	1	105.0	A
Bean, dried	polyalkene oxide modified heptamethyl trisiloxane	5.41	11	401.0	A
Bean, dried	polyalkyleneoxide modified polydimethyl-siloxane	18.81	9	434.4	A
Bean, dried	polyethylene glycol	14.02	8	258.0	A
Bean, dried	polyethylene glycol stearate	2.42	1	63.0	A
Bean, dried	polyoxyethylene polyol fatty acid esters	56.03	6	462.0	A
Bean, dried	polyoxyethylene soybean oil fatty acid ester	10.15	1	22.0	A
Bean, dried	sethoxydim	3.5	1	20.0	A
Bean, dried	sodium hydroxide	2.89	1	105.0	A
Bean, dried	spirotetramat	20.43	4	260.1	A
Bean, dried	tall oil	22.38	4	172.0	A
Bean, dried	tall oil fatty acids	14.02	8	258.0	A
Bean, dried	trifluralin	171.17	4	222.0	A
Beet	bifenthrin	1.71	2	17.0	A
Beet	ethofumesate	5.76	1	11.7	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Beet	flupyradifurone	14.71	4	94.0	A
Beet	fluxapyroxad	8.5	4	94.0	A
Beet	hydrogen peroxide	117.03	4	94.0	A
Beet	isopropyl alcohol	1.57	4	94.0	A
Beet	methomyl	169.2	8	188.0	A
Beet	s-metolachlor	11.13	1	11.7	A
Beet	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	8.22	4	94.0	A
Beet	peroxyacetic acid	8.64	4	94.0	A
Beet	phosphoric acid	5.87	4	94.0	A
Beet	polyalkyleneoxide modified polydimethyl-siloxane	3.2	6	111.0	A
Beet	pyraclostrobin	64.9	16	376.0	A
Beet	spirotetramat	19.25	8	188.0	A
Beet	trifluralin	6.06	1	12.0	A
Broccoli	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.26	1	10.0	A
Broccoli	penthiopyrad	2.6	1	10.0	A
Broccoli	polyethylene glycol	0.31	1	10.0	A
Broccoli	tall oil fatty acids	0.31	1	10.0	A
Broccoli	trifluralin	4.89	1	9.7	A
Cabbage	azoxystrobin	3.69	1	15.0	A
Cabbage	boscalid	11.82	2	30.0	A
Cabbage	esfenvalerate	0.67	1	15.0	A
Cabbage	fenamidone	9.74	3	45.0	A
Cabbage	fluopyram	1.46	1	15.0	A
Cabbage	methomyl	6.75	1	15.0	A
Cabbage	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	0.5	1	4.0	A
Cabbage	penthiopyrad	5.73	2	19.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cabbage	polyethylene glycol	0.13	1	4.0	A
Cabbage	tall oil fatty acids	0.13	1	4.0	A
Cabbage	trifloxystrobin	1.46	1	15.0	A
Cantaloupe	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.21	1	35.0	A
Cantaloupe	flupyradifurone	6.39	1	35.0	A
Cantaloupe	penthiopyrad	7.29	1	35.0	A
Carrot	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.77	6	51.0	A
Carrot	bifenthrin	8.76	7	66.0	A
Carrot	castor oil ethoxylate	0.23	1	5.5	A
Carrot	clethodim	0.67	1	5.5	A
Carrot	flonicamid	5.78	7	66.0	A
Carrot	flupyradifurone	4.0	3	25.5	A
Carrot	fluxapyroxad	2.29	3	25.5	A
Carrot	isopropyl alcohol	0.56	2	30.0	A
Carrot	methomyl	27.0	2	30.0	A
Carrot	methyl silicone resins	1.52	6	51.0	A
Carrot	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.96	2	30.0	A
Carrot	phosphoric acid	2.11	2	30.0	A
Carrot	polyalkyleneoxide modified polydimethyl-siloxane	0.75	3	25.5	A
Carrot	polyoxyethylene soybean oil fatty acid ester	1.72	1	5.5	A
Carrot	pyraclostrobin	22.69	15	127.5	A
Carrot	spirotetramat	2.02	3	25.5	A
Carrot	tall oil	0.23	1	5.5	A
Celery	abamectin	0.03	1	1.5	A
Celery	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.06	1	1.5	A
Celery	flonicamid	0.13	1	1.5	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Celery	fluxapyroxad	0.13	1	1.5	A
Celery	pyraclostrobin	0.73	3	4.5	A
Cherry	chlorantraniliprole	0.14	1	1.8	A
Cherry	chlorothalonil	5.39	1	1.8	A
Cherry	lambda-cyhalothrin	0.07	1	1.8	A
Cherry	methyl silicone resins	0.42	1	1.8	A
Collard	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.77	1	22.0	A
Collard	penthiopyrad	5.73	1	22.0	A
Collard	polyethylene glycol	0.69	1	22.0	A
Collard	tall oil fatty acids	0.69	1	22.0	A
Commodity fumigation	aluminum phosphide	491.7	2	70.0	A
Commodity fumigation	aluminum phosphide	86.35	2	300,000.0	C
Commodity fumigation	aluminum phosphide	537.93	N/A	N/A	N/A
Commodity fumigation	azoxystrobin	392.81	N/A	N/A	N/A
Commodity fumigation	bromadiolone	<0.01	N/A	N/A	N/A
Commodity fumigation	ddvp	2.41	N/A	N/A	N/A
Commodity fumigation	difethialone	<0.01	N/A	N/A	N/A
Commodity fumigation	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Commodity fumigation	esfenvalerate	10.35	N/A	N/A	N/A
Commodity fumigation	fludioxonil	361.56	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Commodity fumigation</b>	magnesium phosphide	31.63	N/A	N/A	N/A
<b>Commodity fumigation</b>	mefenoxam	968.89	N/A	N/A	N/A
<b>Commodity fumigation</b>	mefenoxam, other related	10.29	N/A	N/A	N/A
<b>Commodity fumigation</b>	methyl bromide	4.0	N/A	N/A	N/A
<b>Commodity fumigation</b>	oxathiapiprolin	32.08	N/A	N/A	N/A
<b>Commodity fumigation</b>	phosphine	19.0	N/A	N/A	N/A
<b>Commodity fumigation</b>	piperonyl butoxide	1.65	N/A	N/A	N/A
<b>Commodity fumigation</b>	piperonyl butoxide, other related	0.41	N/A	N/A	N/A
<b>Commodity fumigation</b>	pyrethrins	0.57	N/A	N/A	N/A
<b>Commodity fumigation</b>	thiamethoxam	8,559.22	N/A	N/A	N/A
<b>Commodity fumigation</b>	thiram	2,949.06	N/A	N/A	N/A
<b>Corn (forage - fodder)</b>	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.46	1	30.0	A
<b>Corn (forage - fodder)</b>	ammonium sulfate	199.12	24	1,957.7	A
<b>Corn (forage - fodder)</b>	bifenthrin	28.48	4	284.3	A
<b>Corn (forage - fodder)</b>	citric acid	26.55	24	1,957.7	A



<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Corn (forage - fodder)	dicamba, sodium salt	316.51	22	1,768.2	A
Corn (forage - fodder)	diflufenzopyr, sodium salt	123.01	22	1,768.2	A
Corn (forage - fodder)	dimethylpolysiloxane	0.04	2	110.0	A
Corn (forage - fodder)	emulsifiable methylated vegetable oil	20.03	3	180.3	A
Corn (forage - fodder)	etoxazole	158.94	17	1,272.1	A
Corn (forage - fodder)	glycerol	145.35	24	1,957.7	A
Corn (forage - fodder)	glyphosate, potassium salt	1,050.94	7	679.5	A
Corn (forage - fodder)	hexythiazox	36.46	4	239.0	A
Corn (forage - fodder)	isopropyl alcohol	0.87	2	110.0	A
Corn (forage - fodder)	lambda-cyhalothrin	1.91	2	85.0	A
Corn (forage - fodder)	methoxyfenozide	30.14	3	140.0	A
Corn (forage - fodder)	methylated soybean oil	658.87	34	2,539.4	A
Corn (forage - fodder)	s-metolachlor	2,645.86	18	1,388.5	A
Corn (forage - fodder)	mineral oil	2.27	1	30.0	A
Corn (forage - fodder)	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	649.68	38	2,754.4	A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Corn (forage - fodder)</b>	oxyfluorfen	5.18	1	82.5	A
<b>Corn (forage - fodder)</b>	phosphoric acid	45.13	24	1,957.7	A
<b>Corn (forage - fodder)</b>	polyacrylamide polymer	14.6	24	1,957.7	A
<b>Corn (forage - fodder)</b>	polyalkene oxide modified heptamethyl trisiloxane	1.12	2	110.0	A
<b>Corn (forage - fodder)</b>	polyalkyleneoxide modified polydimethyl-siloxane	7.84	2	147.0	A
<b>Corn (forage - fodder)</b>	polyether modified polysiloxane	84.24	15	1,093.0	A
<b>Corn (forage - fodder)</b>	polyethoxylated castor oil	27.74	12	912.7	A
<b>Corn (forage - fodder)</b>	polyethylene glycol	10.45	4	215.0	A
<b>Corn (forage - fodder)</b>	silicone defoamer	0.68	20	1,516.7	A
<b>Corn (forage - fodder)</b>	sodium hydroxide	79.65	24	1,957.7	A
<b>Corn (forage - fodder)</b>	spiromesifen	19.92	2	147.0	A
<b>Corn (forage - fodder)</b>	tall oil fatty acids	4.96	2	105.0	A
<b>Corn (forage - fodder)</b>	alpha-undecyl-omega-hydroxypoly(oxyethylene)	4.05	3	180.3	A
<b>Corn, human consumption</b>	acrylamide/sodium acrylate copolymer	1.45	2	104.0	A
<b>Corn, human consumption</b>	bifenthrin	22.59	3	217.0	A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Corn, human consumption</b>	dicamba, sodium salt	21.45	2	104.0	A
<b>Corn, human consumption</b>	diflufenzopyr, sodium salt	8.34	2	104.0	A
<b>Corn, human consumption</b>	dimethylpolysiloxane	0.05	2	125.0	A
<b>Corn, human consumption</b>	emulsifiable methylated vegetable oil	10.25	1	92.0	A
<b>Corn, human consumption</b>	etoxazole	20.43	3	217.0	A
<b>Corn, human consumption</b>	hexythiazox	31.55	3	251.62	A
<b>Corn, human consumption</b>	s-metolachlor	186.77	1	98.0	A
<b>Corn, human consumption</b>	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	31.7	3	251.62	A
<b>Corn, human consumption</b>	petroleum distillates, aliphatic	0.09	2	104.0	A
<b>Corn, human consumption</b>	petroleum naphthenic oils	1.02	2	104.0	A
<b>Corn, human consumption</b>	polyether modified polysiloxane	0.52	1	92.0	A
<b>Corn, human consumption</b>	polyethylene glycol	7.92	3	251.62	A
<b>Corn, human consumption</b>	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	3.16	2	125.0	A
<b>Corn, human consumption</b>	propylene glycol	1.61	2	125.0	A
<b>Corn, human consumption</b>	spiromesifen	15.17	1	98.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Corn, human consumption	tall oil fatty acids	7.92	3	251.62	A
Corn, human consumption	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	5.89	2	125.0	A
Corn, human consumption	alpha-undecyl-omega-hydroxypoly(oxyethylene)	2.07	1	92.0	A
Cotton	abamectin	7.97	9	477.78	A
Cotton	acephate	63.05	1	65.0	A
Cotton	acetamiprid	21.15	5	402.4	A
Cotton	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	41.52	10	623.9	A
Cotton	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	5.24	3	54.0	A
Cotton	ammonium nitrate	2.34	5	232.5	A
Cotton	ammonium sulfate	79.4	9	440.86	A
Cotton	benzoic acid	1.89	7	332.5	A
Cotton	bifenazate	99.84	2	159.9	A
Cotton	bifenthrin	136.1	19	1,627.3	A
Cotton	butyl alcohol	1.08	1	35.0	A
Cotton	butyl lactate	12.65	3	165.0	A
Cotton	citric acid	27.11	9	533.26	A
Cotton	clethodim	29.04	2	159.9	A
Cotton	cyclanilide	20.07	2	159.9	A
Cotton	beta-cyfluthrin	1.82	1	71.6	A
Cotton	dimethoate	96.82	3	242.2	A
Cotton	dimethyl alkyl tertiary amines	2.06	7	332.5	A
Cotton	dimethylpolysiloxane	0.01	1	35.0	A
Cotton	diuron	10.54	4	259.9	A
Cotton	ethephon	819.55	6	420.1	A
Cotton	ethylene glycol	38.7	2	159.9	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cotton	etoxazole	6.4	1	142.2	A
Cotton	fatty acids derived from tallow	2.09	3	54.0	A
Cotton	flupyradifurone	42.24	3	231.5	A
Cotton	glufosinate-ammonium	97.56	5	164.48	A
Cotton	glycerol	15.68	4	208.36	A
Cotton	glyphosate, potassium salt	530.98	7	340.86	A
Cotton	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	1.66	1	142.2	A
Cotton	imidacloprid	19.94	7	363.48	A
Cotton	isopropyl alcohol	10.9	5	391.4	A
Cotton	lambda-cyhalothrin	4.44	3	135.0	A
Cotton	mepiquat chloride	40.57	16	1,207.3	A
Cotton	methomyl	71.95	2	159.9	A
Cotton	methylated soybean oil	167.56	18	807.72	A
Cotton	methyl silicone resins	12.65	2	159.9	A
Cotton	naled	357.96	2	284.4	A
Cotton	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	431.76	24	1,524.42	A
Cotton	oleic acid, ethyl ester	15.3	2	100.0	A
Cotton	phosphoric acid	19.34	7	439.86	A
Cotton	polyacrylamide polymer	1.58	4	208.36	A
Cotton	polyether modified polysiloxane	4.38	2	31.98	A
Cotton	polyethoxylated castor oil	1.46	2	31.98	A
Cotton	polyethylene glycol	16.37	4	568.8	A
Cotton	polyethylene glycol stearate	3.83	2	100.0	A
Cotton	polyoxyethylene polyol fatty acid esters	18.73	3	165.0	A
Cotton	potassium hydroxide	0.81	2	159.9	A
Cotton	potassium nitrate	7.67	2	159.9	A
Cotton	pyraflufen-ethyl	0.53	2	159.9	A
Cotton	silicone defoamer	0.37	8	408.24	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cotton	sodium hydroxide	8.59	4	208.36	A
Cotton	spinetoram	2.5	2	39.98	A
Cotton	tall oil fatty acids	16.2	4	568.8	A
Cotton	thidiazuron	21.08	4	259.9	A
Cucumber	abamectin	20.06	44	1,157.57	A
Cucumber	acetamiprid	103.34	47	1,132.78	A
Cucumber	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	158.16	96	2,779.33	A
Cucumber	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	14.01	10	181.0	A
Cucumber	ametoctradin	515.51	71	1,894.37	A
Cucumber	amino ethoxy vinyl glycine hydrochloride	12.31	31	221.86	A
Cucumber	ammonium sulfate	2.06	1	30.0	A
Cucumber	bifenazate	42.19	9	84.5	A
Cucumber	bifenthrin	141.17	58	1,417.21	A
Cucumber	boscalid	14.57	1	50.0	A
Cucumber	burkholderia sp strain a396 cells and fermentation media	207.9	2	32.06	A
Cucumber	calcium chloride	1.34	1	64.0	A
Cucumber	castor oil ethoxylate	0.28	3	9.0	A
Cucumber	chlorothalonil	6,662.06	121	3,361.92	A
Cucumber	citric acid	4.01	2	94.0	A
Cucumber	clethodim	42.5	12	368.13	A
Cucumber	cyazofamid	88.03	43	1,251.92	A
Cucumber	cyflufenamid	0.69	3	26.0	A
Cucumber	cymoxanil	221.92	59	1,723.14	A
Cucumber	dimethomorph	407.28	76	1,996.87	A
Cucumber	esfenvalerate	0.6	1	12.0	A
Cucumber	ethephon	69.68	53	855.85	A
Cucumber	etoxazole	25.48	5	196.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cucumber	famoxadone	221.92	59	1,723.14	A
Cucumber	fatty acids derived from tallow	5.61	10	181.0	A
Cucumber	fenpyroximate	5.5	3	51.5	A
Cucumber	flonicamid	8.26	5	106.5	A
Cucumber	fluopyram	1.94	1	24.91	A
Cucumber	flupyradifurone	110.52	25	614.66	A
Cucumber	glycerol	1.51	1	30.0	A
Cucumber	glyphosate, potassium salt	84.99	2	49.0	A
Cucumber	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	1.13	3	108.5	A
Cucumber	hydrogen peroxide	250.46	10	335.31	A
Cucumber	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	6.03	1	10.0	A
Cucumber	imidacloprid	19.93	3	54.0	A
Cucumber	isopropyl alcohol	9.74	19	348.44	A
Cucumber	mancozeb	5,519.7	112	2,980.25	A
Cucumber	mandipropamid	139.31	35	1,120.96	A
Cucumber	mefenoxam	16.82	7	161.46	A
Cucumber	methomyl	246.0	14	273.34	A
Cucumber	methyated soybean oil	1.44	1	19.0	A
Cucumber	methyl silicone resins	28.59	42	1,032.5	A
Cucumber	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	71.35	33	656.94	A
Cucumber	oleic acid, ethyl ester	4.91	2	32.0	A
Cucumber	oxathiapiprolin	16.71	35	1,120.96	A
Cucumber	peroxyacetic acid	18.48	10	335.31	A
Cucumber	phosphoric acid	37.0	20	378.44	A
Cucumber	polyacrylamide polymer	0.15	1	30.0	A
Cucumber	polyalkene oxide modified heptamethyl trisiloxane	0.07	1	19.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Cucumber	polyalkyleneoxide modified polydimethyl-siloxane	85.97	84	2,152.05	A
Cucumber	polyethylene glycol	1.61	3	108.5	A
Cucumber	polyethylene glycol stearate	1.23	2	32.0	A
Cucumber	polyoxyethylene soybean oil fatty acid ester	2.1	3	9.0	A
Cucumber	propamocarb hydrochloride	496.8	42	831.6	A
Cucumber	pyraclostrobin	7.4	1	50.0	A
Cucumber	qst 713 strain of dried bacillus subtilis	0.57	1	10.0	A
Cucumber	sodium hydroxide	0.83	1	30.0	A
Cucumber	spinetoram	0.08	1	2.0	A
Cucumber	spiromesifen	15.76	7	132.5	A
Cucumber	tall oil	0.28	3	9.0	A
Cucumber	tall oil fatty acids	1.5	3	108.5	A
Cucumber	tebuconazole	1.94	1	24.91	A
Cucumber	thiamethoxam	3.69	3	43.6	A
Cucumber	trifluralin	17.06	2	25.56	A
Cucumber	zoxamide	134.02	23	816.81	A
Ditch bank	sodium hypochlorite	30,709.86	N/A	104.0	U
Fumigation, other	aluminum phosphide	425.31	N/A	N/A	N/A
Fumigation, other	bromadiolone	<0.01	N/A	N/A	N/A
Fumigation, other	ddvp	4.68	N/A	N/A	N/A
Fumigation, other	difethialone	<0.01	N/A	N/A	N/A
Fumigation, other	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
Fumigation, other	esfenvalerate	0.1	N/A	N/A	N/A
Fumigation, other	magnesium phosphide	99.19	N/A	N/A	N/A
Fumigation, other	phosphine	10.14	N/A	N/A	N/A
Fumigation, other	piperonyl butoxide	7.14	N/A	N/A	N/A
Fumigation, other	piperonyl butoxide, other related	1.78	N/A	N/A	N/A
Fumigation, other	pyrethrins	1.78	N/A	N/A	N/A
Fumigation, other	sulfuryl fluoride	3,903.18	N/A	N/A	N/A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Garbanzo bean	azoxystrobin	24.39	1	96.0	A
Garbanzo bean	butyl alcohol	2.97	1	96.0	A
Garbanzo bean	dimethylpolysiloxane	0.03	1	96.0	A
Garbanzo bean	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	23.99	1	96.0	A
Garbanzo bean	pendimethalin	31.25	1	33.0	A
Grape, wine	abamectin	7.1	10	411.5	A
Grape, wine	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	25.81	4	242.5	A
Grape, wine	ammonium nitrate	1.15	1	47.5	A
Grape, wine	ammonium sulfate	105.99	8	714.1	A
Grape, wine	benzoic acid	1.03	4	181.0	A
Grape, wine	bifenazate	163.0	4	404.8	A
Grape, wine	bifenthrin	32.02	6	320.11	A
Grape, wine	calcium chloride	3.49	3	133.5	A
Grape, wine	carfentrazone-ethyl	11.44	12	1,576.12	A
Grape, wine	citric acid	16.4	10	800.1	A
Grape, wine	clothianidin	6.49	1	65.0	A
Grape, wine	copper hydroxide	226.46	9	1,099.79	A
Grape, wine	copper oxychloride	985.69	12	1,295.4	A
Grape, wine	copper sulfate (basic)	269.81	3	195.61	A
Grape, wine	cyprodinil	78.11	3	253.63	A
Grape, wine	difenoconazole	27.22	3	253.63	A
Grape, wine	dimethyl alkyl tertiary amines	1.12	4	181.0	A
Grape, wine	dinotefuran	26.33	1	200.62	A
Grape, wine	flazasulfuron	10.69	5	720.26	A
Grape, wine	fluopyram	86.82	9	909.58	A
Grape, wine	glufosinate-ammonium	304.3	7	355.57	A
Grape, wine	glycerol	22.21	4	129.1	A
Grape, wine	glyphosate, isopropylamine salt	1,344.44	14	1,558.68	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	heptamethyltrisiloxane ethoxylated	4.89	2	48.33	A
Grape, wine	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	4.07	2	48.33	A
Grape, wine	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	76.29	10	569.74	A
Grape, wine	imidacloprid	159.98	2	325.49	A
Grape, wine	indaziflam	10.43	6	195.38	A
Grape, wine	methoxyfenozide	137.96	7	784.63	A
Grape, wine	methylated soybean oil	152.98	8	299.33	A
Grape, wine	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	18.63	3	99.55	A
Grape, wine	oleic acid, ethyl ester	163.78	3	267.0	A
Grape, wine	oxyfluorfen	710.15	12	1,404.81	A
Grape, wine	paraquat dichloride	136.03	3	99.55	A
Grape, wine	pendimethalin	152.54	2	56.34	A
Grape, wine	phosphoric acid	21.46	7	666.6	A
Grape, wine	polyacrylamide polymer	2.23	4	129.1	A
Grape, wine	polyacrylic polymer	1.32	3	537.5	A
Grape, wine	polyalkyleneoxide modified polydimethyl-siloxane	25.41	6	329.0	A
Grape, wine	polyether modified polysiloxane	12.76	2	70.0	A
Grape, wine	polyethoxylated castor oil	4.25	2	70.0	A
Grape, wine	polyethylene glycol	2.8	1	29.55	A
Grape, wine	polyethylene glycol stearate	40.95	3	267.0	A
Grape, wine	pseudomonas fluorescens, strain a506	53.37	2	227.3	A
Grape, wine	pyraflufen-ethyl	1.46	7	955.6	A
Grape, wine	pyriofenone	96.43	7	986.76	A
Grape, wine	quinoxifen	35.53	3	492.96	A
Grape, wine	rimsulfuron	9.88	5	338.89	A
Grape, wine	sodium hydroxide	12.17	4	129.1	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Grape, wine	spinetoram	18.39	3	392.3	A
Grape, wine	spirodiclofen	32.91	1	108.24	A
Grape, wine	spirotetramat	11.49	2	91.33	A
Grape, wine	sulfur	52,437.83	59	6,153.8	A
Grape, wine	tall oil fatty acids	2.8	1	29.55	A
Grape, wine	tebuconazole	99.7	11	1,024.08	A
Grape, wine	tetraconazole	12.74	3	373.86	A
Industrial site	aminocyclopyrachlor, potassium salt	0.06	N/A	0.6	A
Industrial site	chlorsulfuron	0.03	N/A	0.6	A
Industrial site	beta-cyfluthrin	0.37	4	140.0	A
Industrial site	glufosinate-ammonium	0.34	N/A	0.6	A
Industrial site	indaziflam	0.06	N/A	0.6	A
Industrial site	lecithin	0.31	N/A	0.6	A
Industrial site	methylated soybean oil	0.16	N/A	0.6	A
Industrial site	rimsulfuron	0.01	N/A	0.6	A
Industrial site	alpha-undecyl-omega-hydroxypoly(oxyethylene)	0.16	N/A	0.6	A
Kohlrabi	flupyradifurone	1.57	1	10.0	A
Kohlrabi	polyalkyleneoxide modified polydimethyl-siloxane	0.25	1	10.0	A
Kohlrabi	pyraclostrobin	2.0	1	10.0	A
Kohlrabi	spirotetramat	0.79	1	10.0	A
Landscape maintenance	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.34	N/A	N/A	N/A
Landscape maintenance	alkyl (c8,c10) polyglucoside	3.05	N/A	N/A	N/A
Landscape maintenance	aminopyralid, triisopropanolamine salt	1.28	N/A	N/A	N/A
Landscape maintenance	ammonium nitrate	1.5	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	ammonium sulfate	3.99	N/A	N/A	N/A
Landscape maintenance	carfentrazone-ethyl	1.02	N/A	N/A	N/A
Landscape maintenance	chlorothalonil	53.87	N/A	N/A	N/A
Landscape maintenance	copper sulfate (basic)	9.43	N/A	N/A	N/A
Landscape maintenance	beta-cyfluthrin	0.06	N/A	N/A	N/A
Landscape maintenance	cypermethrin	0.31	N/A	N/A	N/A
Landscape maintenance	2,4-d, 2-ethylhexyl ester	15.83	N/A	N/A	N/A
Landscape maintenance	dicamba	1.01	N/A	N/A	N/A
Landscape maintenance	dicamba, dimethylamine salt	0.02	N/A	N/A	N/A
Landscape maintenance	diglycolamine salt of 3,6-dichloro-o-anisic acid	0.05	N/A	N/A	N/A
Landscape maintenance	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
Landscape maintenance	diphacinone	0.01	N/A	N/A	N/A
Landscape maintenance	diquat dibromide	0.14	N/A	N/A	N/A
Landscape maintenance	dithiopyr	4.88	N/A	N/A	N/A
Landscape maintenance	esfenvalerate	0.01	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	ethephon	5.02	N/A	N/A	N/A
Landscape maintenance	fluazifop-p-butyl	0.03	N/A	N/A	N/A
Landscape maintenance	glufosinate-ammonium	14.13	N/A	N/A	N/A
Landscape maintenance	glyphosate, isopropylamine salt	25.79	N/A	N/A	N/A
Landscape maintenance	glyphosate, monoammonium salt	2.02	N/A	N/A	N/A
Landscape maintenance	glyphosate, potassium salt	2,255.56	N/A	N/A	N/A
Landscape maintenance	hydrotreated paraffinic solvent	36.34	N/A	N/A	N/A
Landscape maintenance	imidacloprid	0.59	N/A	N/A	N/A
Landscape maintenance	indaziflam	0.11	N/A	N/A	N/A
Landscape maintenance	iprodione	22.76	N/A	N/A	N/A
Landscape maintenance	iron phosphate	<0.01	N/A	N/A	N/A
Landscape maintenance	isoxaben	0.16	N/A	N/A	N/A
Landscape maintenance	mancozeb	33.94	N/A	N/A	N/A
Landscape maintenance	mecoprop-p	4.01	N/A	N/A	N/A
Landscape maintenance	mineral oil	23.83	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
Landscape maintenance	msma	185.16	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	3.0	N/A	N/A	N/A
Landscape maintenance	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	0.3	N/A	N/A	N/A
Landscape maintenance	oxyfluorfen	52.83	N/A	N/A	N/A
Landscape maintenance	pendimethalin	0.19	N/A	N/A	N/A
Landscape maintenance	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	0.08	N/A	N/A	N/A
Landscape maintenance	potassium phosphite	7.75	N/A	N/A	N/A
Landscape maintenance	propylene glycol	0.04	N/A	N/A	N/A
Landscape maintenance	tall oil	3.75	N/A	N/A	N/A
Landscape maintenance	thiophanate-methyl	30.34	N/A	N/A	N/A
Landscape maintenance	triclopyr, triethylamine salt	9.37	N/A	N/A	N/A
Landscape maintenance	triethanolamine	0.08	N/A	N/A	N/A
Landscape maintenance	trifluralin	0.63	N/A	N/A	N/A
Landscape maintenance	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	0.14	N/A	N/A	N/A
Landscape maintenance	trinexapac-ethyl	4.18	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Landscape maintenance</b>	ziram	0.24	N/A	N/A	N/A
<b>Lettuce, leaf</b>	azoxystrobin	1.24	1	5.0	A
<b>Lettuce, leaf</b>	boscalid	3.93	2	10.0	A
<b>Lettuce, leaf</b>	fenamidone	2.97	3	14.2	A
<b>Lettuce, leaf</b>	fluopyram	0.63	1	5.0	A
<b>Lettuce, leaf</b>	methomyl	2.25	1	5.0	A
<b>Lettuce, leaf</b>	penthiopyrad	2.88	2	9.2	A
<b>Lettuce, leaf</b>	trifloxystrobin	0.63	1	5.0	A
<b>Melon</b>	abamectin	1.62	6	94.52	A
<b>Melon</b>	acetamiprid	9.54	7	96.52	A
<b>Melon</b>	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.95	6	94.52	A
<b>Melon</b>	bifenazate	2.52	1	5.0	A
<b>Melon</b>	bifenthrin	10.76	9	107.52	A
<b>Melon</b>	chlorothalonil	201.11	5	89.52	A
<b>Melon</b>	copper sulfate (pentahydrate)	0.41	1	1.08	A
<b>Melon</b>	cymoxanil	8.54	4	68.31	A
<b>Melon</b>	dimethoate	0.3	1	5.0	A
<b>Melon</b>	etoxazole	0.27	1	2.0	A
<b>Melon</b>	famoxadone	8.54	4	68.31	A
<b>Melon</b>	fenpyroximate	0.21	1	2.0	A
<b>Melon</b>	flonicamid	0.18	1	2.0	A
<b>Melon</b>	flupyradifurone	0.92	1	5.0	A
<b>Melon</b>	hydrogen peroxide	10.56	1	21.21	A
<b>Melon</b>	imidacloprid	1.84	1	5.0	A
<b>Melon</b>	isopropyl alcohol	0.24	3	13.0	A
<b>Melon</b>	mancozeb	2.43	1	1.08	A
<b>Melon</b>	methomyl	9.0	2	10.0	A
<b>Melon</b>	methylated soybean oil	1.52	1	5.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Melon	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.53	4	18.0	A
Melon	peroxyacetic acid	0.78	1	21.21	A
Melon	phosphoric acid	0.89	3	13.0	A
Melon	polyalkene oxide modified heptamethyl trisiloxane	0.08	1	5.0	A
Melon	polyalkyleneoxide modified polydimethyl-siloxane	0.17	1	5.0	A
Melon	propamocarb hydrochloride	12.68	1	21.21	A
Melon	pyraclostrobin	0.2	1	2.0	A
Mushroom	thiabendazole	379.95	7	62.02	A
Mustard	flupyradifurone	4.07	4	26.0	A
Mustard	polyalkyleneoxide modified polydimethyl-siloxane	0.75	4	26.0	A
Mustard	pyraclostrobin	5.2	4	26.0	A
Mustard	spirotetramat	2.06	4	26.0	A
Mustard	trifluralin	3.79	1	7.5	A
N-grnhs flower	chloropicrin	8,632.8	1	43.6	A
N-grnhs flower	1,3-dichloropropene	14,339.63	1	43.2	A
N-outdr transplants	ammonium sulfate	4.3	1	25.0	A
N-outdr transplants	citric acid	0.57	1	25.0	A
N-outdr transplants	glufosinate-ammonium	28.57	1	25.0	A
N-outdr transplants	glycerol	3.14	1	25.0	A
N-outdr transplants	oxyfluorfen	37.78	1	25.0	A
N-outdr transplants	pendimethalin	94.7	1	25.0	A
N-outdr transplants	phosphoric acid	0.98	1	25.0	A
N-outdr transplants	polyacrylamide polymer	0.32	1	25.0	A
N-outdr transplants	sodium hydroxide	1.72	1	25.0	A
Oat	ammonium sulfate	18.29	2	221.0	A
Oat	citric acid	2.44	2	221.0	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat	diglycolamine salt of 3,6-dichloro-o-anisic acid	26.68	1	141.0	A
Oat	glycerol	13.35	2	221.0	A
Oat	mcpa, dimethylamine salt	162.32	2	221.0	A
Oat	phosphoric acid	4.15	2	221.0	A
Oat	polyacrylamide polymer	1.34	2	221.0	A
Oat	sodium hydroxide	7.32	2	221.0	A
Oat	tribenuron-methyl	0.5	1	80.0	A
Oat (forage - fodder)	ammonium sulfate	20.66	12	300.28	A
Oat (forage - fodder)	bromoxynil octanoate	61.88	2	85.0	A
Oat (forage - fodder)	citric acid	2.75	12	300.28	A
Oat (forage - fodder)	2,4-d, dimethylamine salt	111.33	6	130.78	A
Oat (forage - fodder)	diglycolamine salt of 3,6-dichloro-o-anisic acid	13.07	3	69.5	A
Oat (forage - fodder)	glycerol	15.08	12	300.28	A
Oat (forage - fodder)	mcpa, dimethylamine salt	72.73	5	93.5	A
Oat (forage - fodder)	phosphoric acid	4.68	12	300.28	A
Oat (forage - fodder)	polyacrylamide polymer	1.51	12	300.28	A
Oat (forage - fodder)	pyraflufen-ethyl	0.28	2	85.0	A
Oat (forage - fodder)	sodium hydroxide	8.26	12	300.28	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Oat (forage - fodder)	tribenuron-methyl	0.17	2	27.0	A
Olive	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	24.52	3	85.0	A
Olive	alpha-pinene beta-pinene copolymer	11.64	1	20.0	A
Olive	ammonium sulfate	6.26	1	30.36	A
Olive	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.54	1	20.0	A
Olive	calcium hydroxide	3,042.0	3	169.5	A
Olive	capric acid	783.54	4	98.71	A
Olive	caprylic acid	1,150.83	4	98.71	A
Olive	carbaryl	36.1	N/A	9.0	A
Olive	citric acid	1.09	2	44.07	A
Olive	copper hydroxide	133.58	2	29.0	A
Olive	copper oxychloride	1,695.0	3	169.5	A
Olive	copper sulfate (basic)	305.73	3	65.0	A
Olive	copper sulfate (pentahydrate)	3,346.2	3	169.5	A
Olive	flumioxazin	8.42	1	22.0	A
Olive	glufosinate-ammonium	120.38	3	88.79	A
Olive	glycerol	4.57	1	30.36	A
Olive	glyphosate, isopropylamine salt	84.99	2	41.43	A
Olive	glyphosate, potassium salt	343.69	5	139.05	A
Olive	heptamethyltrisiloxane ethoxylated	7.18	3	79.8	A
Olive	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	5.98	3	79.8	A
Olive	indaziflam	2.41	2	57.8	A
Olive	methylated soybean oil	99.51	5	152.05	A
Olive	mineral oil	72.78	2	38.0	A
Olive	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	15.89	3	94.25	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Olive	oxyfluorfen	29.25	3	94.25	A
Olive	pendimethalin	357.01	3	79.8	A
Olive	penoxsulam	0.56	2	72.25	A
Olive	phosphoric acid	1.42	1	30.36	A
Olive	polyacrylamide polymer	0.46	1	30.36	A
Olive	polybutenes	2.87	1	20.0	A
Olive	polyether modified polysiloxane	8.23	2	72.25	A
Olive	polyethoxylated castor oil	2.74	2	72.25	A
Olive	polyethylene glycol	2.77	1	22.0	A
Olive	saflufenacil	0.39	1	9.0	A
Olive	sodium hydroxide	2.5	1	30.36	A
Olive	tall oil fatty acids	2.95	2	42.0	A
Onion, dry	abamectin	2.1	11	119.28	A
Onion, dry	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	8.54	16	212.92	A
Onion, dry	ametoctradin	72.83	21	272.48	A
Onion, dry	azoxystrobin	58.57	20	264.55	A
Onion, dry	boscalid	42.78	13	153.72	A
Onion, dry	chlorantraniliprole	2.67	4	57.8	A
Onion, dry	chlorothalonil	622.1	27	340.22	A
Onion, dry	clethodim	18.44	7	113.64	A
Onion, dry	copper sulfate (pentahydrate)	27.22	9	93.72	A
Onion, dry	cymoxanil	7.28	5	58.24	A
Onion, dry	diazinon	127.99	3	43.0	A
Onion, dry	dimethomorph	73.86	29	383.48	A
Onion, dry	famoxadone	7.28	5	58.24	A
Onion, dry	fluopyram	7.32	5	50.91	A
Onion, dry	hydrogen peroxide	323.74	26	300.44	A
Onion, dry	iprodione	67.64	8	99.0	A
Onion, dry	lambda-cyhalothrin	0.13	1	4.67	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Onion, dry	mancozeb	363.02	17	170.96	A
Onion, dry	mandipropamid	38.8	23	297.48	A
Onion, dry	mefenoxam	31.94	12	142.67	A
Onion, dry	methylated soybean oil	4.97	2	29.24	A
Onion, dry	methyl silicone resins	45.96	47	619.72	A
Onion, dry	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	40.8	7	64.24	A
Onion, dry	oxathiapiprolin	4.65	23	297.48	A
Onion, dry	oxyfluorfen	17.67	10	133.5	A
Onion, dry	pendimethalin	175.37	13	187.9	A
Onion, dry	penthiopyrad	4.1	1	15.0	A
Onion, dry	peroxyacetic acid	23.89	26	300.44	A
Onion, dry	polyalkyleneoxide modified polydimethyl-siloxane	8.61	14	146.2	A
Onion, dry	polyethylene glycol	3.33	5	35.0	A
Onion, dry	potassium silicate	11.42	1	15.0	A
Onion, dry	propiconazole	26.22	11	145.0	A
Onion, dry	pyraclostrobin	17.19	11	123.72	A
Onion, dry	silicone defoamer	0.03	2	29.24	A
Onion, dry	spinetoram	13.3	16	195.48	A
Onion, dry	tall oil fatty acids	3.33	5	35.0	A
Onion, dry	tebuconazole	7.32	5	50.91	A
Onion, dry	zoxamide	4.48	2	27.0	A
Pastureland	ammonium sulfate	6.02	2	45.0	A
Pastureland	bromoxynil octanoate	1.83	1	5.0	A
Pastureland	citric acid	0.8	2	45.0	A
Pastureland	2,4-d	1.74	1	4.0	A
Pastureland	2,4-d, dimethylamine salt	45.39	1	40.0	A
Pastureland	glycerol	4.4	2	45.0	A
Pastureland	glyphosate, potassium salt	3.48	1	40.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pastureland	phosphoric acid	1.37	2	45.0	A
Pastureland	polyacrylamide polymer	0.44	2	45.0	A
Pastureland	sodium hydroxide	2.41	2	45.0	A
Pastureland	tribenuron-methyl	0.08	1	5.0	A
Peach	acetamiprid	0.2	1	2.0	A
Peach	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	0.17	1	2.0	A
Peach	bifenazate	1.0	1	2.0	A
Peach	chlorantraniliprole	0.32	2	4.3	A
Peach	chlorothalonil	25.77	4	8.6	A
Peach	copper hydroxide	2.15	1	6.0	A
Peach	lambda-cyhalothrin	0.16	2	4.3	A
Peach	methyl silicone resins	1.86	4	8.6	A
Peach	petroleum oil, unclassified	3.52	1	6.0	A
Peach	propiconazole	0.68	2	6.0	A
Peas	trifluralin	6.06	1	12.0	A
Pecan	acetamiprid	6.45	1	43.0	A
Pecan	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	30.11	17	360.98	A
Pecan	ammonium nitrate	3.88	17	360.98	A
Pecan	ammonium sulfate	212.02	28	455.29	A
Pecan	benzoic acid	0.32	3	56.0	A
Pecan	bifenthrin	11.82	4	59.0	A
Pecan	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	0.39	1	18.47	A
Pecan	butyl alcohol	16.59	5	102.0	A
Pecan	carfentrazone-ethyl	2.7	3	92.15	A
Pecan	citric acid	0.96	8	73.79	A
Pecan	beta-cyfluthrin	7.27	4	328.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pecan	2,4-d, diethanolamine salt	34.02	3	56.0	A
Pecan	2,4-d, dimethylamine salt	69.29	3	56.0	A
Pecan	decyl phenoxy benzene disulfonic acid, disodium salt	1.98	8	73.79	A
Pecan	dimethoate	2.29	4	59.0	A
Pecan	dimethyl alkyl tertiary amines	0.35	3	56.0	A
Pecan	dimethylpolysiloxane	0.17	5	102.0	A
Pecan	flonicamid	7.6	1	90.0	A
Pecan	flupyradifurone	84.98	10	514.5	A
Pecan	glufosinate-ammonium	269.61	19	237.43	A
Pecan	glycerol	0.29	1	18.47	A
Pecan	glyphosate, potassium salt	1,315.96	29	470.36	A
Pecan	imidacloprid	21.14	9	395.0	A
Pecan	indaziflam	3.57	5	67.19	A
Pecan	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	0.27	1	18.47	A
Pecan	lambda-cyhalothrin	5.06	5	149.0	A
Pecan	methylated soybean oil	538.97	32	608.42	A
Pecan	methyl silicone resins	3.2	1	90.0	A
Pecan	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	218.8	34	654.42	A
Pecan	oleic acid, ethyl ester	528.74	18	901.5	A
Pecan	oxyfluorfen	145.33	9	161.3	A
Pecan	paraquat dichloride	164.74	4	117.65	A
Pecan	pendimethalin	231.89	2	61.27	A
Pecan	penoxsulam	0.2	1	25.5	A
Pecan	polyether modified polysiloxane	16.09	4	117.65	A
Pecan	polyethoxylated castor oil	5.36	4	117.65	A
Pecan	polyethylene glycol stearate	132.18	18	901.5	A
Pecan	pyraflufen-ethyl	0.38	5	78.92	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pecan	rimsulfuron	0.75	1	12.0	A
Pecan	sethoxydim	55.79	9	127.45	A
Pecan	spirotetramat	60.83	8	433.5	A
Pecan	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	0.29	1	18.47	A
Pecan	urea dihydrogen sulfate	0.87	1	18.47	A
Pistachio	acetamiprid	165.95	6	1,021.0	A
Pistachio	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	35.88	7	159.3	A
Pistachio	ammonium propionate	250.73	79	2,249.25	A
Pistachio	ammonium sulfate	62.68	79	2,249.25	A
Pistachio	azoxystrobin	169.72	10	1,127.4	A
Pistachio	calcium chloride	38.98	9	673.0	A
Pistachio	carfentrazone-ethyl	5.37	12	244.66	A
Pistachio	citric acid	233.63	88	2,922.25	A
Pistachio	beta-cyfluthrin	53.64	20	2,416.8	A
Pistachio	cyprodinil	103.22	4	367.0	A
Pistachio	2,4-d, dimethylamine salt	527.56	13	232.48	A
Pistachio	dimethylpolysiloxane	277.38	86	10,312.3	A
Pistachio	flumioxazin	266.78	18	784.41	A
Pistachio	fluopyram	132.64	8	1,154.9	A
Pistachio	fluxapyroxad	213.24	15	2,026.8	A
Pistachio	glufosinate-ammonium	636.91	18	541.71	A
Pistachio	glyphosate, isopropylamine salt	2,869.27	54	1,747.59	A
Pistachio	imidacloprid	107.28	20	2,416.8	A
Pistachio	lecithin	1,096.93	100	3,492.24	A
Pistachio	metconazole	134.11	6	1,072.9	A
Pistachio	methoxyfenozide	343.6	7	909.2	A
Pistachio	methylated soybean oil	530.52	93	3,332.94	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pistachio	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	181.78	79	2,249.25	A
Pistachio	oleic acid, methyl ester	167.44	7	159.3	A
Pistachio	oxyfluorfen	254.81	3	169.32	A
Pistachio	paraquat dichloride	650.64	26	502.66	A
Pistachio	pendimethalin	3,612.59	21	953.73	A
Pistachio	penthiopyrad	321.8	11	1,236.7	A
Pistachio	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	505.24	71	8,285.5	A
Pistachio	polyoxin d, zinc salt	88.75	15	2,026.8	A
Pistachio	propiconazole	306.09	14	1,343.9	A
Pistachio	propylene glycol	256.9	71	8,285.5	A
Pistachio	pyraclostrobin	213.24	15	2,026.8	A
Pistachio	pyraflufen-ethyl	1.5	13	281.52	A
Pistachio	pyrimethanil	9.6	7	25.0	A
Pistachio	saflufenacil	13.0	13	297.03	A
Pistachio	sodium polyacrylate	6.27	79	2,249.25	A
Pistachio	spinetoram	68.72	7	909.2	A
Pistachio	spirotetramat	105.42	7	871.9	A
Pistachio	trifloxystrobin	132.64	8	1,154.9	A
Pistachio	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	941.97	71	8,285.5	A
Pistachio	alpha-undecyl-omega-hydroxypoly(oxyethylene)	530.52	93	3,332.94	A
Prune	abamectin	4.94	5	225.0	A
Prune	ammonium sulfate	324.79	5	109.08	A
Prune	chlorothalonil	1,629.78	15	543.94	A
Prune	beta-cyfluthrin	2.34	1	105.94	A
Prune	cyprodinil	77.45	8	330.44	A
Prune	diethylene glycol	11.26	6	209.36	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Prune	dimethylpolysiloxane	0.44	7	256.44	A
Prune	esfenvalerate	5.4	3	106.0	A
Prune	fatty acids, mixed	8.31	4	99.56	A
Prune	fluazifop-p-butyl	11.83	1	47.08	A
Prune	flumioxazin	7.0	2	109.8	A
Prune	glufosinate-ammonium	192.64	6	161.64	A
Prune	glyphosate, potassium salt	718.61	5	218.96	A
Prune	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	22.48	2	112.0	A
Prune	imidacloprid	4.69	1	105.94	A
Prune	methylated soybean oil	111.4	4	70.0	A
Prune	mineral oil	839.71	2	68.0	A
Prune	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	124.9	11	326.44	A
Prune	oleic acid, ethyl ester	33.16	4	173.0	A
Prune	oxyfluorfen	179.96	10	273.88	A
Prune	paraquat dichloride	161.35	7	117.0	A
Prune	pendimethalin	444.51	6	179.8	A
Prune	polyethylene glycol	14.83	1	47.08	A
Prune	polyethylene glycol stearate	8.29	4	173.0	A
Prune	propiconazole	103.83	21	928.82	A
Prune	propylene glycol	6.59	2	109.8	A
Prune	rimsulfuron	3.43	2	109.8	A
Prune	tall oil fatty acids	27.02	3	156.88	A
Prune	thiophanate-methyl	195.3	4	186.0	A
Prune	alpha-undecyl-omega-hydroxypoly(oxyethylene)	12.16	4	99.56	A
Public health	bacillus sphaericus 2362, serotype h5a5b, strain abts 1743 fermentation solids, spores and insecticidal toxins	None	N/A	N/A	N/A
Public health	deltamethrin	386.17	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Public health	malathion	205.77	N/A	N/A	N/A
Public health	naled	1,568.26	N/A	N/A	N/A
Public health	permethrin	707.11	N/A	N/A	N/A
Public health	phenothrin	24.25	N/A	N/A	N/A
Public health	piperonyl butoxide	1,526.76	N/A	N/A	N/A
Public health	piperonyl butoxide, other related	2.95	N/A	N/A	N/A
Public health	prallethrin	1.91	N/A	N/A	N/A
Pumpkin	abamectin	1.86	10	100.42	A
Pumpkin	acetamiprid	9.5	8	91.2	A
Pumpkin	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	12.42	15	200.38	A
Pumpkin	bifenazate	45.38	7	90.8	A
Pumpkin	bifenthrin	7.29	11	84.48	A
Pumpkin	butyl alcohol	0.19	1	9.0	A
Pumpkin	calcium chloride	0.62	3	27.0	A
Pumpkin	castor oil ethoxylate	0.08	1	2.0	A
Pumpkin	citric acid	1.72	3	27.0	A
Pumpkin	clethodim	4.45	3	36.68	A
Pumpkin	cyflufenamid	2.3	8	94.78	A
Pumpkin	dimethylpolysiloxane	<0.01	1	9.0	A
Pumpkin	esfenvalerate	1.33	3	27.0	A
Pumpkin	ethephon	17.9	9	79.0	A
Pumpkin	fluopyram	3.46	4	44.06	A
Pumpkin	flupyradifurone	16.57	7	90.8	A
Pumpkin	imidacloprid	9.03	3	24.5	A
Pumpkin	isopropyl alcohol	3.87	11	162.6	A
Pumpkin	methomyl	163.71	13	184.6	A
Pumpkin	methylated soybean oil	6.49	4	26.0	A
Pumpkin	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	23.01	16	197.6	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Pumpkin	penthiopyrad	0.63	1	3.0	A
Pumpkin	phosphoric acid	14.49	11	162.6	A
Pumpkin	polyalkene oxide modified heptamethyl trisiloxane	0.32	4	26.0	A
Pumpkin	polyalkyleneoxide modified polydimethyl-siloxane	0.5	2	4.4	A
Pumpkin	polyoxyethylene soybean oil fatty acid ester	0.61	1	2.0	A
Pumpkin	pyraclostrobin	14.85	5	74.24	A
Pumpkin	tall oil	0.08	1	2.0	A
Pumpkin	tebuconazole	2.69	2	34.56	A
Pumpkin	thiamethoxam	2.78	2	32.34	A
Pumpkin	trifloxystrobin	0.77	2	9.5	A
Pumpkin	trifluralin	51.15	2	68.0	A
Radish	bifenthrin	0.2	1	2.0	A
Radish	flupyradifurone	3.72	3	23.7	A
Radish	polyalkyleneoxide modified polydimethyl-siloxane	0.75	4	25.7	A
Radish	pyraclostrobin	4.74	3	23.7	A
Radish	spirotetramat	1.87	3	23.7	A
Radish	trifluralin	8.69	3	15.4	A
Rangeland	aminopyralid, triisopropanolamine salt	4.64	1	65.0	A
Rangeland	clopyralid, monoethanolamine salt	6.76	2	90.0	A
Regulatory pest control	d-trans allethrin	0.01	N/A	N/A	N/A
Regulatory pest control	aluminum phosphide	5.43	N/A	N/A	N/A
Regulatory pest control	bifenthrin	0.12	N/A	N/A	N/A
Regulatory pest control	bromadiolone	<0.01	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Regulatory pest control</b>	beta-cyfluthrin	0.33	N/A	N/A	N/A
<b>Regulatory pest control</b>	ddvp	61.33	N/A	N/A	N/A
<b>Regulatory pest control</b>	ddvp, other related	1.57	N/A	N/A	N/A
<b>Regulatory pest control</b>	difethialone	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	fipronil	<0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	glyphosate, potassium salt	1.38	N/A	N/A	N/A
<b>Regulatory pest control</b>	imidacloprid	0.71	N/A	N/A	N/A
<b>Regulatory pest control</b>	magnesium phosphide	96.34	N/A	N/A	N/A
<b>Regulatory pest control</b>	oxyfluorfen	0.25	N/A	N/A	N/A
<b>Regulatory pest control</b>	phenothrin	0.01	N/A	N/A	N/A
<b>Regulatory pest control</b>	phosphine	768.09	N/A	N/A	N/A
<b>Regulatory pest control</b>	piperonyl butoxide	17.15	N/A	N/A	N/A
<b>Regulatory pest control</b>	piperonyl butoxide, other related	4.29	N/A	N/A	N/A
<b>Regulatory pest control</b>	prallethrin	<0.01	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Regulatory pest control	pyrethrins	4.29	N/A	N/A	N/A
Research commodity	aluminum phosphide	1.14	N/A	N/A	N/A
Rice	acrylamide/sodium acrylate copolymer	4.75	4	139.2	A
Rice	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1,630.87	174	12,850.89	A
Rice	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	116.91	8	513.4	A
Rice	alpha-pinene beta-pinene copolymer	153.63	1	148.0	A
Rice	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	9.02	2	86.0	A
Rice	alkyl (c8,c10) polyglucoside	22.1	9	289.9	A
Rice	allyloxypolyethylene glycol acetate	18.63	32	1,995.4	A
Rice	aluminum phosphide	1,460.88	N/A	2,179,617.0	C
Rice	aluminum phosphide	4.13	N/A	555.0	T
Rice	ammonium nitrate	198.95	152	9,854.69	A
Rice	ammonium sulfate	5,668.38	480	34,761.78	A
Rice	azoxystrobin	13,578.74	1,003	76,485.79	A
Rice	bensulfuron methyl	31.76	17	580.4	A
Rice	benzobicyclon	6,982.28	460	30,708.58	A
Rice	benzoic acid	31.78	86	5,133.6	A
Rice	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	18.08	5	424.0	A
Rice	bispyribac-sodium	1,045.68	462	31,827.19	A
Rice	butyl alcohol	38.22	43	2,564.82	A
Rice	carfentrazone-ethyl	371.72	59	3,146.6	A
Rice	castor oil ethoxylate	49.71	6	210.0	A
Rice	citric acid	333.8	310	23,389.49	A
Rice	clomazone	6,857.12	211	15,068.35	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rice	clothianidin	25.28	17	336.9	A
Rice	copper sulfate (pentahydrate)	53,502.9	65	4,034.4	A
Rice	cyhalofop-butyl	1,155.63	50	3,319.7	A
Rice	(s)-cypermethrin	74.19	56	1,610.8	A
Rice	diethanolamine	4.03	6	210.0	A
Rice	diflubenzuron	132.46	29	1,046.0	A
Rice	dimethyl alkyl tertiary amines	34.7	86	5,133.6	A
Rice	dimethylpolysiloxane	26.49	105	7,795.32	A
Rice	ethylene glycol	670.45	48	2,943.97	A
Rice	fatty acids, methyl esters	24,591.88	251	20,457.71	A
Rice	fatty acids derived from tallow	3.61	2	86.0	A
Rice	glycerol	1,827.55	310	23,389.49	A
Rice	glyphosate, isopropylamine salt	704.43	6	602.0	A
Rice	glyphosate, potassium salt	685.35	3	348.0	A
Rice	halosulfuron-methyl	1,635.21	521	33,651.86	A
Rice	heptamethyltrisiloxane ethoxylated	241.71	110	10,478.66	A
Rice	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	215.32	129	11,476.61	A
Rice	hydrotreated paraffinic solvent	10,715.26	97	7,228.99	A
Rice	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	114.69	54	2,860.9	A
Rice	imazosulfuron	2,591.22	265	19,088.44	A
Rice	isopropyl alcohol	136.62	53	3,330.27	A
Rice	isopropylamine dodecylbenzene sulfonate	1.96	6	210.0	A
Rice	lambda-cyhalothrin	1,152.56	1,105	38,154.22	A
Rice	lecithin	373.59	27	2,322.44	A
Rice	magnesium phosphide	94.09	N/A	1,193,200.0	C
Rice	mcpa, dimethylamine salt	2.8	2	10.0	A
Rice	methoxyfenozide	369.75	24	2,116.6	A
Rice	methyl anthranilate	28.7	3	50.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rice	methylated soybean oil	31,588.71	1,055	74,776.36	A
Rice	methyl silicone resins	7.72	6	210.0	A
Rice	mineral oil	16,252.86	142	12,593.6	A
Rice	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	16,986.4	1,492	107,431.12	A
Rice	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	572.9	78	5,046.99	A
Rice	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	22.92	12	1,103.5	A
Rice	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene) sulfate, ammonium salt	0.89	1	134.0	A
Rice	oleic acid, ethyl ester	2,621.43	136	9,773.71	A
Rice	oleic acid, methyl ester	5,115.61	130	8,179.51	A
Rice	oxyfluorfen	29.96	4	421.0	A
Rice	pendimethalin	364.44	8	403.0	A
Rice	penoxsulam	474.6	166	13,424.39	A
Rice	petroleum distillates	3,610.84	35	2,246.5	A
Rice	petroleum distillates, aliphatic	0.29	4	139.2	A
Rice	petroleum distillates, aromatic	808.42	4	276.0	A
Rice	petroleum naphthenic oils	3.33	4	139.2	A
Rice	petroleum oil, paraffin based	1,759.89	13	972.0	A
Rice	phosphoric acid	863.84	420	33,357.34	A
Rice	polyacrylamide polymer	185.22	314	23,727.49	A
Rice	polyalkene oxide modified heptamethyl trisiloxane	122.47	51	3,076.6	A
Rice	polyalkyleneoxide modified polydimethyl-siloxane	13.62	3	372.7	A
Rice	polyether modified polysiloxane	3,076.33	621	43,450.87	A
Rice	polyethoxylated castor oil	1,025.44	621	43,450.87	A
Rice	polyethylene glycol	180.42	139	10,410.52	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rice	polyethylene glycol diacetate	1.69	32	1,995.4	A
Rice	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	154.94	15	1,457.6	A
Rice	polyethylene glycol stearate	655.36	136	9,773.71	A
Rice	polyoxyethylene polyoxypropylene	99.87	27	2,562.7	A
Rice	polyoxyethylene sorbitol, mixed ether ester	257.11	6	628.0	A
Rice	polyoxyethylene sorbitan mixed fatty acid esters	28.58	1	134.0	A
Rice	polyoxyethylene sorbitan monooleate	7.85	6	210.0	A
Rice	polyoxyethylene sorbitan trioleate	51.67	6	210.0	A
Rice	polysaccharide polymer	0.15	3	275.0	A
Rice	polysiloxane	27.54	6	210.0	A
Rice	propanil	468,989.79	1,188	85,964.05	A
Rice	propiconazole	2,084.44	125	11,689.63	A
Rice	propylene glycol	40.73	35	2,111.9	A
Rice	qst 713 strain of dried bacillus subtilis	0.57	1	51.0	A
Rice	reynoutria sachalinensis	291.88	64	4,400.92	A
Rice	silicone defoamer	10.94	113	7,931.63	A
Rice	sodium carbonate peroxyhydrate	23,460.43	13	1,212.8	A
Rice	sodium chlorate	516.77	2	104.0	A
Rice	sodium hydroxide	1,001.4	310	23,389.49	A
Rice	sorbitan fatty acid esters	6.25	1	134.0	A
Rice	tall oil	931.68	86	5,874.49	A
Rice	tall oil fatty acids	2,000.45	285	21,582.73	A
Rice	thiobencarb	245,734.09	958	71,805.09	A
Rice	triclopyr, triethylamine salt	16,266.62	1,161	85,174.56	A
Rice	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	26.87	6	210.0	A
Rice	triethanolamine	3.0	8	827.5	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rice	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	38.65	17	1,331.7	A
Rice	alpha-undecyl-omega-hydroxypoly(oxyethylene)	952.07	86	5,663.81	A
Rice	urea	68.18	6	210.0	A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	10.23	2	63.0	A
Rights of way	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	32.04	N/A	N/A	N/A
Rights of way	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	3.8	N/A	N/A	N/A
Rights of way	alpha-alkyl (c10-c14)-omega-hydroxypoly(oxyethylene)	38.07	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c16)-omega-hydroxypoly(oxyethylene)	4.73	N/A	N/A	N/A
Rights of way	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	2.38	N/A	N/A	N/A
Rights of way	alkyl (c9-c11) oligomeric d-glucopyranoside	7.7	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor	2.5	N/A	N/A	N/A
Rights of way	aminocyclopyrachlor, potassium salt	6.26	N/A	N/A	N/A
Rights of way	aminopyralid, triisopropanolamine salt	206.71	N/A	N/A	N/A
Rights of way	ammonium nitrate	0.16	1	43.0	A
Rights of way	ammonium nitrate	73.53	N/A	N/A	N/A
Rights of way	ammonium propionate	26.87	20	240.0	A
Rights of way	ammonium propionate	6.15	N/A	N/A	N/A
Rights of way	ammonium sulfate	552.68	32	593.0	A
Rights of way	ammonium sulfate	512.06	N/A	N/A	N/A
Rights of way	benzoic acid	1.62	N/A	N/A	N/A
Rights of way	bifenthrin	0.85	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	30.11	N/A	N/A	N/A
Rights of way	borax	1,657.45	N/A	N/A	N/A
Rights of way	bromacil	19.9	N/A	N/A	N/A
Rights of way	butyl alcohol	2.28	N/A	N/A	N/A
Rights of way	carfentrazone-ethyl	0.66	N/A	N/A	N/A
Rights of way	castor oil ethoxylate	17.66	14	431.0	A
Rights of way	chlorsulfuron	4.13	N/A	N/A	N/A
Rights of way	citric acid	15.73	27	425.0	A
Rights of way	citric acid	41.77	N/A	N/A	N/A
Rights of way	clethodim	38.27	9	223.0	A
Rights of way	clethodim	240.71	N/A	N/A	N/A
Rights of way	clopyralid, monoethanolamine salt	2.8	N/A	N/A	N/A
Rights of way	copper hydroxide	118.12	N/A	N/A	N/A
Rights of way	copper sulfate (pentahydrate)	495.0	N/A	N/A	N/A
Rights of way	cyfluthrin	1.44	N/A	N/A	N/A
Rights of way	beta-cyfluthrin	1.44	N/A	N/A	N/A
Rights of way	2,4-d, dimethylamine salt	411.85	15	310.0	A
Rights of way	2,4-d, dimethylamine salt	176.77	N/A	N/A	N/A
Rights of way	4-(2,4-db), dimethylamine salt	4.68	1	10.0	A
Rights of way	diethylene glycol	3.85	N/A	N/A	N/A
Rights of way	dimethyl alkyl tertiary amines	1.77	N/A	N/A	N/A
Rights of way	dimethylpolysiloxane	0.15	N/A	N/A	N/A
Rights of way	diphacinone	0.22	N/A	N/A	N/A
Rights of way	disodium octaborate anhydrous	0.36	N/A	N/A	N/A
Rights of way	dithiopyr	14.49	N/A	N/A	N/A
Rights of way	diuron	280.28	7	80.0	A
Rights of way	diuron	823.47	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	alpha-(para-dodecylphenyl)-omega-hydroxypoly(oxyethylene)	0.02	N/A	N/A	N/A
Rights of way	emulsifiable methylated vegetable oil	36.09	1	20.0	A
Rights of way	emulsifiable methylated vegetable oil	117.28	N/A	N/A	N/A
Rights of way	endothall, dipotassium salt	2,428.29	N/A	N/A	N/A
Rights of way	endothall, mono [n,n-dimethyl alkylamine] salt	576.73	N/A	N/A	N/A
Rights of way	fatty acids, mixed	6.85	N/A	N/A	N/A
Rights of way	fatty acids, c16-18 and c18-unsaturated, branched and linear	1.64	N/A	N/A	N/A
Rights of way	fatty acids derived from tallow	0.96	N/A	N/A	N/A
Rights of way	fluazifop-p-butyl	54.59	N/A	N/A	N/A
Rights of way	flumioxazin	5.74	6	60.0	A
Rights of way	flumioxazin	0.77	N/A	N/A	N/A
Rights of way	glufosinate-ammonium	105.24	8	90.0	A
Rights of way	glufosinate-ammonium	2,564.05	N/A	N/A	N/A
Rights of way	glycerol	12.55	7	185.0	A
Rights of way	glycerol	65.83	N/A	N/A	N/A
Rights of way	glyphosate, dimethylamine salt	3,933.03	N/A	N/A	N/A
Rights of way	glyphosate, isopropylamine salt	740.96	27	349.0	A
Rights of way	glyphosate, isopropylamine salt	13,465.04	N/A	N/A	N/A
Rights of way	glyphosate, monoammonium salt	18.03	N/A	N/A	N/A
Rights of way	glyphosate, potassium salt	1,669.56	31	743.5	A
Rights of way	glyphosate, potassium salt	6,867.83	N/A	N/A	N/A
Rights of way	heptamethyltrisiloxane ethoxylated	15.3	N/A	N/A	N/A
Rights of way	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	3.6	1	20.0	A
Rights of way	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	13.65	N/A	N/A	N/A
Rights of way	imazapyr, isopropylamine salt	10.1	N/A	N/A	N/A
Rights of way	indaziflam	1.95	1	30.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	indaziflam	58.86	N/A	N/A	N/A
Rights of way	isopropylamine dodecylbenzene sulfonate	0.38	N/A	N/A	N/A
Rights of way	lecithin	87.28	32	354.0	A
Rights of way	lecithin	567.52	N/A	N/A	N/A
Rights of way	metam-sodium	489.43	N/A	N/A	N/A
Rights of way	methylated soybean oil	207.34	41	622.0	A
Rights of way	methylated soybean oil	777.69	N/A	N/A	N/A
Rights of way	mineral oil	54.37	3	90.0	A
Rights of way	mineral oil	2,815.71	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	60.85	10	283.0	A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	454.79	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	15.74	N/A	N/A	N/A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	19.48	20	240.0	A
Rights of way	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	34.57	N/A	N/A	N/A
Rights of way	oleic acid, methyl ester	110.6	N/A	N/A	N/A
Rights of way	organo/modified polysiloxane	0.2	N/A	N/A	N/A
Rights of way	oxyfluorfen	89.02	24	671.0	A
Rights of way	oxyfluorfen	3,006.57	N/A	N/A	N/A
Rights of way	paclobutrazol	53.81	N/A	N/A	N/A
Rights of way	paraquat dichloride	154.65	9	139.0	A
Rights of way	pendimethalin	629.37	N/A	N/A	N/A
Rights of way	penoxsulam	3.42	N/A	N/A	N/A
Rights of way	petroleum distillates, aromatic	2,100.15	N/A	N/A	N/A
Rights of way	petroleum oil, paraffin based	61.2	N/A	N/A	N/A
Rights of way	phosphoric acid	3.9	7	185.0	A
Rights of way	phosphoric acid	153.59	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	polyacrylamide, polyethylene glycol mixture	0.12	N/A	N/A	N/A
Rights of way	polyacrylamide polymer	1.26	7	185.0	A
Rights of way	polyacrylamide polymer	1.5	N/A	N/A	N/A
Rights of way	polyacrylic polymer	13.48	N/A	N/A	N/A
Rights of way	polyalkene oxide modified heptamethyl trisiloxane	0.19	1	20.0	A
Rights of way	polyalkene oxide modified heptamethyl trisiloxane	0.02	N/A	N/A	N/A
Rights of way	polyether modified polysiloxane	4.56	2	50.0	A
Rights of way	polyethoxylated castor oil	1.52	2	50.0	A
Rights of way	polyethylene glycol	2.83	1	15.0	A
Rights of way	polyethylene glycol	3.94	N/A	N/A	N/A
Rights of way	polymerized pinene	0.31	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan monooleate	1.5	N/A	N/A	N/A
Rights of way	polyoxyethylene sorbitan trioleate	9.9	N/A	N/A	N/A
Rights of way	polyoxyethylene soybean oil fatty acid ester	132.44	14	431.0	A
Rights of way	polysorbate 65	245.2	N/A	N/A	N/A
Rights of way	prodiamine	139.92	N/A	N/A	N/A
Rights of way	pyraflufen-ethyl	0.74	12	139.0	A
Rights of way	rimsulfuron	0.16	1	10.0	A
Rights of way	rimsulfuron	0.03	N/A	N/A	N/A
Rights of way	saflufenacil	0.88	N/A	N/A	N/A
Rights of way	sethoxydim	2.1	N/A	N/A	N/A
Rights of way	silicone defoamer	0.03	2	60.0	A
Rights of way	simazine	40.05	1	20.0	A
Rights of way	sodium diisooctylsulfosuccinate	0.82	N/A	N/A	N/A
Rights of way	sodium hydroxide	6.88	7	185.0	A
Rights of way	sodium hydroxide	8.16	N/A	N/A	N/A
Rights of way	sodium polyacrylate	0.67	20	240.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Rights of way	sodium polyacrylate	0.15	N/A	N/A	N/A
Rights of way	sodium xylene sulfonate	5.34	N/A	N/A	N/A
Rights of way	sorbitan trioleate	245.2	N/A	N/A	N/A
Rights of way	sulfentrazone	0.01	N/A	N/A	N/A
Rights of way	sulfometuron-methyl	3.07	N/A	N/A	N/A
Rights of way	tall oil	17.66	14	431.0	A
Rights of way	tall oil fatty acids	3.58	2	35.0	A
Rights of way	tall oil fatty acids	169.47	N/A	N/A	N/A
Rights of way	tebuthiuron	26.4	N/A	N/A	N/A
Rights of way	triclopyr, butoxyethyl ester	29.61	N/A	N/A	N/A
Rights of way	triclopyr choline	0.23	N/A	N/A	N/A
Rights of way	triclopyr, triethylamine salt	21.27	1	20.0	A
Rights of way	triclopyr, triethylamine salt	2,824.03	N/A	N/A	N/A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	43.64	32	354.0	A
Rights of way	alpha-undecyl-omega-hydroxypoly(oxyethylene)	331.31	N/A	N/A	N/A
Rights of way	urea	54.88	N/A	N/A	N/A
Ryegrass	ammonium sulfate	43.11	11	516.2	A
Ryegrass	citric acid	5.75	11	516.2	A
Ryegrass	2,4-d, dimethylamine salt	273.49	4	241.2	A
Ryegrass	diglycolamine salt of 3,6-dichloro-o-anisic acid	87.6	8	464.2	A
Ryegrass	glycerol	31.47	11	516.2	A
Ryegrass	mcpa, dimethylamine salt	249.89	8	295.0	A
Ryegrass	phosphoric acid	9.77	11	516.2	A
Ryegrass	polyacrylamide polymer	3.16	11	516.2	A
Ryegrass	sodium hydroxide	17.25	11	516.2	A
Safflower	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.95	1	70.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Safflower	ammonium nitrate	0.51	1	70.0	A
Safflower	ammonium sulfate	12.6	1	70.0	A
Safflower	benzoic acid	0.4	1	70.0	A
Safflower	dimethyl alkyl tertiary amines	0.43	1	70.0	A
Safflower	glyphosate, potassium salt	144.81	1	70.0	A
Safflower	methylated soybean oil	126.62	2	140.0	A
Safflower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	19.81	1	70.0	A
Safflower	trifluralin	120.56	1	110.0	A
Soil fumigation/preplant	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	10.83	1	36.0	A
Soil fumigation/preplant	alkyl (c8,c10) polyglucoside	214.59	3	201.0	A
Soil fumigation/preplant	ammonium nitrate	102.18	3	201.0	A
Soil fumigation/preplant	ammonium sulfate	220.62	6	337.0	A
Soil fumigation/preplant	castor oil ethoxylate	2.57	2	100.0	A
Soil fumigation/preplant	citric acid	2.17	3	136.0	A
Soil fumigation/preplant	clethodim	2.42	1	20.0	A
Soil fumigation/preplant	diglycolamine salt of 3,6-dichloro-o-anisic acid	151.97	3	201.0	A
Soil fumigation/preplant	dimethylpolysiloxane	0.2	3	201.0	A
Soil fumigation/preplant	emulsifiable methylated vegetable oil	43.3	1	36.0	A
Soil fumigation/preplant	flumioxazin	6.12	1	96.0	A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Soil fumigation/preplant</b>	glycerol	11.87	3	136.0	A
<b>Soil fumigation/preplant</b>	glyphosate, isopropylamine salt	301.16	3	201.0	A
<b>Soil fumigation/preplant</b>	glyphosate, potassium salt	269.11	3	136.0	A
<b>Soil fumigation/preplant</b>	isopropylamine dodecylbenzene sulfonate	0.41	2	111.0	A
<b>Soil fumigation/preplant</b>	mineral oil	303.54	3	201.0	A
<b>Soil fumigation/preplant</b>	oxyfluorfen	151.24	3	201.0	A
<b>Soil fumigation/preplant</b>	pendimethalin	136.36	1	96.0	A
<b>Soil fumigation/preplant</b>	petroleum oil, paraffin based	67.51	2	111.0	A
<b>Soil fumigation/preplant</b>	phosphoric acid	3.68	3	136.0	A
<b>Soil fumigation/preplant</b>	polyacrylamide polymer	1.19	3	136.0	A
<b>Soil fumigation/preplant</b>	polyoxyethylene sorbitan monooleate	1.66	2	111.0	A
<b>Soil fumigation/preplant</b>	polyoxyethylene sorbitan trioleate	10.92	2	111.0	A
<b>Soil fumigation/preplant</b>	polyoxyethylene soybean oil fatty acid ester	19.25	2	100.0	A
<b>Soil fumigation/preplant</b>	saflufenacil	1.11	1	36.0	A
<b>Soil fumigation/preplant</b>	sodium hydroxide	6.5	3	136.0	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Soil fumigation/preplant	tall oil	2.57	2	100.0	A
Squash	abamectin	12.63	42	728.94	A
Squash	acetamiprid	79.15	45	807.29	A
Squash	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	51.77	53	1,146.44	A
Squash	ametoctradin	1.09	1	4.0	A
Squash	azoxystrobin	8.07	4	33.0	A
Squash	bifenazate	121.37	13	242.95	A
Squash	bifenthrin	71.88	47	720.35	A
Squash	butyl alcohol	0.98	3	27.5	A
Squash	calcium chloride	0.1	1	7.5	A
Squash	castor oil ethoxylate	0.47	1	9.3	A
Squash	chlorantraniliprole	1.06	1	23.0	A
Squash	chlorothalonil	357.62	9	164.35	A
Squash	citric acid	0.27	1	7.5	A
Squash	clethodim	1.11	1	9.3	A
Squash	cyazofamid	0.7	1	10.0	A
Squash	cyflufenamid	12.46	30	537.21	A
Squash	cymoxanil	0.75	1	8.0	A
Squash	dimethomorph	0.82	1	4.0	A
Squash	dimethylpolysiloxane	0.01	3	27.5	A
Squash	esfenvalerate	0.73	2	14.5	A
Squash	ethephon	224.7	126	1,588.61	A
Squash	etoxazole	15.4	4	119.0	A
Squash	famoxadone	0.75	1	8.0	A
Squash	flonicamid	12.07	7	146.0	A
Squash	fluopyram	9.43	6	121.53	A
Squash	flupyradifurone	106.05	28	589.08	A
Squash	flutriafol	3.64	2	32.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Squash	hydrogen peroxide	65.44	1	87.61	A
Squash	imidacloprid	20.28	4	55.0	A
Squash	isopropyl alcohol	11.92	26	559.29	A
Squash	kaolin	628.14	1	11.02	A
Squash	lambda-cyhalothrin	0.48	1	18.0	A
Squash	mancozeb	12.0	1	8.0	A
Squash	mefenoxam	0.25	1	2.0	A
Squash	methomyl	505.66	27	561.84	A
Squash	methylated soybean oil	8.25	5	39.0	A
Squash	methyl silicone resins	5.06	7	152.0	A
Squash	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	81.51	36	645.79	A
Squash	oleic acid, ethyl ester	3.56	1	23.0	A
Squash	penthiopyrad	13.29	3	74.0	A
Squash	peroxyacetic acid	4.83	1	87.61	A
Squash	phosphoric acid	44.69	26	559.29	A
Squash	polyalkene oxide modified heptamethyl trisiloxane	0.41	5	39.0	A
Squash	polyalkyleneoxide modified polydimethyl-siloxane	1.83	6	28.62	A
Squash	polyethylene glycol	2.37	2	20.0	A
Squash	polyethylene glycol stearate	0.89	1	23.0	A
Squash	polyoxyethylene soybean oil fatty acid ester	3.5	1	9.3	A
Squash	propamocarb hydrochloride	3.67	1	7.0	A
Squash	pyraclostrobin	39.7	8	242.09	A
Squash	spinetoram	0.16	1	4.0	A
Squash	spiromesifen	7.54	5	65.0	A
Squash	sulfur	819.84	4	102.48	A
Squash	tall oil	0.47	1	9.3	A
Squash	tall oil fatty acids	2.37	2	20.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Squash	tebuconazole	8.87	5	114.53	A
Squash	thiamethoxam	2.07	2	26.77	A
Squash	trifloxystrobin	0.56	1	7.0	A
Squash	trifluralin	30.13	3	40.0	A
Squash, summer	abamectin	0.91	5	48.0	A
Squash, summer	acetamiprid	1.22	2	13.0	A
Squash, summer	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	1.1	4	41.0	A
Squash, summer	azoxystrobin	6.95	2	28.0	A
Squash, summer	bifenthrin	3.0	3	31.0	A
Squash, summer	butyl alcohol	0.23	1	11.0	A
Squash, summer	calcium chloride	0.23	1	11.0	A
Squash, summer	citric acid	0.64	1	11.0	A
Squash, summer	cyflufenamid	0.23	1	10.0	A
Squash, summer	dimethylpolysiloxane	<0.01	1	11.0	A
Squash, summer	esfenvalerate	0.54	1	11.0	A
Squash, summer	flonicamid	0.62	1	7.0	A
Squash, summer	methomyl	24.21	3	28.0	A
Squash, summer	methylated soybean oil	2.12	1	7.0	A
Squash, summer	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	2.23	2	18.0	A
Squash, summer	penthiopyrad	2.1	2	10.0	A
Squash, summer	polyalkene oxide modified heptamethyl trisiloxane	0.11	1	7.0	A
Storage area/box	aluminum phosphide	80.07	N/A	30,876.0	C
Storage area/box	magnesium phosphide	0.65	N/A	2,500.0	C
Structural pest control	abamectin	<0.01	N/A	N/A	N/A
Structural pest control	abamectin, other related	<0.01	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	acephate	0.62	N/A	N/A	N/A
<b>Structural pest control</b>	acetamiprid	0.03	N/A	N/A	N/A
<b>Structural pest control</b>	alkyl (50% <sup>c</sup> 14, 40% <sup>c</sup> 12, 10% <sup>c</sup> 16) dimethylbenzyl ammonium chloride	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	alkyl (c8,c10) polyglucoside	3.46	N/A	N/A	N/A
<b>Structural pest control</b>	d-trans allethrin	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	4-aminopyridine	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	ammonium nitrate	1.65	N/A	N/A	N/A
<b>Structural pest control</b>	ammonium sulfate	3.29	N/A	N/A	N/A
<b>Structural pest control</b>	bifenthrin	51.7	N/A	N/A	N/A
<b>Structural pest control</b>	boric acid	31.8	N/A	N/A	N/A
<b>Structural pest control</b>	brodifacoum	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	bromadiolone	0.06	N/A	N/A	N/A
<b>Structural pest control</b>	chlorfenapyr	1.46	N/A	N/A	N/A
<b>Structural pest control</b>	cholecalciferol	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	clothianidin	0.08	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	cyfluthrin	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	beta-cyfluthrin	0.69	N/A	N/A	N/A
<b>Structural pest control</b>	cypermethrin	5.21	N/A	N/A	N/A
<b>Structural pest control</b>	ddvp	6.99	N/A	N/A	N/A
<b>Structural pest control</b>	ddvp, other related	0.18	N/A	N/A	N/A
<b>Structural pest control</b>	deltamethrin	12.92	N/A	N/A	N/A
<b>Structural pest control</b>	diatomaceous earth	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	didecyl dimethyl ammonium chloride	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	difethialone	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	dimethylpolysiloxane	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	dinotefuran	3.64	N/A	N/A	N/A
<b>Structural pest control</b>	diphacinone	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	diphacinone, sodium salt	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	disodium octaborate tetrahydrate	1.1	N/A	N/A	N/A
<b>Structural pest control</b>	esfenvalerate	0.34	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	etofenprox	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	fipronil	54.9	N/A	N/A	N/A
<b>Structural pest control</b>	gamma-cyhalothrin	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	glyphosate, isopropylamine salt	2.19	N/A	N/A	N/A
<b>Structural pest control</b>	glyphosate, potassium salt	24.44	N/A	N/A	N/A
<b>Structural pest control</b>	hydroprene	1.2	N/A	N/A	N/A
<b>Structural pest control</b>	imidacloprid	9.04	N/A	N/A	N/A
<b>Structural pest control</b>	indoxacarb	0.1	N/A	N/A	N/A
<b>Structural pest control</b>	iron phosphate	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	isopropyl alcohol	0.56	N/A	N/A	N/A
<b>Structural pest control</b>	lambda-cyhalothrin	0.15	N/A	N/A	N/A
<b>Structural pest control</b>	magnesium phosphide	21.61	N/A	N/A	N/A
<b>Structural pest control</b>	malathion	1.38	N/A	N/A	N/A
<b>Structural pest control</b>	s-methoprene	0.3	N/A	N/A	N/A
<b>Structural pest control</b>	methyl bromide	340.0	N/A	N/A	N/A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Structural pest control</b>	metofluthrin	<0.01	N/A	N/A	N/A
<b>Structural pest control</b>	metrafenone	1.24	N/A	N/A	N/A
<b>Structural pest control</b>	muscalure	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	novaluron	0.03	N/A	N/A	N/A
<b>Structural pest control</b>	n-octyl bicycloheptene dicarboximide	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	oxyfluorfen	1.57	N/A	N/A	N/A
<b>Structural pest control</b>	permethrin	14.65	N/A	N/A	N/A
<b>Structural pest control</b>	phenothrin	0.01	N/A	N/A	N/A
<b>Structural pest control</b>	phenylethyl propionate	0.02	N/A	N/A	N/A
<b>Structural pest control</b>	piperonyl butoxide	2.57	N/A	N/A	N/A
<b>Structural pest control</b>	piperonyl butoxide, other related	0.45	N/A	N/A	N/A
<b>Structural pest control</b>	prallethrin	0.1	N/A	N/A	N/A
<b>Structural pest control</b>	pyrethrins	0.43	N/A	N/A	N/A
<b>Structural pest control</b>	pyriproxyfen	0.04	N/A	N/A	N/A
<b>Structural pest control</b>	silica aerogel	0.02	N/A	N/A	N/A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Structural pest control	sulfuryl fluoride	1,907.38	N/A	N/A	N/A
Structural pest control	tetramethrin	<0.01	N/A	N/A	N/A
Structural pest control	thiamethoxam	<0.01	N/A	N/A	N/A
Structural pest control	thyme	0.03	N/A	N/A	N/A
Structural pest control	triclopyr, triethylamine salt	9.64	N/A	N/A	N/A
Structural pest control	unknown	None	N/A	N/A	N/A
Sunflower	abamectin	0.25	1	26.4	A
Sunflower	acrylamide/sodium acrylate copolymer	39.2	28	1,942.61	A
Sunflower	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	3.73	3	171.4	A
Sunflower	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	11.27	4	293.0	A
Sunflower	alkyl (c8,c10) polyglucoside	20.71	5	161.9	A
Sunflower	ammonium sulfate	205.73	43	1,324.74	A
Sunflower	benzoic acid	0.23	1	40.0	A
Sunflower	bifenthrin	2.55	1	26.4	A
Sunflower	butyl alcohol	2.27	1	55.0	A
Sunflower	carfentrazone-ethyl	0.81	1	55.0	A
Sunflower	chlorantraniliprole	351.92	97	5,066.17	A
Sunflower	citric acid	20.44	38	1,162.84	A
Sunflower	clethodim	130.23	32	935.44	A
Sunflower	dimethyl alkyl tertiary amines	0.25	1	40.0	A
Sunflower	dimethylpolysiloxane	0.02	1	55.0	A
Sunflower	esfenvalerate	74.52	29	1,542.97	A
Sunflower	ethalfluralin	5,355.7	66	4,551.41	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sunflower	ethylene glycol	210.02	18	1,153.31	A
Sunflower	fatty acids derived from tallow	4.51	4	293.0	A
Sunflower	glycerol	111.91	38	1,162.84	A
Sunflower	glyphosate, isopropylamine salt	255.74	2	228.0	A
Sunflower	glyphosate, potassium salt	1,433.51	7	787.0	A
Sunflower	heptamethyltrisiloxane ethoxylated	258.5	40	2,842.61	A
Sunflower	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	215.41	40	2,842.61	A
Sunflower	hydrotreated paraffinic solvent	61.65	1	40.0	A
Sunflower	imazamox, ammonium salt	18.14	11	540.4	A
Sunflower	isopropyl alcohol	38.19	18	1,153.31	A
Sunflower	isopropylamine dodecylbenzene sulfonate	0.21	1	55.0	A
Sunflower	lambda-cyhalothrin	66.46	39	2,419.3	A
Sunflower	lecithin	61.81	3	507.0	A
Sunflower	methyl anthranilate	18.24	1	60.0	A
Sunflower	methylated soybean oil	2,185.18	88	5,048.01	A
Sunflower	methyl silicone resins	23.61	18	782.7	A
Sunflower	s-metolachlor	331.54	4	232.0	A
Sunflower	mineral oil	307.11	8	392.7	A
Sunflower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1,137.21	91	5,426.31	A
Sunflower	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	4.92	1	40.0	A
Sunflower	oxyfluorfen	69.02	4	621.41	A
Sunflower	paraquat dichloride	4,618.66	65	4,541.22	A
Sunflower	pendimethalin	1,259.5	13	985.9	A
Sunflower	petroleum distillates, aliphatic	2.35	28	1,942.61	A
Sunflower	petroleum naphthenic oils	27.44	28	1,942.61	A
Sunflower	petroleum oil, paraffin based	33.45	1	55.0	A
Sunflower	phosphoric acid	34.75	38	1,162.84	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Sunflower	polyacrylamide polymer	11.75	39	1,217.84	A
Sunflower	polyalkene oxide modified heptamethyl trisiloxane	2.22	3	280.0	A
Sunflower	polyalkyleneoxide modified polydimethyl-siloxane	19.79	6	384.0	A
Sunflower	polyether modified polysiloxane	39.9	5	417.81	A
Sunflower	polyethoxylated castor oil	13.3	5	417.81	A
Sunflower	polyethylene glycol	118.06	21	1,759.6	A
Sunflower	polyoxyethylene sorbitan monooleate	0.82	1	55.0	A
Sunflower	polyoxyethylene sorbitan trioleate	5.41	1	55.0	A
Sunflower	pyraflufen-ethyl	0.39	1	119.0	A
Sunflower	silicone defoamer	0.59	36	960.59	A
Sunflower	sodium chlorate	715.53	1	120.0	A
Sunflower	sodium hydroxide	61.32	38	1,162.84	A
Sunflower	tall oil	6.78	1	40.0	A
Sunflower	tall oil fatty acids	118.06	21	1,759.6	A
Sunflower	tribenuron-methyl	6.11	10	391.31	A
Sunflower	trifluralin	327.98	8	473.0	A
Sunflower	alpha-undecyl-omega-hydroxypoly(oxyethylene)	55.87	3	507.0	A
Tomato	azoxystrobin	30.92	6	311.6	A
Tomato	bacillus thuringiensis (berliner), subsp. kurstaki, strain sa-11	110.5	2	108.33	A
Tomato	bifenazate	8.99	1	18.0	A
Tomato	bifenthrin	27.93	8	350.6	A
Tomato	calcium chloride	0.34	1	21.0	A
Tomato	chlorothalonil	269.6	3	175.0	A
Tomato	citric acid	0.96	1	21.0	A
Tomato	clethodim	17.62	6	145.7	A
Tomato	diazinon	595.32	2	150.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tomato	esfenvalerate	2.01	1	45.0	A
Tomato	fluxapyroxad	11.9	3	148.0	A
Tomato	indoxacarb	7.28	3	148.0	A
Tomato	isopropyl alcohol	0.3	1	18.0	A
Tomato	kaolin	5,206.0	2	109.6	A
Tomato	methomyl	18.9	1	21.0	A
Tomato	s-metolachlor	648.3	5	361.6	A
Tomato	metribuzin	54.63	6	145.7	A
Tomato	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	1.57	1	18.0	A
Tomato	pendimethalin	334.66	3	235.6	A
Tomato	phosphoric acid	29.31	11	589.6	A
Tomato	pyraclostrobin	23.73	3	148.0	A
Tomato	reynoutria sachalinensis	31.7	3	195.0	A
Tomato	rimsulfuron	4.55	6	145.7	A
Tomato	spirotetramat	1.13	1	18.0	A
Tomato	sulfur	7,847.16	12	679.93	A
Tomato	trifluralin	63.61	2	126.0	A
Tomato, processing	abamectin	111.8	103	7,058.65	A
Tomato, processing	acetamiprid	32.57	7	434.2	A
Tomato, processing	acrylamide/sodium acrylate copolymer	1.67	1	80.0	A
Tomato, processing	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	168.79	57	3,171.55	A
Tomato, processing	alkyl (c8,c10) polyglucoside	23.08	5	179.35	A
Tomato, processing	ametoctradin	65.99	2	242.0	A
Tomato, processing	ammonium nitrate	3.1	2	108.0	A
Tomato, processing	ammonium sulfate	447.02	72	4,148.51	A
Tomato, processing	azoxystrobin	1,315.28	191	13,329.95	A
Tomato, processing	benzoic acid	0.37	1	65.0	A
Tomato, processing	bifenthrin	1,367.41	218	16,370.15	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tomato, processing	butyl alcohol	38.38	19	1,152.0	A
Tomato, processing	calcium chloride	5.1	4	168.0	A
Tomato, processing	carbaryl	206.85	9	392.13	A
Tomato, processing	carfentrazone-ethyl	4.78	2	217.2	A
Tomato, processing	chlorantraniliprole	427.53	98	7,276.63	A
Tomato, processing	chlorothalonil	8,932.54	65	4,583.31	A
Tomato, processing	citric acid	61.71	69	3,983.92	A
Tomato, processing	clethodim	302.43	42	1,673.05	A
Tomato, processing	clothianidin	30.24	9	455.94	A
Tomato, processing	copper hydroxide	4,087.22	91	5,266.71	A
Tomato, processing	copper oxide (ous)	267.9	11	237.5	A
Tomato, processing	copper oxychloride	65.03	4	197.0	A
Tomato, processing	copper sulfate (basic)	285.1	4	301.5	A
Tomato, processing	beta-cyfluthrin	3.35	3	105.5	A
Tomato, processing	cymoxanil	41.13	6	329.0	A
Tomato, processing	cyprodinil	3.45	1	52.0	A
Tomato, processing	diazinon	11,282.5	103	3,829.84	A
Tomato, processing	difenoconazole	7.63	3	150.5	A
Tomato, processing	dimethoate	21.08	6	359.0	A
Tomato, processing	dimethomorph	397.63	32	2,009.9	A
Tomato, processing	dimethyl alkyl tertiary amines	0.4	1	65.0	A
Tomato, processing	dimethylpolysiloxane	0.4	21	1,237.24	A
Tomato, processing	esfenvalerate	4.66	2	95.0	A
Tomato, processing	ethephon	1,059.45	28	1,423.34	A
Tomato, processing	ethylene glycol	207.94	22	827.47	A
Tomato, processing	famoxadone	41.13	6	329.0	A
Tomato, processing	fatty acids, methyl esters	55.42	4	159.35	A
Tomato, processing	flutriafol	93.06	11	818.7	A
Tomato, processing	fluxapyroxad	608.13	101	7,293.86	A
Tomato, processing	glycerol	260.34	65	3,815.92	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tomato, processing	glyphosate, isopropylamine salt	1,200.57	18	991.24	A
Tomato, processing	glyphosate, potassium salt	6,732.19	39	3,044.2	A
Tomato, processing	halosulfuron-methyl	10.84	12	279.76	A
Tomato, processing	heptamethyltrisiloxane ethoxylated	26.53	10	589.4	A
Tomato, processing	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	24.09	13	777.9	A
Tomato, processing	hydrogen peroxide	3,493.64	89	5,609.15	A
Tomato, processing	imidacloprid	49.65	27	764.34	A
Tomato, processing	indoxacarb	349.4	76	5,328.42	A
Tomato, processing	isopropyl alcohol	269.02	206	13,454.4	A
Tomato, processing	isopropylamine dodecylbenzene sulfonate	0.33	1	88.0	A
Tomato, processing	kaolin	37,911.65	14	1,171.4	A
Tomato, processing	lambda-cyhalothrin	80.83	60	3,294.17	A
Tomato, processing	mancozeb	9,177.0	120	6,692.44	A
Tomato, processing	mefenoxam	52.24	4	422.0	A
Tomato, processing	methomyl	214.2	5	238.0	A
Tomato, processing	methylated soybean oil	1,212.71	199	8,105.35	A
Tomato, processing	methyl silicone resins	129.87	61	3,099.41	A
Tomato, processing	metolachlor	5,241.85	55	3,096.58	A
Tomato, processing	s-metolachlor	12,971.74	107	7,308.86	A
Tomato, processing	metribuzin	1,914.55	128	4,133.14	A
Tomato, processing	mineral oil	27.55	3	54.11	A
Tomato, processing	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6,092.9	452	25,314.03	A
Tomato, processing	oxyfluorfen	289.32	28	2,080.6	A
Tomato, processing	paraquat dichloride	33.16	1	65.24	A
Tomato, processing	pendimethalin	4,698.42	87	3,677.7	A
Tomato, processing	penthiopyrad	346.72	20	1,366.7	A
Tomato, processing	peroxyacetic acid	257.83	89	5,609.15	A
Tomato, processing	petroleum distillates, aliphatic	0.1	1	80.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Tomato, processing	petroleum naphthenic oils	1.17	1	80.0	A
Tomato, processing	petroleum oil, paraffin based	53.52	1	88.0	A
Tomato, processing	phosphoric acid	1,020.24	271	17,921.85	A
Tomato, processing	polyacrylamide polymer	26.98	66	3,903.92	A
Tomato, processing	polyalkene oxide modified heptamethyl trisiloxane	8.4	16	1,012.5	A
Tomato, processing	polyalkyleneoxide modified polydimethyl-siloxane	158.34	54	3,720.92	A
Tomato, processing	polyethylene glycol	294.9	35	3,097.33	A
Tomato, processing	polyoxyethylene sorbitan monooleate	1.32	1	88.0	A
Tomato, processing	polyoxyethylene sorbitan trioleate	8.66	1	88.0	A
Tomato, processing	propamocarb hydrochloride	112.93	3	151.0	A
Tomato, processing	pyraclostrobin	1,419.64	118	8,350.25	A
Tomato, processing	pyraflufen-ethyl	1.94	10	589.4	A
Tomato, processing	qst 713 strain of dried bacillus subtilis	26.99	3	206.0	A
Tomato, processing	rimsulfuron	179.64	174	5,982.74	A
Tomato, processing	silicone defoamer	3.87	168	6,249.45	A
Tomato, processing	sodium hydroxide	142.65	65	3,815.92	A
Tomato, processing	spinetoram	177.61	80	3,240.09	A
Tomato, processing	spirotetramat	12.11	13	153.63	A
Tomato, processing	sulfur	87,854.4	97	7,019.3	A
Tomato, processing	tall oil fatty acids	294.7	35	3,097.33	A
Tomato, processing	thiamethoxam	3.3	4	422.0	A
Tomato, processing	trifluralin	3,279.08	79	4,401.98	A
Triticale	mcpa, dimethylamine salt	17.31	1	61.35	A
Triticale	mesosulfuron-methyl	0.82	1	61.35	A
Triticale	polyacrylamide polymer	0.26	1	61.35	A
Uncultivated ag	abamectin	0.36	2	19.4	A
Uncultivated ag	acrylamide/sodium acrylate copolymer	14.17	12	685.61	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	93.85	34	1,543.0	A
Uncultivated ag	alkyl (c8,c10) polyglucoside	1,075.68	27	2,716.0	A
Uncultivated ag	ammonium nitrate	520.2	53	4,044.0	A
Uncultivated ag	ammonium sulfate	3,107.16	344	24,807.94	A
Uncultivated ag	azoxystrobin	13.86	2	70.1	A
Uncultivated ag	benzoic acid	2.5	12	441.0	A
Uncultivated ag	bifenazate	29.34	2	47.0	A
Uncultivated ag	bifenthrin	1.8	3	18.0	A
Uncultivated ag	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	1.03	1	46.0	A
Uncultivated ag	butyl alcohol	0.97	1	63.0	A
Uncultivated ag	carfentrazone-ethyl	61.81	44	2,961.4	A
Uncultivated ag	castor oil ethoxylate	7.66	10	193.4	A
Uncultivated ag	citric acid	226.75	286	20,400.94	A
Uncultivated ag	clethodim	501.87	55	3,206.4	A
Uncultivated ag	2,4-d, dimethylamine salt	126.1	4	133.8	A
Uncultivated ag	1,3-dichloropropene	10,124.05	1	30.5	A
Uncultivated ag	difenoconazole	2.63	1	23.0	A
Uncultivated ag	diglycolamine salt of 3,6-dichloro-o-anisic acid	938.18	14	1,267.8	A
Uncultivated ag	dimethyl alkyl tertiary amines	2.73	12	441.0	A
Uncultivated ag	dimethylpolysiloxane	1.04	28	2,815.0	A
Uncultivated ag	fatty acids, methyl esters	437.13	4	422.0	A
Uncultivated ag	fluopyram	3.07	1	37.0	A
Uncultivated ag	glufosinate-ammonium	18.06	1	46.0	A
Uncultivated ag	glycerol	1,232.45	285	20,121.24	A
Uncultivated ag	glyphosate, isopropylamine salt	9,898.67	96	7,245.2	A
Uncultivated ag	glyphosate, potassium salt	51,057.56	324	22,079.44	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	heptamethyltrisiloxane ethoxylated	63.06	18	1,546.8	A
Uncultivated ag	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	52.55	18	1,546.8	A
Uncultivated ag	hydrotreated paraffinic solvent	107.89	2	70.0	A
Uncultivated ag	alpha-isodecyl-omega-hydroxypoly(oxyethylene)	0.7	1	46.0	A
Uncultivated ag	lecithin	15.26	1	75.0	A
Uncultivated ag	metaflumizone	0.03	1	37.0	A
Uncultivated ag	methoxyfenozide	16.1	4	57.0	A
Uncultivated ag	methylated soybean oil	4,962.51	276	18,731.58	A
Uncultivated ag	mineral oil	2,572.61	43	3,455.3	A
Uncultivated ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	10,622.79	279	19,452.48	A
Uncultivated ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	23.42	3	149.0	A
Uncultivated ag	oleic acid, ethyl ester	6.99	1	23.0	A
Uncultivated ag	oxyfluorfen	3,554.94	305	21,317.24	A
Uncultivated ag	paraquat dichloride	1,041.89	12	751.24	A
Uncultivated ag	pendimethalin	162.37	2	261.0	A
Uncultivated ag	petroleum distillates	180.19	1	120.0	A
Uncultivated ag	petroleum distillates, aliphatic	0.85	12	685.61	A
Uncultivated ag	petroleum naphthenic oils	9.92	12	685.61	A
Uncultivated ag	phosphoric acid	392.31	286	20,400.94	A
Uncultivated ag	polyacrylamide polymer	124.03	285	20,220.24	A
Uncultivated ag	polyacrylic polymer	0.89	2	325.7	A
Uncultivated ag	polyether modified polysiloxane	46.04	9	537.44	A
Uncultivated ag	polyethoxylated castor oil	15.35	9	537.44	A
Uncultivated ag	polyethylene glycol	82.84	29	2,257.7	A
Uncultivated ag	polyethylene glycol stearate	1.75	1	23.0	A
Uncultivated ag	polyoxin d, zinc salt	2.25	2	51.4	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated ag	polyoxyethylene soybean oil fatty acid ester	57.46	10	193.4	A
Uncultivated ag	polysorbate 65	10.03	1	243.0	A
Uncultivated ag	propiconazole	8.26	1	47.1	A
Uncultivated ag	pyraflufen-ethyl	8.43	40	2,555.3	A
Uncultivated ag	saflufenacil	0.32	1	7.2	A
Uncultivated ag	sethoxydim	49.14	4	177.0	A
Uncultivated ag	silicone defoamer	11.79	206	14,552.34	A
Uncultivated ag	sodium hydroxide	674.9	284	20,075.24	A
Uncultivated ag	sorbitan trioleate	10.03	1	243.0	A
Uncultivated ag	tall oil	19.53	12	263.4	A
Uncultivated ag	tall oil fatty acids	82.84	29	2,257.7	A
Uncultivated ag	tebuconazole	3.07	1	37.0	A
Uncultivated ag	triclopyr, triethylamine salt	64.64	3	72.5	A
Uncultivated ag	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	0.77	1	46.0	A
Uncultivated ag	alpha-undecyl-omega-hydroxypoly(oxyethylene)	7.63	1	75.0	A
Uncultivated ag	urea dihydrogen sulfate	2.28	1	46.0	A
Uncultivated non-ag	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	12.87	3	180.0	A
Uncultivated non-ag	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	0.65	N/A	100.0	A
Uncultivated non-ag	alkyl (c9-c11) oligomeric d-glucopyranoside	2.12	N/A	100.0	A
Uncultivated non-ag	ammonium nitrate	21.78	3	280.0	A
Uncultivated non-ag	ammonium sulfate	41.09	3	180.0	A
Uncultivated non-ag	benzoic acid	1.02	3	180.0	A
Uncultivated non-ag	calcium chloride	0.84	1	80.0	A
Uncultivated non-ag	citric acid	2.33	1	80.0	A
Uncultivated non-ag	clethodim	40.29	4	150.0	A
Uncultivated non-ag	2,4-d, dimethylamine salt	90.02	1	80.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Uncultivated non-ag	dimethyl alkyl tertiary amines	1.12	3	180.0	A
Uncultivated non-ag	fatty acids derived from tallow	0.26	N/A	100.0	A
Uncultivated non-ag	glufosinate-ammonium	58.17	N/A	50.0	A
Uncultivated non-ag	glyphosate, isopropylamine salt	39.96	2	20.0	A
Uncultivated non-ag	glyphosate, potassium salt	431.68	3	280.0	A
Uncultivated non-ag	hydrotreated paraffinic solvent	61.65	1	80.0	A
Uncultivated non-ag	indaziflam	1.3	2	20.0	A
Uncultivated non-ag	methylated soybean oil	87.37	4	330.0	A
Uncultivated non-ag	myclobutanil	0.08	N/A	3.0	A
Uncultivated non-ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	9.32	1	250.0	A
Uncultivated non-ag	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	4.92	1	80.0	A
Uncultivated non-ag	organo/modified polysiloxane	0.06	N/A	100.0	A
Uncultivated non-ag	oxyfluorfen	15.35	3	73.0	A
Uncultivated non-ag	polyalkene oxide modified heptamethyl trisiloxane	0.42	N/A	100.0	A
Uncultivated non-ag	pyraflufen-ethyl	0.27	1	50.0	A
Uncultivated non-ag	rimsulfuron	2.34	1	50.0	A
Uncultivated non-ag	tall oil	6.78	1	80.0	A
Uncultivated non-ag	triclopyr, triethylamine salt	4.25	N/A	50.0	A
Uncultivated non-ag	urea	15.09	N/A	100.0	A
Vertebrate control	bromadiolone	0.01	N/A	N/A	N/A
Vertebrate control	oxyfluorfen	11.79	N/A	N/A	N/A
Vertebrate control	penoxsulam	0.25	N/A	N/A	N/A
Walnut	abamectin	107.18	68	4,855.49	A
Walnut	acetamiprid	189.84	49	1,746.16	A
Walnut	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	965.69	135	7,228.45	A
Walnut	alpha-alkyl (c9-c16)-omega-hydroxypoly(oxyethylene)	52.22	22	463.69	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	alpha-alkyl (c10-c16)-omega-hydroxypoly(oxyethylene)	26.86	3	187.0	A
Walnut	alpha-pinene beta-pinene copolymer	131.98	6	279.0	A
Walnut	alpha-alkyl (c12-c14)-omega-hydroxypoly(oxyethylene)	90.43	13	702.0	A
Walnut	alkyl (c8,c10) polyglucoside	36.24	4	175.0	A
Walnut	allyloxypolyethylene glycol acetate	3.08	1	65.0	A
Walnut	aluminum phosphide	13.42	45	81.0	A
Walnut	ammonium nitrate	16.52	31	808.58	A
Walnut	ammonium propionate	181.24	58	1,766.11	A
Walnut	ammonium sulfate	2,556.1	196	8,314.94	A
Walnut	aromatic 200	117.63	5	308.25	A
Walnut	azoxystrobin	794.58	54	4,196.9	A
Walnut	bacillus thuringiensis, subsp. kurstaki, strain abts-351, fermentation solids and solubles	2.7	1	10.0	A
Walnut	benzoic acid	1.35	12	238.19	A
Walnut	bifenazate	3,273.79	84	5,044.57	A
Walnut	bifenthrin	1,440.89	125	7,618.53	A
Walnut	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	29.69	19	689.1	A
Walnut	boscalid	415.52	20	2,066.2	A
Walnut	buprofezin	971.96	12	522.57	A
Walnut	butyl alcohol	181.73	67	1,945.15	A
Walnut	calcium chloride	120.56	28	2,040.5	A
Walnut	carfentrazone-ethyl	5.83	7	199.26	A
Walnut	castor oil ethoxylate	11.59	4	70.0	A
Walnut	chlorantraniliprole	373.48	86	4,442.54	A
Walnut	citric acid	824.04	202	9,832.63	A
Walnut	clethodim	29.98	12	197.3	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	clofentezine	259.81	10	1,094.1	A
Walnut	copper hydroxide	49,222.12	314	18,332.52	A
Walnut	copper oxychloride	2,277.87	61	2,123.44	A
Walnut	copper sulfate (basic)	8,806.02	24	2,058.9	A
Walnut	copper sulfate (pentahydrate)	639.11	27	1,540.02	A
Walnut	corn product, hydrolyzed	899.72	18	759.42	A
Walnut	corn steep liquor	635.72	11	177.0	A
Walnut	cyflumetofen	24.87	2	136.0	A
Walnut	beta-cyfluthrin	4.91	4	236.0	A
Walnut	2,4-d, diethanolamine salt	26.34	2	65.0	A
Walnut	2,4-d, dimethylamine salt	1,962.41	25	1,178.11	A
Walnut	decyl phenoxy benzene disulfonic acid, disodium salt	5.04	3	164.12	A
Walnut	diethylene glycol	101.05	22	757.28	A
Walnut	dimethyl alkyl tertiary amines	1.48	12	238.19	A
Walnut	dimethylpolysiloxane	22.66	153	6,160.17	A
Walnut	dimethyl silicone fluid emulsion	8.58	46	3,594.0	A
Walnut	diuron	696.82	11	289.63	A
Walnut	e,e-8,10-dodecadien-1-ol	11.81	3	301.5	A
Walnut	emamectin benzoate	2.85	4	205.0	A
Walnut	emulsifiable methylated vegetable oil	451.21	6	448.85	A
Walnut	esfenvalerate	59.34	13	920.2	A
Walnut	ethephon	5,534.29	137	8,522.29	A
Walnut	ethylene glycol	27.24	1	75.0	A
Walnut	etoxazole	166.88	19	1,355.81	A
Walnut	fatty acids, methyl esters	163.0	5	204.36	A
Walnut	fatty acids, mixed	179.97	22	757.28	A
Walnut	fatty acids derived from tallow	36.17	13	702.0	A
Walnut	fenazaquin	70.43	1	100.29	A
Walnut	flazasulfuron	2.48	5	74.04	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	flumioxazin	206.58	18	514.93	A
Walnut	fluopyram	30.97	9	299.62	A
Walnut	fluxapyroxad	320.03	67	3,449.56	A
Walnut	glufosinate-ammonium	6,117.81	168	5,256.73	A
Walnut	glycerol	1,091.9	73	3,496.65	A
Walnut	glyphosate, isopropylamine salt	11,544.58	149	5,415.86	A
Walnut	glyphosate, potassium salt	20,194.54	198	8,887.26	A
Walnut	halosulfuron-methyl	5.54	2	176.43	A
Walnut	heptamethyltrisiloxane ethoxylated	146.83	50	2,038.43	A
Walnut	heptamethyltrisiloxane-1,3-propanediol ether, ethoxylated propoxylated	295.84	147	8,530.53	A
Walnut	hexythiazox	319.89	38	1,792.86	A
Walnut	hydrotreated paraffinic solvent	142.54	5	111.89	A
Walnut	2-(3-hydroxypropyl)-hepta-methyl trisiloxane, ethoxylated, acetate	651.79	51	3,048.0	A
Walnut	imidacloprid	122.31	17	1,257.2	A
Walnut	indaziflam	188.09	121	3,590.79	A
Walnut	isopropyl alcohol	89.61	24	971.24	A
Walnut	isopropylamine dodecylbenzene sulfonate	0.81	4	83.6	A
Walnut	kaolin	79,916.87	54	2,968.26	A
Walnut	kasugamycin hydrochloride	153.69	19	1,588.46	A
Walnut	lambda-cyhalothrin	116.41	58	2,604.67	A
Walnut	lecithin	2,133.91	89	4,565.31	A
Walnut	malathion	1,993.4	10	796.0	A
Walnut	mancozeb	37,045.92	330	20,686.26	A
Walnut	mefenoxam	19.83	1	40.0	A
Walnut	mesotrione	35.03	14	312.42	A
Walnut	metconazole	18.09	5	166.9	A
Walnut	methoxyfenozide	273.78	23	957.26	A
Walnut	methylated fatty acids from canola oil	45.09	1	50.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	methylated soybean oil	6,958.5	289	11,764.02	A
Walnut	methyl silicone resins	85.32	14	395.0	A
Walnut	mevinphos	77.92	1	65.0	A
Walnut	mevinphos, other related	51.76	1	65.0	A
Walnut	mineral oil	6,008.8	51	2,819.77	A
Walnut	myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	70.37	5	22.65	A
Walnut	4-nonylphenol, formaldehyde resin, propoxylated	35.07	7	199.0	A
Walnut	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	6,238.75	463	20,720.28	A
Walnut	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), branched	41.75	10	417.32	A
Walnut	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene), phosphate ester	132.58	59	1,813.25	A
Walnut	oleic acid, ethyl ester	1,288.39	31	1,453.0	A
Walnut	oleic acid, methyl ester	246.51	23	469.69	A
Walnut	oryzalin	49.92	1	8.0	A
Walnut	oxyfluorfen	3,503.01	170	7,101.0	A
Walnut	paraquat dichloride	3,378.88	65	2,613.39	A
Walnut	pendimethalin	5,179.5	29	2,015.92	A
Walnut	penoxsulam	15.66	39	1,001.11	A
Walnut	permethrin	433.6	28	1,746.7	A
Walnut	petroleum distillates	2,294.69	5	1,287.0	A
Walnut	petroleum distillates, aromatic	82.83	1	47.14	A
Walnut	petroleum oil, paraffin based	1,259.02	11	817.6	A
Walnut	phosphoric acid	459.65	100	5,440.09	A
Walnut	polyacrylamide polymer	109.47	72	3,481.65	A
Walnut	polyacrylic polymer	10.94	27	1,943.44	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	polyalkene oxide modified heptamethyl trisiloxane	142.33	58	2,860.72	A
Walnut	polyalkyleneoxide modified polydimethyl-siloxane	884.86	119	6,152.76	A
Walnut	polybutenes	3.44	1	30.0	A
Walnut	polyether modified polysiloxane	218.34	61	1,676.18	A
Walnut	polyethoxylated castor oil	50.55	58	1,321.18	A
Walnut	polyethylene glycol	1,006.31	179	10,070.26	A
Walnut	polyethylene glycol diacetate	0.28	1	65.0	A
Walnut	polyethylene glycol mono(3-(tetramethyl-1-(trimethylsiloxy)disiloxanyl)propyl)ether	112.54	24	1,890.5	A
Walnut	polyethylene glycol stearate	322.1	31	1,453.0	A
Walnut	polyoxyethylene polyoxypropylene	48.6	11	408.0	A
Walnut	polyoxyethylene sorbitan monooleate	3.25	4	83.6	A
Walnut	polyoxyethylene sorbitan trioleate	21.4	4	83.6	A
Walnut	polysorbate 65	506.02	39	2,363.55	A
Walnut	potassium hydroxide	7.39	7	355.1	A
Walnut	potassium nitrate	63.67	6	340.1	A
Walnut	potassium phosphite	4,133.76	32	1,535.0	A
Walnut	propargite	896.0	14	1,195.7	A
Walnut	propiconazole	1,047.44	76	5,094.55	A
Walnut	propylene glycol	101.94	33	2,360.5	A
Walnut	pyraclostrobin	531.09	87	5,515.76	A
Walnut	pyraflufen-ethyl	0.47	6	91.79	A
Walnut	pyriproxyfen	87.83	10	831.7	A
Walnut	qst 713 strain of dried bacillus subtilis	78.86	4	301.0	A
Walnut	rimsulfuron	94.01	59	2,176.21	A
Walnut	saflufenacil	83.25	47	2,013.68	A
Walnut	sethoxydim	98.45	9	248.72	A
Walnut	silicone defoamer	0.16	7	200.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Walnut	simazine	702.07	11	289.63	A
Walnut	sodium hydroxide	597.11	72	3,481.65	A
Walnut	sodium polyacrylate	4.53	58	1,766.11	A
Walnut	sorbitan trioleate	506.02	39	2,363.55	A
Walnut	spinetoram	14.68	5	234.0	A
Walnut	spirodiclofen	911.04	32	1,807.3	A
Walnut	spirotetramat	17.63	3	110.0	A
Walnut	tall oil	15.68	5	111.89	A
Walnut	tall oil fatty acids	769.17	183	10,727.85	A
Walnut	tebuconazole	497.85	45	2,425.92	A
Walnut	alpha-tridecyl-omega-hydroxypoly(oxyethanol) phosphate	49.38	13	404.96	A
Walnut	trifloxystrobin	30.19	8	289.62	A
Walnut	alpha-2,6,8-trimethyl-4-nonyloxy-omega-hydroxypoly(oxyethylene)	209.83	24	1,890.5	A
Walnut	alpha-undecyl-omega-hydroxypoly(oxyethylene)	1,372.35	93	5,104.7	A
Walnut	urea dihydrogen sulfate	4.01	8	96.71	A
Watermelon	abamectin	10.34	34	585.28	A
Watermelon	acetamiprid	107.67	44	1,126.73	A
Watermelon	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	69.79	52	1,348.56	A
Watermelon	bifenazate	398.45	26	798.41	A
Watermelon	bifenthrin	110.53	47	1,106.15	A
Watermelon	castor oil ethoxylate	0.46	1	7.5	A
Watermelon	chlorothalonil	14.98	1	10.0	A
Watermelon	clethodim	2.89	2	23.83	A
Watermelon	cyazofamid	0.7	1	10.0	A
Watermelon	cyflufenamid	8.46	10	362.5	A
Watermelon	cymoxanil	4.87	4	42.67	A



Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Watermelon	dimethoate	4.06	4	69.0	A
Watermelon	dimethomorph	28.16	4	143.0	A
Watermelon	etoxazole	4.61	5	36.17	A
Watermelon	famoxadone	4.87	4	42.67	A
Watermelon	fenamidone	1.05	1	6.5	A
Watermelon	fenpyroximate	1.01	1	9.5	A
Watermelon	flonicamid	6.4	6	76.5	A
Watermelon	flupyradifurone	54.92	17	319.03	A
Watermelon	flutriafol	2.04	1	18.0	A
Watermelon	imidacloprid	25.81	5	76.5	A
Watermelon	isopropyl alcohol	4.19	9	177.38	A
Watermelon	kaolin	803.13	1	14.09	A
Watermelon	mancozeb	69.76	4	42.67	A
Watermelon	methomyl	176.48	10	202.38	A
Watermelon	methylated soybean oil	13.22	4	69.0	A
Watermelon	methyl silicone resins	3.88	12	117.5	A
Watermelon	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	33.15	15	272.71	A
Watermelon	phosphoric acid	15.72	9	177.38	A
Watermelon	polyalkene oxide modified heptamethyl trisiloxane	0.66	4	69.0	A
Watermelon	polyalkyleneoxide modified polydimethyl-siloxane	3.99	6	49.42	A
Watermelon	polyethylene glycol	2.17	2	26.33	A
Watermelon	polyoxyethylene soybean oil fatty acid ester	3.44	1	7.5	A
Watermelon	propamocarb hydrochloride	59.83	4	100.0	A
Watermelon	pyraclostrobin	10.69	6	64.0	A
Watermelon	spiromesifen	8.71	6	72.0	A
Watermelon	tall oil	0.46	1	7.5	A
Watermelon	tall oil fatty acids	2.17	2	26.33	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Watermelon	thiamethoxam	0.3	1	6.5	A
Watermelon	trifluralin	6.78	1	9.0	A
Wheat	acrylamide/sodium acrylate copolymer	1.03	1	150.0	A
Wheat	alpha-alkyl (c9-c11)-omega-hydroxypoly(oxyethylene)	10.76	3	191.0	A
Wheat	alkyl (c8,c10) polyglucoside	108.66	4	313.0	A
Wheat	ammonium nitrate	5.35	5	295.0	A
Wheat	ammonium sulfate	252.5	29	1,930.5	A
Wheat	benzoic acid	4.77	16	839.0	A
Wheat	n,n-bis-(2-omega-hydroxypoly(oxyethylene)ethyl)alkylamine, alkyl derived from tallow fatty acids	1.58	5	215.2	A
Wheat	bromoxynil octanoate	77.54	2	142.0	A
Wheat	butyl alcohol	2.92	3	141.7	A
Wheat	canola oil	0.53	1	127.0	A
Wheat	carfentrazone-ethyl	2.46	3	231.0	A
Wheat	citric acid	10.7	22	1,426.5	A
Wheat	2,4-d, dimethylamine salt	642.43	16	759.0	A
Wheat	diethylene glycol	2.73	4	232.0	A
Wheat	diglycolamine salt of 3,6-dichloro-o-anisic acid	118.21	9	581.0	A
Wheat	dimethyl alkyl tertiary amines	5.21	16	839.0	A
Wheat	dimethylpolysiloxane	0.13	14	692.9	A
Wheat	diquat dibromide	5.79	1	53.0	A
Wheat	dodecylbenzene sulfonic acid, calcium salt	0.26	1	127.0	A
Wheat	ethylene glycol	16.41	4	264.0	A
Wheat	fatty acids, mixed	4.86	4	232.0	A
Wheat	fatty acids, c16-18 and c18-unsaturated, branched and linear	0.26	1	127.0	A
Wheat	fatty acids, c16-c18 and c18-unsaturated, methyl esters	28.02	1	127.0	A

Commodity or Site	Chemical	Pounds Applied	Apps	Area Treated	Unit Treated
Wheat	glycerol	66.54	23	1,553.5	A
Wheat	glyphosate, isopropylamine salt	117.16	2	105.0	A
Wheat	glyphosate, potassium salt	499.93	4	228.4	A
Wheat	imazapic, ammonium salt	2.64	1	53.0	A
Wheat	isopropyl alcohol	2.98	4	264.0	A
Wheat	lecithin	18.94	5	215.2	A
Wheat	mcpa, dimethylamine salt	1,280.75	35	2,244.3	A
Wheat	mesosulfuron-methyl	3.1	6	232.0	A
Wheat	methylated soybean oil	536.06	32	1,537.6	A
Wheat	alpha-(para-nonylphenyl)-omega-hydroxypoly(oxyethylene)	212.7	26	1,502.0	A
Wheat	oxyfluorfen	18.73	3	191.0	A
Wheat	petroleum distillates, aliphatic	0.06	1	150.0	A
Wheat	petroleum naphthenic oils	0.72	1	150.0	A
Wheat	phosphoric acid	18.18	22	1,426.5	A
Wheat	pinoxaden	54.76	14	1,011.2	A
Wheat	polyacrylamide polymer	5.88	22	1,426.5	A
Wheat	polyalkene oxide modified heptamethyl trisiloxane	1.14	5	150.0	A
Wheat	polyethylene glycol	6.15	3	253.9	A
Wheat	polyoxyethylene sorbitan trioleate	0.62	1	127.0	A
Wheat	pyraflufen-ethyl	0.26	1	157.4	A
Wheat	pyroxsulam	12.3	14	932.2	A
Wheat	silicone defoamer	0.11	3	142.4	A
Wheat	sodium diisooctylsulfosuccinate	0.13	1	127.0	A
Wheat	sodium hydroxide	32.09	22	1,426.5	A
Wheat	sodium xylene sulfonate	0.84	1	127.0	A
Wheat	tall oil fatty acids	6.15	3	253.9	A
Wheat	tribenuron-methyl	23.99	20	1,633.8	A

<b>Commodity or Site</b>	<b>Chemical</b>	<b>Pounds Applied</b>	<b>Apps</b>	<b>Area Treated</b>	<b>Unit Treated</b>
<b>Wheat</b>	alpha-undecyl-omega-hydroxypoly(oxyethylene)	7.11	4	232.0	A
<b>Wheat (forage - fodder)</b>	benzoic acid	0.51	4	90.4	A
<b>Wheat (forage - fodder)</b>	2,4-d, dimethylamine salt	76.23	4	90.4	A
<b>Wheat (forage - fodder)</b>	dimethyl alkyl tertiary amines	0.56	4	90.4	A
<b>Wheat (forage - fodder)</b>	methylated soybean oil	19.58	4	90.4	A