

SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2017  
(Reported by Pounds of Active Ingredient, by County)\*

January	HAWAII	KAUAI	MAUI	OAHU	All counties
1,3-dichloropropene				41,295.04	41,295.04
abamectin	1.75		0.33	1.75	3.83
atrazine			110.13		110.13
bifenthrin	12.54		5.28		17.82
bromacil			326.40	3.20	329.60
chlorantraniliprole	10.02	6.68	0.84	13.36	30.90
chlorine	9,104.25	1,343.25	13,432.50	4,278.50	28,158.50
chlorpyrifos	116.50	9.39			125.89
cyfluthrin				4.00	4.00
diazinon			80.00		80.00
emamectin benzoate	0.07		1.19	2.12	3.37
esfenvalerate			39.60	41.58	81.18
ethoprop	246.00				246.00
lambda-cyhalothrin	31.86		2.08	16.64	50.58
mesotrione			18.68		18.68
methiocarb	1.50				1.50
methomyl		12.00	30.00	186.00	228.00
methyl bromide				8,640.00	8,640.00
methylothiocyanate				57.90	57.90
naled				180.00	180.00
oxamyl			5.00		5.00
paraquat dichloride	585.00			65.00	650.00
permethrin		25.60	192.00	43.70	261.30
simazine				20.00	20.00
s-metolachlor			186.75		186.75
sulfuryl fluoride		124.75	124.75	124.75	374.25
zeta-cypermethrin		12.00		14.30	26.30
β-cyfluthrin		4.00			4.00
<b>January Total</b>	<b>10,109.49</b>	<b>1,537.67</b>	<b>14,555.51</b>	<b>54,987.84</b>	<b>81,190.50</b>

\* Excludes sales for structural pest control pursuant to exception under Section 149A-31.2(a), HRS

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(Reported by Pounds of Active Ingredient, by County)\*

February	HAWAII	KAUAI	MAUI	OAHU	All counties
abamectin			0.15	1.15	1.30
aluminum phosphide				29.70	29.70
bifenthrin	2.64		5.28	33.55	41.47
bromacil			96.00	12.80	108.80
chlordantraniliprole				10.02	10.02
chlorine	11,790.75	1,194.00	12,089.25	4,228.75	29,302.75
chlorpyrifos	122.10	65.71			187.81
cyfluthrin				20.00	20.00
diazinon			20.00		20.00
emamectin benzoate			0.56	4.93	5.49
esfenvalerate		10.56		60.06	70.62
ethoprop	45.00				45.00
hexakis	12.00				12.00
imidacloprid				5.10	5.10
lambda-cyhalothrin	23.54		2.08	33.28	58.90
methomyl	12.00	96.00	24.00	168.00	300.00
methylisothiocyanate				158.20	158.20
naled				247.50	247.50
paraquat dichloride	625.00		5.00	10.00	640.00
permethrin				2.30	2.30
picloram	20.00				20.00
simazine				20.00	20.00
s-metolachlor		191.00			191.00
sulfuryl fluoride		124.75		124.75	249.50
zeta-cypermethrin				11.90	11.90
<b>February Total</b>	<b>12,653.03</b>	<b>1,682.02</b>	<b>12,242.32</b>	<b>5,181.99</b>	<b>31,759.36</b>

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March	HAWAII	KAUAI	MAUI	OAHU	All counties
1,3-dichloropropene				41,546.97	41,546.97
abamectin	2.80		0.70	3.58	7.08
atrazine		60.00	252.50		312.50
bifenthrin			2.64	30.00	32.64
bromacil			101.82	1,923.20	2,025.02
chlorantraniliprole	3.34		0.42	31.73	35.49
chlorine	12,984.75	895.50	18,805.50	4,079.50	36,765.25
chlorpyrifos	65.08			28.16	93.24
cyfluthrin				18.00	18.00
diazinon				360.00	360.00
emamectin benzoate			0.79	12.74	13.53
esfenvalerate				57.42	57.42
ethoprop	52.50				52.50
hexakis	2.50				2.50
imidacloprid			10.21		10.21
lambda-cyhalothrin	56.16		2.08	49.92	108.16
methomyl	18.00		18.00	1,081.20	1,117.20
methylisothiocyanate				238.04	238.04
naled				480.00	480.00
paraquat dichloride	280.00	150.00	5.00	80.00	515.00
permethrin	2.30			106.40	108.70
s-metolachlor		152.80	180.00		332.80
sodium methylthiocarbamate				33,867.00	33,867.00
sulfuryl fluoride		374.25	374.25		748.50
zeta-cypermethrin			2.00	14.10	16.10
<b>March Total</b>	<b>13,467.43</b>	<b>1,632.55</b>	<b>19,755.90</b>	<b>84,007.95</b>	<b>118,863.82</b>

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April	HAWAII	KAUAI	MAUI	OAHU	All counties
abamectin			0.53	0.88	1.40
atrazine		180.00	20.00	23.38	223.38
bifenthrin	1.45		2.64		4.09
bromacil			192.00	6.40	198.40
chlorantraniliprole	10.86		0.42	12.53	23.80
chlorine	11,641.50	1,791.00	12,238.50		25,671.00
chlorpyrifos	44.55		18.78		63.33
diazinon				100.00	100.00
diflubenzuron				0.25	0.25
emamectin benzoate			0.07	7.81	7.88
esfenvalerate				51.48	51.48
fenpropathrin				2.40	2.40
hexakis				6.00	6.00
imidacloprid	2.55				2.55
lambda-cyhalothrin	33.29			45.77	79.05
mesotrine		43.20		6.23	49.43
methiocarb				1.50	1.50
methomyl			24.00	142.80	166.80
methylothiocyanate				519.05	519.05
naled				240.00	240.00
oxamyl			5.00		5.00
paraquat dichloride	410.00	110.00	5.00	25.00	550.00
permethrin	4.60	12.80		23.00	40.40
s-metolachlor		385.20	229.20	62.25	676.65
sulfuryl fluoride			124.75	124.75	249.50
tefluthrin				1.69	1.69
zeta-cypermethrin	0.50			11.10	11.60
β-cyfluthrin				1.00	1.00
<b>April Total</b>	<b>12,149.30</b>	<b>2,522.20</b>	<b>12,860.88</b>	<b>1,415.24</b>	<b>28,947.61</b>

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May	HAWAII	KAUAI	MAUI	OAHU	All counties
4-aminopyridine				5.00	5.00
abamectin	2.80			23.00	25.80
atrazine		98.13		9.68	107.80
bifenthrin	5.94			4.00	9.94
bromacil			96.00	153.60	249.60
chlorantraniliprole	13.36		0.42	15.03	28.81
chlorine	10,298.25	895.50	20,944.75		32,138.50
chlorpyrifos	157.20	75.09		18.78	251.07
cyfluthrin			4.00	2.00	6.00
diazinon			60.00	720.00	780.00
emamectin benzoate	0.42		0.06	2.82	3.30
esfenvalerate		1.32		31.02	32.34
ethoprop	31.50				31.50
hexakis	6.00			6.00	12.00
lambda-cyhalothrin	14.56	3.87		2.08	20.51
mesotrine		3.74		2.45	6.18
methomyl	12.00			96.00	108.00
methylisothiocyanate				525.98	525.98
naled			7.50	277.50	285.00
paraquat dichloride	740.00	130.00	5.00	45.00	920.00
permethrin				2.30	2.30
s-metolachlor		37.35		23.15	60.50
sodium methylthiocarbamate	937.20				937.20
sulfuryl fluoride		124.75	124.75	499.00	748.50
tefluthrin			27.00		27.00
zeta-cypermethrin		12.00		1.50	13.50
<b>May Total</b>	<b>12,219.23</b>	<b>1,381.74</b>	<b>21,269.48</b>	<b>2,465.87</b>	<b>37,336.32</b>

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June	HAWAII	KAUAI	MAUI	OAHU	All counties
1,3-dichloropropene				41,204.10	41,204.10
abamectin	1.40		0.18	1.05	2.63
atrazine		20.00		88.20	108.20
bifenthrin	5.28		6.60		11.88
bromacil			288.00	118.40	406.40
chlorantraniliprole	11.69			6.68	18.37
chlorine	11,790.75	895.50	39,451.75	7,960.00	60,098.00
chlorpyrifos	300.40				300.40
emamectin benzoate			0.14		0.14
esfenvalerate		2.64		9.24	11.88
ethoprop	43.50				43.50
hexakis				12.00	12.00
lambda-cyhalothrin	22.89			2.08	24.97
methomyl	18.00	12.00	12.00	96.00	138.00
methylisothiocyanate				440.94	440.94
naled			7.50	360.00	367.50
paraquat dichloride	590.00	240.00	40.00	75.00	945.00
permethrin			2.30	29.90	32.20
picloram	5.00				5.00
s-metolachlor		229.20			229.20
sulfuryl fluoride				374.25	374.25
tefluthrin		12.00			12.00
zeta-cypermethrin		6.40		6.40	12.80
<b>June Total</b>	<b>12,788.91</b>	<b>1,417.74</b>	<b>39,808.47</b>	<b>50,784.24</b>	<b>104,799.35</b>

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<b>July</b>	<b>HAWAII</b>	<b>KAUAI</b>	<b>MAUI</b>	<b>OAHU</b>	<b>All counties</b>
1,3-dichloropropene				41,232.10	41,232.10
abamectin	2.10		0.18	2.55	4.83
atrazine			91.53	91.53	183.05
bifenthrin			23.12	1.32	24.44
chlorantraniliprole	10.86		0.42	15.03	26.30
chlorine	11,939.65	1,044.75			12,984.40
chlorpyrifos	192.13			75.10	267.23
cyfluthrin			2.00	2.00	4.00
diazinon			35.00	60.00	95.00
emamectin benzoate	0.14		0.14	1.62	1.90
esfenvalerate				21.12	21.12
ethoprop	13.50				13.50
hexakis	18.00				18.00
imidacloprid			25.52		25.52
lambda-cyhalothrin	6.49			8.32	14.81
mesotrine			3.74	3.74	7.47
methomyl	12.00		12.00	108.00	132.00
methylisothiocyanate				417.47	417.47
naled				120.00	120.00
paraquat dichloride	909.00	460.00	35.00	560.00	1,964.00
permethrin			2.30	46.00	48.30
s-metolachlor		38.20	116.45	97.35	252.00
sulfuryl fluoride		249.50	124.75		374.25
zeta-cypermethrin			5.00	15.40	20.40
<b>July Total</b>	<b>13,103.86</b>	<b>1,792.45</b>	<b>477.13</b>	<b>42,878.64</b>	<b>58,252.08</b>

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August	HAWAII	KAUAI	MAUI	OAHU	All counties
abamectin	3.50			0.53	4.03
atrazine		60.00		18.70	78.70
bifenthrin	2.64	2.00	21.94	42.00	68.58
bromacil			192.00	2,092.80	2,284.80
chlorantraniliprole	13.36			51.77	65.13
chlorine	9,552.00	1,044.75			10,596.75
chlorpyrifos	70.33		37.55	9.39	117.26
cyfluthrin			6.00	22.00	28.00
diazinon			37.50	20.00	57.50
diflubenzuron				20.00	20.00
diphacinone				111.13	111.13
emamectin benzoate			0.48	3.02	3.50
esfenvalerate				21.12	21.12
ethoprop	9.00				9.00
hexakis	12.00			12.00	24.00
lambda-cyhalothrin	33.28			14.24	47.52
mesotrine			4.98		4.98
methiocarb	1.50				1.50
methomyl	36.00		12.00	584.40	632.40
methylisothiocyanate				217.52	217.52
naled				120.00	120.00
paraquat dichloride	1,005.00	250.00	10.00	90.00	1,355.00
permethrin			2.30	85.10	87.40
picloram	40.00				40.00
s-metolachlor		38.20	49.80		88.00
sulfuryl fluoride		124.75	124.75		249.50
zeta-cypermethrin		3.20		14.10	17.30
<b>August Total</b>	<b>10,778.61</b>	<b>1,522.90</b>	<b>499.30</b>	<b>3,549.81</b>	<b>16,350.62</b>

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September	HAWAII	KAUAI	MAUI	OAHU	All counties
abamectin	3.50			1.40	4.90
atrazine		40.00			40.00
bifenthrin	3.57		4.62	16.00	24.19
bromacil			192.00		192.00
chlorantraniliprole	19.21	10.86	0.42	41.75	72.23
chlorine	10,596.75	1,044.75			11,641.50
chlorpyrifos	138.43	37.55		18.78	194.75
cyfluthrin				34.00	34.00
diazinon			60.00		60.00
diphacinone	133.75				133.75
emamectin benzoate			0.07	5.63	5.70
esfenvalerate		21.12		25.08	46.20
hexakis				18.00	18.00
imidacloprid	5.10				5.10
lambda-cyhalothrin	22.89	12.34		10.08	45.31
methomyl		24.00	66.00	636.30	726.30
methylisothiocyanate				209.95	209.95
naled			7.50	270.00	277.50
oxamyl				460.00	460.00
paraquat dichloride	590.00	110.00	5.00	610.00	1,315.00
permethrin	16.10	38.40		18.40	72.90
pronamide		16.50			16.50
sodium methylthiocarbamate				16,933.50	16,933.50
sulfuryl fluoride		249.50	124.75		374.25
zeta-cypermethrin	1.00	6.00		9.20	16.20
β-cyfluthrin		16.00			16.00
<b>September Total</b>	<b>11,530.29</b>	<b>1,627.01</b>	<b>460.36</b>	<b>19,318.07</b>	<b>32,935.72</b>

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October	HAWAII	KAUAI	MAUI	OAHU	All counties
1,3-dichloropropene				41,025.25	41,025.25
abamectin	2.10			1.93	4.03
atrazine		261.40			261.40
bifenthrin	16.90	12.54	70.34	12.00	111.78
chlorantraniliprole	8.35		0.42	11.69	20.46
chlorine	7,462.50		149.25	-149.25	7,462.50
chlorpyrifos	114.59	37.55	37.55	56.33	246.01
diazinon				360.00	360.00
emamectin benzoate	0.01		1.27	2.12	3.39
esfenvalerate				16.50	16.50
hexakis	3.50			12.00	15.50
imidacloprid	7.66		29.35		37.00
lambda-cyhalothrin	10.40		9.34	8.54	28.28
magnesium phosphide	26.32				26.32
mesotrine		1.20			1.20
methomyl	18.00	12.00	42.00	142.80	214.80
methylisothiocyanate				160.00	160.00
naled			15.00	247.50	262.50
oxamyl				480.00	480.00
paraquat dichloride	705.00	70.00		95.00	870.00
permethrin				13.80	13.80
s-metolachlor		163.50			163.50
sodium methyldithiocarbamate	234.30			16,933.50	17,167.80
sulfuryl fluoride		374.25		124.75	499.00
tefluthrin		15.00			15.00
zeta-cypermethrin	1.50		5.75	14.00	21.25
β-cyfluthrin				0.50	0.50
<b>October Total</b>	<b>8,611.12</b>	<b>947.44</b>	<b>360.26</b>	<b>59,568.94</b>	<b>69,487.77</b>

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<b>November</b>	<b>HAWAII</b>	<b>KAUAI</b>	<b>MAUI</b>	<b>OAHU</b>	<b>All counties</b>
abamectin	5.60			2.43	8.03
atrazine		163.05			163.05
bifenthrin	68.19		17.32	16.66	102.17
bromacil				25.60	25.60
chlorantraniliprole	3.34	12.53		18.37	34.24
chlorine	7,910.25	1,791.00	895.50		10,596.75
chlorpyrifos	108.26			18.78	127.04
cyfluthrin				30.00	30.00
emamectin benzoate				3.52	3.52
esfenvalerate		19.80		12.54	32.34
hexakis				12.00	12.00
imidacloprid	5.10				5.10
lambda-cyhalothrin	4.16	6.26		10.40	20.82
magnesium phosphide	26.32				26.32
mesotrine		11.07			11.07
methomyl		120.00	6.00	66.00	192.00
methylisothiocyanate				370.85	370.85
naled				240.00	240.00
oxamyl				240.00	240.00
paraquat dichloride	780.00	60.00	80.00	210.00	1,130.00
permethrin		25.60	2.30	2.30	30.20
s-metolachlor		679.80			679.80
zeta-cypermethrin	16.00	36.80		3.00	55.80
<b>November Total</b>	<b>8,927.22</b>	<b>2,925.90</b>	<b>1,001.12</b>	<b>1,282.44</b>	<b>14,136.69</b>

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December	HAWAII	KAUAI	MAUI	OAHU	All counties
abamectin	2.80		0.35	3.68	6.83
atrazine		95.00		15.00	110.00
bifenthrin	8.46		33.70	68.75	110.91
bromacil				4.80	4.80
chlorantraniliprole	3.34	4.18		45.09	52.61
chlorine	11,641.50	3,432.75	1,044.75		16,119.00
chlorpyrifos	415.50	150.19		75.10	640.79
cyfluthrin		8.00		16.00	24.00
emamectin benzoate				11.96	11.96
esfenvalerate		5.94		37.62	43.56
hexakis				12.00	12.00
imidacloprid	10.21		51.04	2.55	63.80
lambda-cyhalothrin	16.64	5.96		6.24	28.84
mesotrine		3.60		3.60	7.20
methomyl	24.00	264.00		1,014.90	1,302.90
methylisothiocyanate				318.59	318.59
naled				225.00	225.00
oxamyl			5.00	685.00	690.00
paraquat dichloride	440.00	90.00	100.00	1,610.00	2,240.00
permethrin	2.30	12.80	3.20		18.30
s-metolachlor		299.50		89.40	388.90
sodium methyldithiocarbamate				67,734.00	67,734.00
sulfuryl fluoride		124.75	124.75		249.50
zeta-cypermethrin	2.00	12.00	10.00	10.10	34.10
β-cyfluthrin				1.00	1.00
<b>December Total</b>	<b>12,566.74</b>	<b>4,508.66</b>	<b>1,372.79</b>	<b>71,990.37</b>	<b>90,438.57</b>

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2017 Total, ALL RUPS	HAWAII	KAUAI	MAUI	OAHU	All counties
1,3-dichloropropene				206,303.45	206,303.45
4-aminopyridine				5.00	5.00
abamectin	28.35		2.40	43.90	74.65
aluminum phosphide				29.70	29.70
atrazine		977.58	492.85	227.78	1,698.20
bifenthrin	127.61	14.54	199.30	224.28	565.73
bromacil			1,478.40	4,340.80	5,819.20
chlorantraniliprole	107.72	34.24	3.34	273.05	418.34
chlorine	126,712.90	15,372.75	119,051.75	20,397.50	281,534.90
chlorpyrifos	1,845.05	375.48	93.88	300.40	2,614.80
cyfluthrin		8.00	12.00	148.00	168.00
diazinon			292.50	1,620.00	1,912.50
diflubenzuron				20.25	20.25
diphacinone	133.75			111.13	244.88
emamectin benzoate	0.64		4.76	58.27	63.68
esfenvalerate		61.38	39.60	384.78	485.76
ethoprop	441.00				441.00
fenpropathrin				2.40	2.40
hexakis	54.00			90.00	144.00
imidacloprid	30.62		116.12	7.66	154.40
lambda-cyhalothrin	276.14	28.42	15.58	207.59	527.73
magnesium phosphide	52.64				52.64
mesotrine		62.81	27.39	16.01	106.20
methiocarb	3.00			1.50	4.50
methomyl	150.00	540.00	246.00	4,322.40	5,258.40
methyl bromide				8,640.00	8,640.00
methylisothiocyanate				3,634.48	3,634.48
naled			37.50	3,007.50	3,045.00
oxamyl			15.00	1,865.00	1,880.00
paraquat dichloride	7,659.00	1,670.00	290.00	3,475.00	13,094.00
permethrin	25.30	115.20	204.40	373.20	718.10
picloram	65.00				65.00
pronamide		16.50			16.50
simazine				40.00	40.00
s-metolachlor		2,214.75	762.20	272.15	3,249.10
sodium methyldithiocarbamate	1,171.50			135,468.00	136,639.50
sulfuryl fluoride		1,871.25	1,247.50	1,372.25	4,491.00
tefluthrin		27.00	27.00	1.69	55.69
zeta-cypermethrin	21.00	88.40	22.75	125.10	257.25
β-cyfluthrin		20.00		2.50	22.50
<b>Grand Total</b>	<b>138,905.22</b>	<b>23,498.28</b>	<b>124,682.21</b>	<b>397,412.70</b>	<b>684,498.41</b>

\* Excludes sales for structural pest control pursuant to exception under Section 149A-31.2(a), HRS