



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

January	Hawaii	Kauai	Maui	Oahu	Grand Total
1,3-dichloropropene				38,740.0500	38,740.0500
abamectin	0.7000		0.3000	0.1750	1.1750
alachlor				30.0000	30.0000
bifenthrin	8.5800		3.3000		11.8800
bromacil	42,853.0000		38.4000	806.4000	844.8000
chlorantraniliprole	3.3400			26.7200	30.0600
chlorine	10,149.0000	895.5000	24,278.0000	348.2500	35,670.7500
chlorpyrifos	327.4000	93.8750		122.0375	543.3125
diazinon			40.0000		40.0000
emamectin benzoate	0.2109			0.7030	0.9139
esfenvalerate				33.6600	33.6600
ethoprop	13.5000				13.5000
hexakis	7.0000			12.0000	19.0000
lambda-cyhalothrin	31.2000			10.4000	41.6000
methomyl	18.0000		6.0000	1,053.0000	1,077.0000
methylisothiocyanate				0.0000	0.0000
naled				270.0000	270.0000
oxamyl				10.0000	10.0000
paraquat dichloride	385.0000	20.0000	15.0000	55.0000	475.0000
permethrin			2.3000	23.4000	25.7000
simazine				40.0000	40.0000
s-metolachlor			764.0000	38.2000	802.2000
sodium methyldithiocarbamate	234.3000				234.3000
zeta-cypermethrin				11.1500	11.1500
January Total	11,178.2309	1,009.3750	25,147.3000	41,631.1455	78,966.0514

February	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin	6.3000		0.1500	1.0500	7.5000
alachlor				20.0000	20.0000
bifenthrin	4.6200		14.5200	9.3200	28.4600
bromacil			38.4000		38.4000
chlorantraniliprole	6.6800		6.6800	15.0300	28.3900
chlorine	10,149.0000	1,044.7500	14,974.7500	447.7500	26,616.2500
chlorpyrifos	176.8250	37.5500		52.5700	266.9450
cyfluthrin				6.0000	6.0000
emamectin benzoate				9.6763	9.6763
esfenvalerate				54.7800	54.7800
hexakis				12.0000	12.0000
lambda-cyhalothrin	8.7600	2.0850	2.0800	28.8000	41.7250
methomyl	12.0000			1,351.2000	1,363.2000
methylisothiocyanate				0.0000	0.0000
naled				240.0000	240.0000
paraquat dichloride	330.0000	20.0000		510.0000	860.0000
permethrin		25.6000		40.9000	66.5000



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

simazine				20.0000	20.0000
s-metolachlor		76.4000			76.4000
sodium methyldithiocarbamate				16,933.5000	16,933.5000
zeta-cypermethrin	1.5000			13.8500	15.3500
β-cyfluthrin		12.0000		0.5000	12.5000
February Total	10,695.6850	1,218.3850	15,036.5800	19,766.9263	46,717.5763

March	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin	2.1000		0.1500	2.6250	4.8750
alachlor				40.0000	40.0000
atrazine		60.0000			60.0000
bifenthrin	16.5000		1.3200	32.0000	49.8200
bromacil			76.8000	921.6000	998.4000
chlorantraniliprole	8.3500		20.0400	50.1000	78.4900
chlorine	13,581.7500	895.5000	21,840.2500	447.7500	36,765.2500
chlorpyrifos	233.5875			18.7750	252.3625
cyfluthrin				52.0000	52.0000
diazinon			20.0000	80.0000	100.0000
emamectin benzoate			0.3630	7.7363	8.0993
esfenvalerate				62.7000	62.7000
ethoprop	9.0000				9.0000
hexakis	6.0000				6.0000
lambda-cyhalothrin	13.3600		2.0800	22.5600	38.0000
methiocarb				1.5000	1.5000
methomyl		36.0000	18.0000	726.0000	780.0000
methylisothiocyanate				0.0000	0.0000
naled				240.0000	240.0000
paraquat dichloride	535.0000	40.0000		515.0000	1,090.0000
permethrin			4.6000	46.0000	50.6000
simazine				60.0000	60.0000
s-metolachlor		49.8000			49.8000
sodium methyldithiocarbamate	234.3000			16,933.5000	17,167.8000
sulfuryl fluoride		124.7500			124.7500
zeta-cypermethrin	2.5000			9.2000	11.7000
March Total	14,642.4475	1,206.0500	21,983.6030	20,269.0463	58,101.1468

April	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin	1.4000		0.1500	1.2250	2.7750
alachlor				70.0000	70.0000
atrazine				40.0000	40.0000
bifenthrin	5.2800	10.0000	7.9200	8.0000	31.2000
bromacil				12.8000	12.8000
chlorantraniliprole	11.6900			26.7200	38.4100
chlorine	14,925.0000	1,194.0000	17,860.2500	547.2500	34,526.5000
chlorpyrifos	90.3250	112.6500		63.8350	266.8100



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

diazinon			20.0000	120.0000	140.0000
emamectin benzoate	0.1406		0.2400	0.7750	1.1556
esfenvalerate				40.9200	40.9200
ethoprop	99.0000				99.0000
hexakis	15.5000			12.0000	27.5000
lambda-cyhalothrin	22.8800			8.3200	31.2000
methomyl				2,184.0000	2,184.0000
naled				90.0000	90.0000
paraquat dichloride	560.0000	50.0000		560.0000	1,170.0000
permethrin	4.6000			32.2000	36.8000
simazine			40.0000	40.0000	80.0000
s-metolachlor			38.2000	91.6800	129.8800
tefluthrin		12.0000			12.0000
zeta-cypermethrin		6.0000		9.6000	15.6000
β-cyfluthrin				4.0000	4.0000
April Total	15,735.8156	1,384.6500	17,966.7600	3,963.3250	39,050.5506

May	Hawaii	Kauai	Maui	Oahu	Grand Total
1,3-dichloropropene				41,198.4130	41,198.4130
abamectin	2.1000			0.4500	2.5500
atrazine		20.0000	80.0000	20.0000	120.0000
bifenthrin			9.2400		9.2400
bromacil			38.4000	25.6000	64.0000
chlorantraniliprole	15.0300			184.9525	199.9825
chlorine	6,716.2500	895.5000	19,104.0000	248.7500	26,964.5000
chlorpyrifos	241.1375			18.7750	259.9125
cyfluthrin				2.0000	2.0000
dazomet		742.5000			742.5000
diazinon				880.0000	880.0000
diflubenzuron				10.0000	10.0000
emamectin benzoate			0.0703	1.6191	1.6894
esfenvalerate				28.3800	28.3800
hexakis				18.0000	18.0000
hexazinone			24.0000		24.0000
lambda-cyhalothrin	33.2800	4.1700		24.4800	61.9300
methomyl				333.6000	333.6000
methylisothiocyanate				0.0000	0.0000
naled			52.5000	360.0000	412.5000
paraquat dichloride	510.0000	80.0000	5.0000	500.0000	1,095.0000
permethrin	2.3000		2.3000	62.9000	67.5000
simazine				40.0000	40.0000
s-metolachlor			19.1000		19.1000
zeta-cypermethrin		6.0000		10.9000	16.9000
β-cyfluthrin				4.0000	4.0000
May Total	7,520.0975	1,748.1700	19,334.6103	43,972.8196	72,575.6974



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

June	Hawaii	Kauai	Maui	Oahu	Grand Total
1,3-dichloropropene			11,820.0000		11,820.0000
abamectin	2.1000		0.3000	2.1000	4.5000
bifenthrin	0.6600	10.0000	11.8800	8.0000	30.5400
bromacil			38.4000		38.4000
chlorantraniliprole	6.6800		14.1950	83.5000	104.3750
chlorine	12,238.5000	1,044.7500	25,969.5000	547.2500	39,800.0000
chlorpyrifos	199.3625			28.1625	227.5250
cyfluthrin			8.0000		8.0000
diazinon			40.0000	100.0000	140.0000
diflubenzuron				10.0000	10.0000
emamectin benzoate	0.2810		0.0703	9.8475	10.1988
esfenvalerate			5.2800	27.0600	32.3400
ethoprop	4.5000				4.5000
hexakis				18.0000	18.0000
hexazinone			24.0000	144.0000	168.0000
lambda-cyhalothrin	4.1600		8.3200	22.5600	35.0400
methomyl			18.0000	276.0000	294.0000
methyl bromide				2,160.0000	2,160.0000
methylisothiocyanate				0.0000	0.0000
naled				120.0000	120.0000
oxydemeton-methyl				30.0000	30.0000
paraquat dichloride	280.0000	450.0000	5.0000	645.0000	1,380.0000
permethrin			64.0000	78.5000	142.5000
simazine				20.0000	20.0000
s-metolachlor		496.6000	76.4000	38.2000	611.2000
sodium methyldithiocarbamate	234.3000				234.3000
sulfuryl fluoride		124.7500			124.7500
tefluthrin		7.5000			7.5000
zeta-cypermethrin			18.0000	15.7000	33.7000
β-cyfluthrin	0.5000			4.0000	4.5000
June Total	12,971.0435	2,133.6000	38,121.3453	4,387.8800	57,613.8688

July	Hawaii	Kauai	Maui	Oahu	Grand Total
1,3-dichloropropene				41,335.4265	41,335.4265
abamectin	0.7000		0.3000	0.7000	1.7000
alachlor				80.0000	80.0000
atrazine		40.0000			40.0000
bifenthrin	1.3200		18.4800	72.0000	91.8000
bromacil			38.4000	940.8000	979.2000
chlorantraniliprole	6.6800	6.6800	0.4175	28.3900	42.1675
chlorine	11,343.0000	895.5000	18,805.5000	169.1500	31,213.1500
chlorpyrifos	174.2250			56.3250	230.5500
cyfluthrin			2.0000	6.0000	8.0000



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

emamectin benzoate	0.1758		0.9600	0.7050	1.8408
esfenvalerate	0.6600			39.6000	40.2600
fenpropathrin				28.8000	28.8000
hexakis	24.0000			14.0000	38.0000
lambda-cyhalothrin	49.9200	2.0850	2.0800	6.2400	60.3250
methomyl	6.0000		6.0000	108.0000	120.0000
methylisothiocyanate				0.0000	0.0000
naled				240.0000	240.0000
paraquat dichloride	450.0000	80.0000	50.0000	1,080.0000	1,660.0000
permethrin				25.3000	25.3000
simazine				60.0000	60.0000
s-metolachlor		38.2000			38.2000
sodium methyldithiocarbamate	234.3000				234.3000
sulfuryl fluoride		0.0000			0.0000
zeta-cypermethrin				6.4500	6.4500
β-cyfluthrin				6.0000	6.0000
July Total	12,290.9808	1,062.4650	18,924.1375	44,303.8865	76,581.4698

August	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin				3.6500	3.6500
atrazine			40.0000	44.1000	84.1000
bifenthrin	50.5600		1.9800	0.6600	53.2000
bromacil			38.4000		38.4000
chlorantraniliprole	3.3400		0.4175	23.3800	27.1375
chlorine	12,686.2500	895.5000	22,636.2500	348.2500	36,566.2500
chlorpyrifos	67.2000	37.5500		9.3875	114.1375
cyfluthrin				36.0000	36.0000
diazinon			20.0000	40.0000	60.0000
diflubenzuron				10.0000	10.0000
emamectin benzoate			0.7509	2.1500	2.9009
esfenvalerate				20.4600	20.4600
hexakis	6.0000				6.0000
lambda-cyhalothrin	35.3600			32.3200	67.6800
methomyl	12.0000		6.0000	256.8000	274.8000
methylisothiocyanate				0.0000	0.0000
naled				330.0000	330.0000
paraquat dichloride	455.0000	130.0000	60.0000	860.0000	1,505.0000
permethrin				43.7000	43.7000
picloram	20.0000				20.0000
simazine			40.0000		40.0000
s-metolachlor			49.8000		49.8000
tefluthrin			9.0000		9.0000
zeta-cypermethrin				22.5000	22.5000
August Total	13,335.7100	1,063.0500	22,902.5984	2,083.3575	39,384.7159



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

September	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin	1.4000		0.1500	0.8750	2.4250
bifenthrin	20.5600			24.0000	44.5600
bromacil				0.0000	0.0000
chlorantraniliprole	11.6900	13.3600		15.0300	40.0800
chlorine	10,596.7500	1,044.7500	18,656.2500	99.5000	30,397.2500
chlorpyrifos	211.2000	225.3000		37.5500	474.0500
cyfluthrin			2.0000	16.0000	18.0000
diazinon			40.0000		40.0000
diflubenzuron				10.0000	10.0000
emamectin benzoate			0.0703	6.9707	7.0410
esfenvalerate		10.5600		13.2000	23.7600
ethoprop	36.0000				36.0000
hexakis	16.0000			18.0000	34.0000
lambda-cyhalothrin	10.4000			12.0000	22.4000
methomyl			12.0000	288.0000	300.0000
methyl bromide				2,160.0000	2,160.0000
methylisothiocyanate				0.0000	0.0000
naled				165.0000	165.0000
paraquat dichloride	575.0000	310.0000	240.0000	110.0000	1,235.0000
permethrin	6.9000	38.4000		27.1000	72.4000
picloram				5.0000	5.0000
simazine				20.0000	20.0000
zeta-cypermethrin		1.6000		9.3000	10.9000
September Total	11,485.9000	1,643.9700	18,950.4703	3,037.5257	35,117.8660

October	Hawaii	Kauai	Maui	Oahu	Grand Total
1,3-dichloropropene				41,068.1960	41,068.1960
abamectin			0.4500	2.5250	2.9750
atrazine		40.0000	77.5000		117.5000
bifenthrin	0.6600		1.9800	9.9800	12.6200
bromacil			76.8000	67.2000	144.0000
chlorantraniliprole	8.3500		0.4175	30.0600	38.8275
chlorine	14,029.5000	895.5000	24,327.7500	248.7500	39,501.5000
chlorpyrifos	76.2125		37.5500		113.7625
cyfluthrin			2.0000	2.0000	4.0000
diazinon			40.0000		40.0000
emamectin benzoate			0.1406	2.1150	2.2556
esfenvalerate				19.1400	19.1400
ethoprop	4.5000	30.0000			34.5000
hexakis				12.0000	12.0000
hexazinone			24.0000		24.0000
lambda-cyhalothrin	13.3600	4.1600		6.2400	23.7600
methomyl		48.0000	36.0000	180.0000	264.0000
methylisothiocyanate				0.0000	0.0000



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

naled				180.0000	180.0000
oxamyl			0.0000		0.0000
paraquat dichloride	485.0000	80.0000	605.0000	25.0000	1,195.0000
permethrin		12.8000	4.6000	36.7000	54.1000
picloram	5.0000				5.0000
simazine			40.0000		40.0000
s-metolachlor		305.6000	12.4500	161.8500	479.9000
sulfuryl fluoride		124.7500			124.7500
zeta-cypermethrin				3.2000	3.2000
propargite			32.7500		32.7500
October Total	14,622.5825	1,540.8100	25,319.3881	42,054.9560	83,537.7366

November	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin	2.1000		0.3500	0.7000	3.1500
bifenthrin	42.2400		5.2800	2.6400	50.1600
bromacil			76.8000	870.4000	947.2000
chlorantraniliprole	10.0200			25.0500	35.0700
chlorine	11,940.0000	1,940.2500	20,049.2500	298.5000	34,228.0000
chlorpyrifos	83.1875			37.5500	120.7375
cyfluthrin			2.0000	4.0000	6.0000
diazinon			10.0000		10.0000
emamectin benzoate			0.2709	10.9040	11.1749
esfenvalerate				18.4800	18.4800
ethoprop	34.5000				34.5000
hexakis	12.0000				12.0000
hexazinone			24.0000		24.0000
lambda-cyhalothrin	16.6400	6.2550		14.5600	37.4550
methomyl	30.0000	12.0000	6.0000	492.0000	540.0000
naled				210.0000	210.0000
oxamyl	20.0000		5.0000		25.0000
paraquat dichloride	405.0000		440.0000	1,195.0000	2,040.0000
permethrin	2.3000		2.3000	17.4000	22.0000
simazine				40.0000	40.0000
s-metolachlor		151.1000		124.5000	275.6000
sodium methyldithiocarbamate	234.3000				234.3000
zeta-cypermethrin				9.5000	9.5000
β-cyfluthrin				8.0000	8.0000
November Total	12,832.2875	2,109.6050	20,621.2509	3,379.1840	38,942.3274

December	Hawaii	Kauai	Maui	Oahu	Grand Total
abamectin	1.7500		0.3000	1.2250	3.2750
atrazine			40.0000		40.0000
bifenthrin	2.6400		5.2800		7.9200
chlorantraniliprole	15.0300			20.0400	35.0700
chlorine	13,581.7500		11,940.0000	298.5000	25,820.2500



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016
 Reported by pounds of active ingredient by county
 (Excludes sales for structural pest control)

chlorpyrifos	79.7125			75.1000	154.8125
diazinon				380.0000	380.0000
emamectin benzoate			0.3806	10.7588	11.1394
esfenvalerate				40.9200	40.9200
ethoprop	9.0000				9.0000
hexakis				6.0000	6.0000
hexazinone				576.0000	576.0000
lambda-cyhalothrin	24.9600			20.8000	45.7600
methomyl	6.0000		6.0000	132.0000	144.0000
naled				90.0000	90.0000
paraquat dichloride	420.0000	30.0000	480.0000	695.0000	1,625.0000
permethrin				52.7000	52.7000
s-metolachlor				214.2000	214.2000
sodium methyldithiocarbamate	1,640.1000			2,343.0000	3,983.1000
zeta-cypermethrin				11.0000	11.0000
hydrogen cyanamide			193.5000		193.5000
December Total	15,780.9425	30.0000	12,665.4606	4,967.2438	33,443.6469

Grand Total	153,091.7233	16,150.1300	256,973.5045	233,817.2960	660,032.6538
--------------------	---------------------	--------------------	---------------------	---------------------	---------------------

Annual Summary 2016	Hawaii	Kauai	Maui	Oahu	Grand Total
1,3-dichloropropene			11820	162342.0855	174162.0855
abamectin	20.65		2.6	17.3	40.55
alachlor				240	240
atrazine		160	237.5	104.1	501.6
bifenthrin	153.62	20	81.18	166.6	421.4
bromacil			460.8	3644.8	4105.6
chlorantraniliprole	106.88	20.04	42.1675	528.9725	698.06
chlorine	141936.75	11641.5	240441.75	4049.65	398069.65
chlorpyrifos	1960.375	506.925	37.55	520.0675	3024.9175
cyfluthrin			16	124	140
diazinon			230	1600	1830
diflubenzuron				40	40
emamectin benzoate	0.808344		3.316975	63.960497	68.085816
esfenvalerate	0.66	10.56	5.28	399.3	415.8
ethoprop	210	30			240
fenpropathrin				28.8	28.8
hexakis	86.5			122	208.5
hexazinone			96	720	816
hydrogen cyanamide			193.5		193.5
lambda-cyhalothrin	264.28	18.755	14.56	209.28	506.875
methiocarb				1.5	1.5
methomyl	84	96	114	7380.6	7674.6
methyl bromide				4320	4320
methylisothiocyanate				0	0



SUMMARY OF RESTRICTED USE PESTICIDES SOLD IN 2016

Reported by pounds of active ingredient by county

(Excludes sales for structural pest control)

naled			52.5	2535	2587.5
oxamyl	20		5	10	35
oxydemeton-methyl				30	30
paraquat dichloride	5390	1290	1900	6750	15330
permethrin	16.1	76.8	80.1	486.8	659.8
picloram	25			5	30
propargite			32.75		32.75
simazine			120	340	460
s-metolachlor		1117.7	959.95	668.63	2746.28
sodium methyldithiocarbamate	2811.6			36210	39021.6
sulfuryl fluoride		374.25			374.25
tefluthrin		19.5	9		28.5
zeta-cypermethrin	4	13.6	18	132.35	167.95
β-cyfluthrin	0.5	12		26.5	39
dazomet		742.5			742.5
Grand Total	153091.7233	16150.13	256973.5045	233817.296	660032.6538