

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
(Reported by pounds of active ingredient, by County)

| January 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|---------------------|----------|--------|--------|-----------|--------------|
| 1,3-dichloropropene | | | | 39,680.55 | 39,680.55 |
| abamectin | 2.80 | | | 3.15 | 5.95 |
| atrazine | | | 40.00 | 60.00 | 100.00 |
| beta-cyfluthrin | | | | 0.50 | 0.50 |
| bifenthrin | 18.58 | | | 48.00 | 66.58 |
| bromacil | | | 38.40 | | 38.40 |
| chlorantraniliprole | 0.84 | 8.35 | 0.42 | 98.53 | 108.13 |
| chlorine | 6,736.50 | | | | 6,736.50 |
| chlorpyrifos | 36.50 | | | 281.63 | 318.13 |
| cyfluthrin | | | 2.00 | | 2.00 |
| diflubenzuron | | | | 20.00 | 20.00 |
| emamectin benzoate | 0.28 | | 1.13 | 4.20 | 5.61 |
| esfenvalerate | | 2.64 | | 26.40 | 29.04 |
| hexakis | | | | 6.00 | 6.00 |
| hexazinone | | | 24.00 | | 24.00 |
| hydrogen cyanamide | | | 129.00 | | 129.00 |
| lambda-cyhalothrin | 23.30 | 4.17 | | 43.36 | 70.83 |
| methomyl | | 6.00 | 24.00 | 258.00 | 288.00 |
| naled | | | | 240.00 | 240.00 |
| oxamyl | | | | 440.00 | 440.00 |
| paraquat dichloride | 500.00 | 90.00 | 120.00 | 65.00 | 775.00 |
| permethrin | | 3.20 | 5.50 | 9.20 | 17.90 |
| S-metolachlor | | | 57.30 | 38.20 | 95.50 |
| zeta-cypermethrin | 2.50 | | | 11.20 | 13.70 |
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| January 2018 Total | 7,321.29 | 114.36 | 441.74 | 41,333.92 | 49,211.31 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018

(Reported by pounds of active ingredient, by County)

| February 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|---------------------|----------|-------|--------|--------|--------------|
| abamectin | 2.10 | | 0.18 | 3.85 | 6.13 |
| bifenthrin | 3.15 | | | | 3.15 |
| chlorantraniliprole | 6.68 | | | 33.40 | 40.08 |
| chlorine | 6,417.75 | | | | 6,417.75 |
| chlorpyrifos | 25.78 | | | | 25.78 |
| clothianidin | 0.49 | | | | 0.49 |
| cyfluthrin | | | 2.00 | 40.00 | 42.00 |
| emamectin benzoate | | | 0.70 | 9.99 | 10.69 |
| esfenvalerate | | | | 46.20 | 46.20 |
| hexakis | 3.00 | | | | 3.00 |
| imidaclopid | 5.10 | | | | 5.10 |
| lambda-cyhalothrin | 8.32 | | | 22.24 | 30.56 |
| methomyl | 6.00 | 48.00 | 6.00 | 226.80 | 286.80 |
| naled | | | | 525 | 525.00 |
| paraquat dichloride | 480.00 | | 20.00 | 35.00 | 535.00 |
| permethrin | | | | 29.9 | 29.90 |
| picloram | 10.00 | | | | 10.00 |
| S-metolachlor | | 38.20 | | | 38.20 |
| sulfuryl fluoride | | | 249.50 | | 249.50 |
| zeta-cypermethrin | 1.00 | | | 14.40 | 15.40 |
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| February 2018 Total | 6,969.38 | 86.20 | 278.38 | 986.78 | 8,320.73 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
(Reported by pounds of active ingredient, by County)

| April 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|---------------------|----------|-------|--------|----------|--------------|
| 4-aminopyridine | | | | 5.00 | 5.00 |
| abamectin | 7.00 | | 2.98 | 2.98 | 12.95 |
| bifenthrin | 1.32 | | 0.66 | 2.77 | 4.75 |
| bromacil | | | | 806.40 | 806.40 |
| chlorantraniliprole | 8.35 | 1.67 | | 26.72 | 36.74 |
| chlorine | 6,567.00 | | | | 6,567.00 |
| chlorpyrifos | 159.59 | | | | 159.59 |
| cyfluthrin | | | | 12.00 | 12.00 |
| diazinon | | | 40.00 | 360.00 | 400.00 |
| emamectin benzoate | 0.07 | | | 7.75 | 7.82 |
| esfenvalerate | | | | 13.20 | 13.20 |
| ethoprop | 315.00 | | | | 315.00 |
| hexakis | 6.00 | | | 6.00 | 12.00 |
| hexazinone | | | 24.00 | | 24.00 |
| imidacloprid | | | | 2.55 | 2.55 |
| lambda-cyhalothrin | 24.15 | | 2.08 | 20.80 | 47.03 |
| methiocarb | 3.00 | | | | 3.00 |
| methomyl | 12.00 | | 6.00 | 160.80 | 178.80 |
| naled | | | 22.50 | 135.00 | 157.50 |
| oxamyl | 80.00 | | | 120.00 | 200.00 |
| paraquat dichloride | 910.00 | 10.00 | | 590.00 | 1,510.00 |
| permethrin | 2.30 | | | 20.70 | 23.00 |
| sulfuryl fluoride | | | 374.25 | 124.75 | 499.00 |
| zeta-cypermethrin | | | | 0.50 | 0.50 |
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| April 2018 Total | 8,095.78 | 11.67 | 472.47 | 2,417.92 | 10,997.83 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
(Reported by pounds of active ingredient, by County)

| May 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|---------------------|----------|--------|----------|----------|--------------|
| 1,3-dichloropropene | | | 9,450.00 | | 9,450.00 |
| 4-aminopyridine | | | | 15.00 | 15.00 |
| abamectin | 3.50 | | | 2.45 | 5.95 |
| atrazine | | 25.00 | | | 25.00 |
| beta-cyfluthrin | | | 1.00 | | 1.00 |
| bicyclopyrone | | 1.50 | | | 1.50 |
| bifenthrin | 3.96 | | 0.20 | 1.32 | 5.48 |
| bromacil | | | | 19.20 | 19.20 |
| chlorantraniliprole | 5.01 | | 0.42 | 41.75 | 47.18 |
| chlorine | 6,567.00 | | | | 6,567.00 |
| chlorpyrifos | 91.49 | | | | 91.49 |
| cyfluthrin | | 8.00 | | | 8.00 |
| diflubenzuron | | | | 10.00 | 10.00 |
| diuron | | | | 19.20 | 19.20 |
| emamectin benzoate | 0.14 | | 0.14 | 7.26 | 7.54 |
| esfenvalerate | | | | 17.16 | 17.16 |
| ethoprop | 90.00 | | | | 90.00 |
| hexakis | 9.00 | | | 12.00 | 21.00 |
| lambda-cyhalothrin | 6.24 | | 2.08 | 24.96 | 33.28 |
| mesotrione | | 6.00 | | | 6.00 |
| methomyl | 12.00 | | 24.00 | 681.60 | 717.60 |
| naled | | | | 480.00 | 480.00 |
| oxamyl | 90.00 | | | 720.00 | 810.00 |
| paraquat dichloride | 595.00 | | 5.00 | 480.00 | 1,080.00 |
| permethrin | | 25.60 | 2.30 | 35.40 | 63.30 |
| S-metolachlor | | 91.70 | | | 91.70 |
| sulfuryl fluoride | | 124.75 | | | 124.75 |
| zeta-cypermethrin | | 3.20 | | 3.20 | 6.40 |
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| May 2018 Total | 7,473.34 | 285.75 | 9,485.14 | 2,570.50 | 19,814.72 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
(Reported by pounds of active ingredient, by County)

| June 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|---------------------|-----------|--------|-------|----------|--------------|
| abamectin | 2.80 | | 3.50 | 1.05 | 7.35 |
| beta-cyfluthrin | 1.00 | | | | 1.00 |
| bifenthrin | 2.64 | | 1.32 | | 3.96 |
| bromacil | | | | 451.20 | 451.20 |
| chlorantraniliprole | 3.34 | 15.03 | | 8.35 | 26.72 |
| chlorine | 9,999.75 | | | | 9,999.75 |
| chlorpyrifos | 82.10 | 97.00 | | 28.16 | 207.26 |
| cyfluthrin | | 8.00 | | 8.00 | 16.00 |
| diuron | | | | 76.80 | 76.80 |
| emamectin benzoate | | | 0.42 | 0.71 | 1.13 |
| esfenvalerate | | 19.80 | | 26.40 | 46.20 |
| hexakis | | | | 18.00 | 18.00 |
| hexazinone | | | | 168.00 | 168.00 |
| lambda-cyhalothrin | 21.02 | 15.07 | | 22.88 | 58.97 |
| methomyl | 12.00 | 48.00 | 12.00 | 319.20 | 391.20 |
| naled | | | | 75.00 | 75.00 |
| oxamyl | 55.00 | | | 150.00 | 205.00 |
| paraquat dichloride | 90.00 | | | 990.00 | 1,080.00 |
| permethrin | | | | 42.30 | 42.30 |
| sulfuryl fluoride | 249.50 | 124.75 | | | 374.25 |
| zeta-cypermethrin | | 15.00 | | 4.70 | 19.70 |
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| June 2018 Total | 10,519.15 | 342.65 | 17.24 | 2,390.75 | 13,269.79 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
 (Reported by pounds of active ingredient, by County)

| August 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|------------------------------|----------|-------|-----------|-----------|--------------|
| 1,3-dichloropropene | | | 9,850.00 | 41,530.06 | 51,380.06 |
| abamectin | 1.40 | | 0.35 | 2.10 | 3.85 |
| bifenthrin | 2.64 | | | 0.66 | 3.30 |
| bromacil | | | | 806.40 | 806.40 |
| chlorantraniliprole | 5.01 | | 1.25 | 13.36 | 19.62 |
| chlorine | 2,388.00 | | | | 2,388.00 |
| chlorpyrifos | 138.43 | | | | 138.43 |
| cyfluthrin | | | | 4.00 | 4.00 |
| diflubenzuron | | | | 10.00 | 10.00 |
| emamectin benzoate | 0.28 | | 1.19 | 5.84 | 7.32 |
| esfenvalerate | | | | 9.24 | 9.24 |
| hexakis | | | | 12.00 | 12.00 |
| hexazinone | | | 24.00 | | 24.00 |
| lambda-cyhalothrin | 8.32 | | 2.08 | 12.48 | 22.88 |
| methomyl | | | 6.00 | 319.20 | 325.20 |
| naled | | | | 52.50 | 52.50 |
| oxamyl | | | | 380.00 | 380.00 |
| paraquat dichloride | 415.00 | 10.00 | | 1,015.00 | 1,440.00 |
| permethrin | 4.60 | | | 41.40 | 46.00 |
| S-metolachlor | | | 38.20 | | 38.20 |
| sodium methyldithiocarbamate | 234.30 | | | | 234.30 |
| sulfuryl fluoride | | | 499.00 | | 499.00 |
| zeta-cypermethrin | | | | 14.40 | 14.40 |
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| August 2018 Total | 3,197.98 | 10.00 | 10,422.08 | 44,228.64 | 57,858.70 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
(Reported by pounds of active ingredient, by County)

| September 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|------------------------------|-----------|--------|--------|----------|--------------|
| abamectin | 1.40 | | 0.18 | 0.70 | 2.28 |
| atrazine | | | 80.00 | | 80.00 |
| bifenthrin | 10.56 | | 1.32 | | 11.88 |
| bromacil | | 9.6 | | | 9.60 |
| chlorantraniliprole | 3.34 | | | 8.35 | 11.69 |
| chlorpyrifos | 322.7375 | | | 9.3875 | 332.13 |
| cyfluthrin | | | | 14 | 14.00 |
| diazinon | | | 20.00 | 360.00 | 380.00 |
| emamectin benzoate | | | | 6.475 | 6.48 |
| esfenvalerate | | | | 18.48 | 18.48 |
| lambda-cyhalothrin | 31.20 | | | 27.04 | 58.24 |
| methomyl | | | 6.00 | 324.00 | 330.00 |
| naled | | | 30 | 255 | 285.00 |
| oxamyl | 200.00 | | 5.00 | 250.00 | 455.00 |
| paraquat dichloride | 215.00 | | | 40.00 | 255.00 |
| permethrin | | | | 6.4 | 6.40 |
| sodium methyldithiocarbamate | 9265.5 | | | | 9,265.50 |
| sulfuryl fluoride | | 124.75 | 124.75 | 124.75 | 374.25 |
| zeta-cypermethrin | | | | 3.2 | 3.20 |
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| September 2018 Total | 10,049.74 | 134.35 | 267.25 | 1,447.78 | 11,899.12 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
 (Reported by pounds of active ingredient, by County)

| October 2018 | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|---------------------|--------|--------|--------|-----------|--------------|
| 1,3-dichloropropene | | | | 38,908.98 | 38,908.98 |
| abamectin | 2.10 | | 0.18 | 2.10 | 4.38 |
| atrazine | | 72.50 | | | 72.50 |
| bicyclopyrone | | 4.35 | | | 4.35 |
| bifenthrin | 12.88 | | 53.99 | 1.32 | 68.18 |
| chlorantraniliprole | 1.67 | | | 1.67 | 3.34 |
| chlorpyrifos | 16.39 | | | 18.78 | 35.16 |
| cyfluthrin | | 8.00 | | 4.00 | 12.00 |
| diazinon | | | | 40.00 | 40.00 |
| emaectin benzoate | | | | 10.82 | 10.82 |
| esfenvalerate | | | | 16.50 | 16.50 |
| ethoprop | 210.00 | | | | 210.00 |
| hexakis | 0.50 | | | 6.00 | 6.50 |
| imidacloprid | 6.38 | | 85.49 | | 91.87 |
| lambda-cyhalothrin | 8.54 | | 2.08 | 21.02 | 31.64 |
| mesotrione | | 17.40 | | | 17.40 |
| methomyl | 4.50 | | 12.00 | 582.00 | 598.50 |
| naled | | | | 165.00 | 165.00 |
| oxamyl | 30.00 | | | 30.00 | 60.00 |
| paraquat dichloride | 175.00 | | 20.00 | 1,435.00 | 1,630.00 |
| permethrin | | 38.40 | 2.30 | | 40.70 |
| S-metolachlor | | 307.95 | | | 307.95 |
| sulfuryl fluoride | | 124.75 | | | 124.75 |
| tefluthrin | | 27.00 | | | 27.00 |
| zeta-cypermethrin | 7.25 | 9.60 | 16.75 | 3.20 | 36.80 |
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| October 2018 Total | 475.20 | 609.95 | 192.79 | 41,246.39 | 42,524.32 |

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

SUMMARY OF RESTRICTED USE PESTICIDES SOLD* IN 2018
(Reported by pounds of active ingredient, by County)

| January - December 2018 State Total (All Counties) | HAWAII | KAUAI | MAUI | OAHU | All Counties |
|--|-----------|----------|-----------|------------|--------------|
| 1,3-dichloropropene | | | 19,300.00 | 120,119.59 | 139,419.59 |
| 4-aminopyridine | | | | 20.52 | 20.52 |
| abamectin | 30.10 | | 7.91 | 25.76 | 63.77 |
| atrazine | | 797.50 | 125.00 | 60.00 | 982.50 |
| beta-cyfluthrin | 1.00 | 9.00 | 2.00 | 1.00 | 13.00 |
| bicyclopyrone | | 5.85 | 0.30 | | 6.15 |
| bifenthrin | 65.63 | | 66.27 | 65.86 | 197.76 |
| bromacil | | 9.60 | 38.40 | 2,491.20 | 2,539.20 |
| chlorantraniliprole | 54.29 | 38.41 | 2.09 | 313.96 | 408.75 |
| chlorine | 42,556.50 | | | | 42,556.50 |
| chlorpyrifos | 1,473.11 | 200.26 | 9.39 | 384.90 | 2,067.66 |
| clothianidin | 0.49 | | | | 0.49 |
| cyantraniliprole | | | | 8.48 | 8.48 |
| cyfluthrin | | 24.00 | 4.00 | 142.00 | 170.00 |
| diazinon | | | 80.00 | 1,120.00 | 1,200.00 |
| diflufenzuron | 50.00 | | | 110.00 | 160.00 |
| diuron | | | | 192.00 | 192.00 |
| emamectin benzoate | 7.80 | | 3.84 | 190.23 | 201.87 |
| esfenvalerate | 21.12 | 51.48 | | 254.76 | 327.36 |
| ethoprop | 855.00 | | | | 855.00 |
| hexakis | 18.50 | | | 78.00 | 96.50 |
| hexazinone | | | 72.00 | 168.00 | 240.00 |
| hydrogen cyanamide | | | 129.00 | | 129.00 |
| imidacloprid | 11.48 | | 89.32 | 12.76 | 113.56 |
| lambda-cyhalothrin | 177.28 | 29.50 | 12.48 | 276.12 | 495.38 |
| mesotrione | | 23.40 | 1.20 | | 24.60 |
| methiocarb | 3.00 | | | | 3.00 |
| methomyl | 336.90 | 246.00 | 120.00 | 3,894.00 | 4,596.90 |
| naled | 30.00 | | 105.00 | 2,482.50 | 2,617.50 |
| oxamyl | 575.00 | | 10.00 | 3,035.00 | 3,620.00 |
| paraquat dichloride | 4,835.00 | 265.00 | 195.00 | 8,420.00 | 13,715.00 |
| permethrin | 6.90 | 67.20 | 17.00 | 292.90 | 384.00 |
| picloram | 10.00 | | | | 10.00 |
| S-metolachlor | | 437.85 | 220.80 | 38.20 | 696.85 |
| sodium methyldithiocarbamate | 17,870.70 | | | | 17,870.70 |
| sulfuryl fluoride | 249.50 | 873.25 | 1,746.50 | 374.25 | 3,243.50 |
| tefluthrin | | 27.00 | | | 27.00 |
| zeta-cypermethrin | 57.35 | 49.00 | 23.90 | 94.20 | 224.45 |
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| Grand Total (Year 2018, State of Hawaii) | 69,296.65 | 3,154.30 | 22,381.40 | 144,666.19 | 239,498.54 |

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