



## SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2015

Reported by pounds of active ingredient by county  
(Excludes sales for structural pest control products )

<b>January</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
4-aminopyridine				12.500	12.500
abamectin	1.200		0.300	1.350	2.850
alachlor				40.000	40.000
atrazine			8,945.750		8,945.750
bifenthrin	24.420		95.280		119.700
chlorantraniliprole	6.680	33.400		23.380	63.460
chlorine	7,313.250	1,791.000	18,457.250	1,492.500	29,054.000
chlorpyrifos	40.000	50.060		413.050	503.110
cyfluthrin				10.000	10.000
dichlofop-methyl				12.000	12.000
emamectin benzoate	0.166		1.186	0.703	2.054
esfenvalerate	0.660			38.940	39.600
ethoprop	39.000				39.000
hexakis	7.000				7.000
hexazinone			960.000		960.000
imidacloprid	1.350				1.350
lambda-cyhalothrin	10.400	3.753		33.120	47.273
methomyl			6.000	114.000	120.000
naled				300.000	300.000
oxamyl	100.000			760.000	860.000
paraquat dichloride	410.000	60.000		55.000	525.000
permethrin	9.200	51.200		43.700	104.100
simazine				20.000	20.000
sodium methyldithiocarbamate	234.300			33,867.000	34,101.300
sulfuryl fluoride		124.750	124.750		249.500
tefluthrin		3.000			3.000
zeta-cypermethrin				18.885	18.885
β-cyfluthrin		4.000			4.000
hydrogen cyanamide			181.632		181.632

<b>February</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
abamectin	0.750			1.500	2.250
atrazine			6,965.750		6,965.750
bifenthrin	7.260	10.000	28.380	6.640	52.280
bromacil			76.800	38.400	115.200
chlorantraniliprole	1.670		0.418	20.040	22.128
chlorine	9,850.500		13,731.000	10,497.250	34,078.750
chlorpyrifos	175.463	43.805		206.525	425.793
diazinon				20.000	20.000



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emamectin benzoate			0.360	0.422	0.782
esfenvalerate				45.540	45.540
ethoprop	301.500	90.000			391.500
hexakis	6.000			19.000	25.000
hexazinone			960.000		960.000
lambda-cyhalothrin	12.480	2.502	2.080	16.645	33.707
magnesium phosphide		26.320			26.320
methiocarb	6.000				6.000
methomyl	6.000		6.000	176.400	188.400
methyl bromide				2,160.000	2,160.000
naled				105.000	105.000
oxamyl	10.000			80.000	90.000
paraquat dichloride	330.000	110.000		45.000	485.000
permethrin	2.300			32.200	34.500
simazine				100.000	100.000
s-metolachlor		916.800			916.800
sulfuryl fluoride		124.750	124.750	249.500	499.000
tefluthrin		9.000			9.000
zeta-cypermethrin				10.400	10.400
β-cyfluthrin				4.000	4.000

<b>March</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
1,3-dichloropropene				38,996.150	38,996.150
abamectin	2.400			3.600	6.000
atrazine		80.000	4,961.250		5,041.250
bifenthrin	2.640	2.640	3.960		9.240
chlorantraniliprole	4.175		3.340	43.420	50.935
chlorine	11,044.500	895.500	13,581.750	10,646.500	36,168.250
chlorpyrifos	319.763			37.550	357.313
cyfluthrin				2.000	2.000
dazomet		990.000			990.000
diazinon				880.000	880.000
emamectin benzoate				1.408	1.408
esfenvalerate		5.280		26.400	31.680
ethoprop	27.000				27.000
hexazinone			480.000		480.000
lambda-cyhalothrin	2.080	8.340		6.240	16.660
methomyl				684.000	684.000
naled				405.000	405.000
oxamyl	10.000			70.000	80.000
oxydemeton-methyl				10.000	10.000
paraquat dichloride	460.000		50.000	1,025.000	1,535.000



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permethrin			2.300	33.100	35.400
s-metolachlor		597.600	114.600		712.200
sodium methyldithiocarbamate	468.600			16,933.500	17,402.100
sulfuryl fluoride			374.250	374.250	748.500
zeta-cypermethrin				10.400	10.400

<b>April</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
abamectin	2.000		0.300	2.150	4.450
alachlor			40.000		40.000
atrazine		100.000	4,961.250		5,061.250
bifenthrin	9.900		5.280	8.000	23.180
bromacil			76.800		76.800
chlorantraniliprole	5.010			13.360	18.370
chlorine	12,238.500	1,194.000	23,979.500	10,994.750	48,406.750
chlorpyrifos	177.725	244.075	50.065	75.100	546.965
cyfluthrin				12.000	12.000
diazinon			40.000	60.000	100.000
emamectin benzoate	0.351		0.070	6.105	6.527
esfenvalerate	0.660			14.520	15.180
ethoprop	31.500				31.500
hexakis	1.500			12.000	13.500
hexazinone			960.000		960.000
lambda-cyhalothrin	18.080			10.400	28.480
magnesium phosphide			26.320		26.320
methomyl	18.000			288.000	306.000
naled				525.000	525.000
oxamyl			20.000	10.000	30.000
paraquat dichloride	560.000			15.000	575.000
permethrin			13.800	43.700	57.500
simazine			80.000		80.000
s-metolachlor		76.400	76.400	152.800	305.600
sodium methyldithiocarbamate	937.200			33,867.000	34,804.200
sulfuryl fluoride		124.750		499.000	623.750
tefluthrin			1.500		1.500
zeta-cypermethrin	4.500	6.000		24.100	34.600

<b>May</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
1,3-dichloropropene				38,858.053	38,858.053
abamectin	1.900		0.150	1.975	4.025
alachlor				20.000	20.000



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atrazine		44.100	2,976.750		3,020.850
bifenthrin	5.280		15.840	10.000	31.120
chlorantraniliprole	8.350			17.953	26.303
chlorine	6,268.500		19,551.750	746.250	26,566.500
chlorpyrifos	153.063	675.900		56.325	885.288
cyfluthrin				2.000	2.000
diazinon				180.000	180.000
emamectin benzoate	0.497		0.554	1.790	2.842
esfenvalerate	0.000			19.140	19.140
ethoprop	103.500				103.500
hexakis				6.000	6.000
hexazinone			960.000		960.000
lambda-cyhalothrin	16.640		2.080	14.560	33.280
methomyl	36.000		6.000	259.200	301.200
naled				525.000	525.000
paraquat dichloride	350.000	100.000	5.000	50.000	505.000
permethrin	4.600	51.200	2.300	73.000	131.100
s-metolachlor			19.100		19.100
sulfuryl fluoride		124.750	124.750		249.500
tefluthrin			3.000		3.000
zeta-cypermethrin	1.500			10.400	11.900
β-cyfluthrin	0.500				0.500

<u>June</u>	<u>Hawaii</u>	<u>Kauai</u>	<u>Maui</u>	<u>Oahu</u>	<u>State Total</u>
abamectin	8.400		0.150	7.800	16.350
alachlor				30.000	30.000
atrazine			6,945.750		6,945.750
bifenthrin	2.640		13.860	2.640	19.140
bromacil			38.400	806.400	844.800
chlorantraniliprole	6.680		0.418	11.690	18.788
chlorine	11,940.000	1,940.250	11,442.500	10,746.000	36,068.750
chlorpyrifos	290.550	50.060		140.813	481.423
diazinon			50.000	120.000	170.000
dichlofop-methyl				12.000	12.000
emamectin benzoate				0.775	0.775
esfenvalerate	0.660			34.320	34.980
ethoprop	205.500				205.500
fenpropathrin				19.200	19.200
hexakis	36.500				36.500
hexazinone			480.000		480.000
lambda-cyhalothrin	14.560			8.320	22.880
methomyl	18.000			297.600	315.600



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methyl bromide			2,160.000	2,160.000
naled			660.000	660.000
oxydemeton-methyl			10.000	10.000
paraquat dichloride	690.000	40.000	80.000	810.000
permethrin	11.500		63.000	74.500
simazine		10.000		10.000
sodium methyldithiocarbamate	234.300			234.300
zeta-cypermethrin	107.500		12.700	120.200

<b>July</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
1,3-dichloropropene				38,877.950	38,877.950
abamectin	1.400		0.150	6.425	7.975
alachlor			80.000	20.000	100.000
atrazine			2,044.500		2,044.500
bifenthrin	3.140		18.480		21.620
bromacil				38.400	38.400
chlorantraniliprole	4.175		2.923	18.370	25.468
chlorine	11,940.000		24,278.000	11,044.500	47,262.500
chlorpyrifos	133.650		93.875	131.425	358.950
diazinon				940.000	940.000
dichlofop-methyl				9.000	9.000
emamectin benzoate				6.225	6.225
esfenvalerate			7.920	25.740	33.660
ethoprop	31.500				31.500
fenpropathrin				2.400	2.400
hexakis	6.000			12.000	18.000
hexazinone			960.000		960.000
lambda-cyhalothrin	18.720			12.480	31.200
methomyl	6.000		60.000	132.000	198.000
naled				450.000	450.000
paraquat dichloride	400.000	110.000	5.000	150.000	665.000
permethrin			4.600	42.300	46.900
picloram	20.000				20.000
s-metolachlor			19.100	114.600	133.700
sodium methyldithiocarbamate	5,014.020				5,014.020
sulfuryl fluoride		249.500	124.750	623.750	998.000
zeta-cypermethrin			6.000	16.800	22.800
β-cyfluthrin				8.000	8.000

<b>August</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
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abamectin	2.100			4.025	6.125
alachlor				20.000	20.000
atrazine		20.000	5,001.250		5,021.250
bifenthrin		1.320			1.320
bromacil			38.400	1,612.800	1,651.200
chlorantraniliprole	8.350			46.760	55.110
chlorine	12,387.750	1,791.000	17,412.500	696.500	32,287.750
chlorpyrifos	70.325	56.325	84.488	140.813	351.950
cyfluthrin				6.000	6.000
diazinon				300.000	300.000
emamectin benzoate	0.163			1.654	1.817
esfenvalerate		1.980		31.680	33.660
fenpropathrin				4.800	4.800
hexakis	11.500			3.000	14.500
hexazinone			984.000		984.000
lambda-cyhalothrin	10.400			6.240	16.640
methomyl			6.000	246.000	252.000
naled				360.000	360.000
paraquat dichloride	985.000	40.000	220.000	545.000	1,790.000
permethrin				83.700	83.700
simazine			80.000		80.000
s-metolachlor		382.700			382.700
sulfuryl fluoride		249.500		998.000	1,247.500
zeta-cypermethrin				22.010	22.010
β-cyfluthrin	0.500				0.500

<b>September</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
1,3-dichloropropene			9,850.000		9,850.000
abamectin	1.400		0.150	1.925	3.475
alachlor			40.000	20.000	60.000
atrazine			4,009.000		4,009.000
bifenthrin	0.660		4.620	14.600	19.880
bromacil				76.800	76.800
chlorantraniliprole	5.010			33.400	38.410
chlorine	8,507.250		21,691.000	10,646.500	40,844.750
chlorpyrifos	70.325		18.775	28.163	117.263
diazinon				20.000	20.000
diflubenzuron				20.000	20.000
emamectin benzoate			0.070	0.980	1.051
esfenvalerate	0.660			36.300	36.960
ethoprop	121.500				121.500
fenpropathrin				2.400	2.400



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hexakis	7.000			12.000	19.000
hexazinone			480.000		480.000
lambda-cyhalothrin	27.040		2.080	10.400	39.520
methiocarb	10.500				10.500
methomyl				398.400	398.400
oxamyl				10.000	10.000
paraquat dichloride	790.000	185.000	15.000	600.000	1,590.000
permethrin				25.300	25.300
s-metolachlor		458.400		38.200	496.600
sodium methyldithiocarbamate	234.300			17,402.100	17,636.400
sulfuryl fluoride		124.750	249.500	249.500	623.750
zeta-cypermethrin				4.500	4.500
β-cyfluthrin	1.500				1.500
diphacinone	0.070				0.070

<b>October</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
1,3-dichloropropene				40,893.556	40,893.556
4-aminopyridine				5.000	5.000
abamectin	0.700		0.450		1.150
alachlor			180.000	20.000	200.000
atrazine		168.200	7,035.750	44.100	7,248.050
bifenthrin	3.960		28.380		32.340
bromacil			76.800		76.800
chlorantraniliprole	11.690		0.835	15.030	27.555
chlorine	10,895.250	1,194.000	20,447.250	6,467.500	39,004.000
chlorpyrifos	124.263	37.550		93.875	255.688
cyfluthrin				10.000	10.000
diazinon				20.000	20.000
dichlofop-methyl	3.000				3.000
emamectin benzoate			0.480		0.480
esfenvalerate		5.280		21.780	27.060
ethoprop	13.500				13.500
hexakis				18.000	18.000
hexazinone			936.000		936.000
imidacloprid	22.950				22.950
lambda-cyhalothrin	23.100	45.775	2.080	12.000	82.955
methomyl	12.000		24.000	183.600	219.600
naled				120.000	120.000
oxamyl				10.000	10.000
paraquat dichloride	520.000	100.000		560.000	1,180.000
permethrin		25.600		43.600	69.200
simazine			120.000		120.000



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s-metolachlor		524.600	191.000	229.200	944.800
sodium methyldithiocarbamate	937.200				937.200
sulfuryl fluoride				623.750	623.750
tefluthrin		18.000	3.000		21.000
zeta-cypermethrin	2.000	12.000		6.400	20.400
β-cyfluthrin		4.000		0.500	4.500

<b>November</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
4-aminopyridine				7.500	7.500
abamectin	0.700		0.150	2.100	2.950
atrazine		310.250	80.000		390.250
bifenthrin	11.220		5.280		16.500
bromacil			76.800		76.800
chlorantraniliprole	5.010		2.088	25.050	32.148
chlorine	10,298.250	1,194.000	20,148.750	248.750	31,889.750
chlorpyrifos	51.550		50.000	75.100	176.650
diazinon				740.000	740.000
diflubenzuron				20.000	20.000
emamectin benzoate			0.070	6.349	6.419
esfenvalerate				21.120	21.120
ethoprop	63.000				63.000
hexakis	18.000			6.000	24.000
hexazinone			960.000		960.000
lambda-cyhalothrin	18.720		2.080	16.160	36.960
methomyl				564.000	564.000
naled				60.000	60.000
paraquat dichloride	330.000	55.000		1,100.000	1,485.000
permethrin			2.300	51.800	54.100
simazine			150.000		150.000
s-metolachlor		152.800		171.900	324.700
sodium methyldithiocarbamate	234.300				234.300
tefluthrin			1.500		1.500
zeta-cypermethrin				3.950	3.950
β-cyfluthrin		6.000			6.000

<b>December</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State Total</b>
abamectin	4.200		0.175	3.050	7.425
aluminum phosphide			7.260		7.260
atrazine		154.350	2,184.500	20.000	2,358.850
bifenthrin	4.620		9.240		13.860





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bromacil			38.400		38.400
chlorantraniliprole	8.350	26.720	0.418	53.440	88.928
chlorine	13,731.000	149.250	17,114.000	-1,442.750	29,551.500
chlorpyrifos	138.875	75.090		37.550	251.515
cyfluthrin				32.000	32.000
emamectin benzoate				6.190	6.190
esfenvalerate			2.640	38.280	40.920
ethoprop	184.500				184.500
hexakis	1.500			12.000	13.500
hexazinone			504.000		504.000
lambda-cyhalothrin	22.880			34.880	57.760
magnesium phosphide			26.320		26.320
methomyl	6.000			397.200	403.200
methyl bromide				2,160.000	2,160.000
naled				180.000	180.000
paraquat dichloride	420.000	30.000	5.000	630.000	1,085.000
permethrin	11.500			40.900	52.400
picloram	40.000				40.000
simazine			20.000		20.000
s-metolachlor		597.600		152.800	750.400
sulfuryl fluoride		124.750		124.750	249.500
tefluthrin			1.500		1.500
zeta-cypermethrin			1.000	6.520	7.520
β-cyfluthrin	0.500	2.000		8.000	10.500
hydrogen cyanamide			64.500		64.500

<b>ANNUAL SUMMARY</b>	<b>Hawaii</b>	<b>Kauai</b>	<b>Maui</b>	<b>Oahu</b>	<b>State total</b>
1,3-dichloropropene			9,850.000	157,625.709	167,475.709
4-aminopyridine				25.000	25.000
abamectin	27.150		1.975	35.900	65.025
alachlor			340.000	170.000	510.000
aluminum phosphide			7.260		7.260
atrazine		876.900	56,111.500	64.100	57,052.500
bifenthrin	75.740	13.960	228.600	41.880	360.180
bromacil			113.520	2,572.800	2,686.320
chlorantraniliprole	75.150	60.120	10.438	321.893	467.600
chlorine	126,414.750	10,149.000	221,835.250	72,784.250	431,183.250
chlorpyrifos	1,745.550	1,232.865	297.203	1,436.288	4,711.906
cyfluthrin				74.000	74.000
dazomet		990.000			990.000
diazinon			90.000	3,280.000	3,370.000
dichlofop-methyl	3.000			33.000	36.000



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diflubenzuron				40.000	40.000
diphacinone	0.070				0.070
emamectin benzoate	1.177		2.791	32.602	36.570
esfenvalerate	2.640	12.540	10.560	353.760	379.500
ethoprop	1,122.000	90.000			1,212.000
fenpropathrin				28.800	28.800
hexakis	95.000			100.000	195.000
hexazinone			9,624.000		9,624.000
hydrogen cyanamide			246.132		246.132
imidacloprid	24.300				24.300
lambda-cyhalothrin	195.100	60.370	10.400	181.445	447.315
magnesium phosphide		26.320	52.640		78.960
methiocarb	16.500				16.500
methomyl	102.000		108.000	3,740.400	3,950.400
methyl bromide				6,480.000	6,480.000
naled				3,690.000	3,690.000
oxamyl	120.000		20.000	940.000	1,080.000
oxydemeton-methyl				20.000	20.000
paraquat dichloride	6,245.000	830.000	300.000	4,855.000	12,230.000
permethrin	39.100	128.000	25.300	576.300	768.700
picloram	60.000				60.000
simazine		10.000	450.000	120.000	580.000
s-metolachlor		3,706.900	420.200	859.500	4,986.600
sodium methyldithiocarbamate	8,294.220			102,069.600	110,363.820
sulfuryl fluoride		1,247.500	1,122.750	3,742.500	6,112.750
tefluthrin		30.000	10.500		40.500
zeta-cypermethrin	115.500	18.000	7.000	147.065	287.565
β-cyfluthrin	3.000	16.000		20.500	39.500
					832,033.730