



Pesticide Use by New York City Agencies in 2007

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EXECUTIVE SUMMARY

Local Law 54 of 2007 requires the New York City Department of Health and Mental Hygiene (DOHMH) to summarize annual City agencies' pesticide use. In 2007, eleven municipal agencies reported to DOHMH their pesticide use in a format that enabled summarization within, and across agencies. This report summarizes pesticides applied on or behalf of agencies on city owned or leased property. Key findings include:

- Pesticides were applied a total of 115,881 times by New York City in 2007. Agencies used a total of 10,449 gallons and 172,926 pounds of pesticides.
- Rodenticides were the most frequently applied type of pesticide, accounting for nearly 60% of all applications.
- Insecticides were the most heavily used type of pesticide, accounting for 73% by volume and 68% by weight of all pesticides used by City agencies.
- New York City agencies are not the only users of pesticides in New York City. Their use accounts for 3% of the total volume of liquid pesticides, and 16% of the total pounds of solid pesticides applied within the five boroughs of New York City.

Pesticide Use by New York City Agencies in 2007

I. BACKGROUND

When Local Law 37 was enacted on May 9, 2005, New York City became the largest municipality in the nation to regulate the use of pesticides on city-owned and leased property. Local Law 37 established new requirements regarding pesticide use on property owned or leased by the City, including the prohibition of certain pesticide products, posting of warning notices prior to pesticide use, and the requirement that agencies report their pesticide use on annual basis. With the enactment of Local Law 37 in May 2005, prohibitions from use were phased in for certain pesticides used by agencies or their contractors on City owned and leased properties. By November, 2005, EPA Toxicity Category 1 (signal word “danger”) was prohibited. In May 2006, use of all pesticides classified by the EPA as possible, probable or known human carcinogens ended. And in November 2006, use of all pesticides classified by the State of California’s Office of Environmental Health Hazard Assessment as developmental toxins ceased.

Local Law 37 exempted from prohibition several uses and products that posed little or no risk of human exposure, including rodenticides placed in tamper-proof containers or applied directly into rat burrows or inaccessible areas, containerized insect baits, and certain other types of insecticides such as boric acid, silica, and diatomaceous earth. The New York City Department of Health and Mental Hygiene (DOHMH), under Local Law 37 authorization, further waived from prohibition the use of all insecticide gels containing the ingredients fipronil and hydramethylnon due to their effectiveness and low potential for human exposure. In addition, Local Law 37 empowered DOHMH to consider and grant requests for waivers from prohibition on a case-by-case basis. DOHMH maintains a webpage on Local Law 37 at <http://nyc.gov/health/ll37> that includes a list of all waivers granted to agencies.

In October, 2007 New York City enacted Local Law 54 which requires City agencies to report their pesticide use to DOHMH, and for DOHMH to issue a summary report to the City Council and the Mayor. This is the first annual report in fulfillment of these requirements. City agencies have made significant improvements since the enactment of Local Law 37 to the quality and delivery of pesticide use data. In 2006, just three agencies provided data in an electronic format that enabled data to be summarized. This year, eleven agencies reported electronic data. Because Local Law 54 allows DOHMH to define the format by which agencies must report their data, we anticipate mandating electronic reporting for calendar year 2008.

II. SOURCES OF PESTICIDE USE DATA

New York City agencies are required to report to DOHMH their pesticide use by February 1 for the preceding calendar year. This report summarizes data received by the Department for pesticides applied during calendar year 2007. Pesticide use records are recorded by agencies and their contractors in formats that are compliant with New York State pesticide reporting laws and regulations. Because New York State accepts use records in paper and electronic format, New York City agencies and their contractors provided data to DOHMH in a

variety of formats. These included, paper records, scanned images of paper records, and electronic data in spreadsheets or databases.

In this first year of summary reporting, DOHMH has been able to summarize only pesticide use data provided in electronic format. Although the summary data captures a significant proportion of all pesticides applied, there is additional information available in other agencies' reports that could not be captured because of the format in which they were received. We detail below which agencies did not yet provide electronic data. DOHMH anticipates future reports to include all city agency data, as the remaining agencies convert their recordkeeping to electronic formats. In 2005, the year Local Law 37 was enacted, just one agency maintained complete records in an electronic format. By 2007, 13 agencies provided electronic data (though one too late to be included in this report).

DOHMH launched and hosts an electronic reporting tool, the New York Pesticide Use Reporting System (NYCPURS) that all agencies, contractors and licensed pest control applicators can register to use. By summer 2008, DOHMH will enhance NYCPURS to permit importing of data maintained by other electronic systems.

Source data for each pesticide application includes the product name, Environmental Protection Agency (EPA) registration number, the quantity used (expressed as either weight or volume), the method of application, and the date and location the product was applied. DOHMH utilizes the EPA's pesticide information system to link these data - by registration number - to determine a product's pesticide type and class, toxicity score, and its class and active ingredients. In addition, we linked these data to the EPA Office of Pesticide Programs' List of Chemicals Evaluated for Carcinogenic Potential and the State of California's List of Chemicals Known to the State to Cause Cancer or Reproductive Toxicity, both downloadable at <http://nyc.gov/health/l137>.

III. METHODS AND LIMITATIONS

Data in a variety of electronic formats were imported into a single database, where it was checked for quality, accuracy and validity. Weight and volumetric units were standardized to pounds and gallons, respectively. Each record of data was assigned an agency identifier corresponding to the source agency. Data were analyzed using SQL, Excel and Access. We analyzed data by pesticide type and class, and report total numbers, pounds and gallons of applications for New York City, and by agency on whose behalf the pesticides were applied. Using the most recent data available from the New York State Pesticide Use Registry, we compared the total weight and volume of applications by or on behalf of the City of New York to those applied generally within the New York City. Though only electronically provided data are summarized, for some agencies that provided paper records, we list the pesticide products they used in 2007.

Where DOHMH was able to evaluate the completeness of these records, it is reported by agency, below. It is not yet possible to fully determine whether each agency was able to report each pesticide application. Many agencies depend upon contractors to maintain records of pesticides applied, and may not be certain that the contractors have fully complied with Local Law 37 reporting requirements. There are some obvious gaps in the data:

- Two agencies have not yet reported 2007 pesticide use data to DOHMH. They are the Brooklyn Public Library and the City University of New York's many community colleges and universities. Both have pledged to provide complete, electronic 2008 pesticide use data in time for summarization and inclusion in the next report. The New York Public Library and the Police Department provided 2007 data too late to be included in this report.
- A review of these data demonstrates that there is incomplete reporting of pesticides used for disinfection and biocidal purposes. While these pesticides are exempt from Local Law 37's prohibitions and prior notification requirements, they are not exempt from reporting mandates.
- The target organisms of the pesticides applied by agencies is difficult to report systematically, owing to the variety of formats, electronic and otherwise that are used to maintain pesticide records.
- Several agencies are not yet able to provide data in an electronic format. These agencies are the Department for the Aging, Corrections, Sanitation, and the New York City Housing Authority. Thus, their pesticide use data are not presented here and not represented in the City totals.

Each of these issues and gaps in the data is expected to improve over the next year as agencies fully adopt electronic recordkeeping, migrating existing electronic or paper systems to the NYCPURS system developed by DOHMH for electronic recordkeeping. More information about NYCPURS is available at <http://nyc.gov/health/1137>.

IV. PESTICIDE USE FINDINGS

A. TYPES OF PESTICIDES USED BY AGENCIES

Four main types of pesticides were applied by agencies: rodenticides (products used to kill rodents); insecticides (to kill insects); herbicides (to kill plants) and fungicides (to kill molds and other fungi).

Insecticides

A total of 7,607 gallons and 118,322 pounds of insecticides were applied by New York City in 2007, accounting for 72.8% by volume, and 68.4% by weight of the total applications. Insecticides used by NYC agencies in 2007 were largely comprised of three classes of products; pyrethrins and pyrethroids, organophosphates and carbamates.

Pyrethrins, Pyrethroids, and Synergists

Pyrethrins and pyrethroids are less acutely toxic than the organophosphate and carbamate pesticides they have largely replaced. Accidental poisonings from professional applications are very rare, though personal use of aerosol and fogging product formulations have been associated with acute exposures, poisonings and fires. Some pyrethroids may be respiratory allergens for sensitized people, including asthmatics. EPA has classified pyrethrins, their synergists, and several pyrethroids as suspected human carcinogens. Pyrethrins and pyrethroids break down relatively quickly when used outdoors, but persist longer when applied indoors.

Common pyrethroid active ingredients are cypermethrin, cyfluthrin, esfenvalerate, and deltamethrin. Pyrethrin and pyrethroid products used by agencies in 2007 include Cynoff EC Insecticide®, Pyrocode Fogging Concentrate®, Demand CS Insecticide®, Tempo SC Insecticide®, K-Orthine SC Insecticide® and Evercide Residual Insecticide Concentrate 2662®.

Together, pyrethrins and pyrethroids accounted in 2007 for 89.6% of the total insecticides applied by volume and 1.1% by weight.

Organophosphates and Carbamates

Organophosphate and carbamate insecticides both function by inhibiting the neurotransmitter cholinesterase. Until EPA banned their use for most indoor applications in 1999 and 2000, organophosphates were the most heavily used class of insecticides. EPA also allowed the registrations for several carbamates to lapse.

Common organophosphate active ingredients include acephate and trichlofon. Common carbamate active ingredients include propoxur and carbaryl. Organophosphate and carbamate products applied by agencies in 2007 include Orthene PCO Formula II® and Sevin Brand RP4 Carbaryl Insecticide ®.

Reports submitted by agencies showed that, in 2007, the use of organophosphates and carbamates accounted for just 0.5% of the total insecticides applied by agencies by volume, and 0.4% by weight.

“Best Management Practices” Insecticides

In recent years, several insecticide products have been introduced to the market whose proper use involves little or no potential for human exposure but that have been demonstrated to be highly effective at controlling pests. These products include biological pesticides for mosquito control and gels and baits for cockroach and other insect control.

Common active ingredients for these products include boric acid, silica gel, diatomeaceous earth, the bacteria *bacillus sphaericus* and *bacillus thuringiensis*, hydramethylnon and fipronil, avermectin, and indoxacarb. Some of the products used by agencies for this reporting year were Maxforce Professional Insect Control Roach Killer Bait Gel®, Redzone Bait®, Vectobac CG Biological Larvacide Granules®, Vectolex CG Biological Larvacide®, Avert Prescription Treatment TC 93A Bait®, and DuPont Advion Cockroach Gel Bait®.

In 2007, 4.4% of the total insecticides applied by volume, and 92% by weight, were insecticidal dusts, gels and baits, or biological larvicides.

Herbicides

The herbicides used by New York City agencies in 2007 were used primarily for vegetation control in parks and for the maintenance of highways and street medians. The active ingredients most commonly used in 2007 were glyphosate, dinitroanilines, chlorophenoxyacetic acids and ureas. Herbicides were a major contributor of pesticide use by agencies.

A total of 2,218 gallons and 22,981 pounds were applied, accounting for 21.2% of total volume and 13.3% of total weight of all pesticides used by agencies in 2007.

Glyphosate

The most heavily used herbicides applied as a liquid by agencies were glyphosates in Roundup® products. Glyphosate is a broad-spectrum, non-selective systemic herbicide that can be used throughout the growing season. By itself, the active ingredient glyphosate poses little risk of acute poisonings or chronic health effects and has not been shown to be carcinogenic. Glyphosphate use has increased as agencies have phased out the use of herbicides prohibited under Local Law 37.

Dinitroaniline

Dinitroaniline-based herbicides, which are often combined with fertilizers, are used early in the growing season as pre-emergents to prevent full germination and plant growth. They are of low acute toxicity to people, but several dinitroanilines are classified by USEPA as suspected human carcinogens. Dinitroaniline herbicides break down slowly. Common dinitroaniline active ingredients are pendimethalin, trifluralin, benefin and benfluralin. Common dinitroaniline products used by agencies in 2007 were Lesco Pre-M Plus Fertilizer® and XL 2G®.

Chlorophenoxyacetic Acids

The chlorophenoxyacetic acid herbicides are a family of related chemicals that are often combined in products. EPA classifies one member of this class of pesticides -- mecoprop-p – as a suspected carcinogen. Common chlorophenoxyacetic acid active ingredients are 2,4-D, mecoprop (MCP), mecoprop-p (MCP-P), dicamba and MCPA. Common chlorophenoxyacetic acid products used by agencies in 2007 were Gordon's Trimec Weed & Feed® and Viper Weed and Feed®.

Ureas

Like dinitroaniline herbicides, urea herbicides are of low acute toxicity but pose chronic risks. Diuron, a urea herbicide among the ten most heavily used herbicides reported in the City in 2002, is classified by the EPA as a likely human carcinogen. Other urea herbicides have been classified as possible human carcinogens. All urea herbicides are highly persistent. Common

Urea active ingredients are Diuron and Siduron. Common urea products used by NYC agencies in 2007 were Nations AG II Sulfometuron Methyl 75® and The Anderson's Professional Turf Products Crabgrass Preventer 4.7%®.

Rodenticides

Most rodenticides act as anticoagulants and all are acutely toxic if ingested. Common rodenticide active ingredients are bromodiolone, diphacinone, brodifacoum, zinc phosphide and warfarin. Some common rodenticide products used by agencies in 2007 were: Contrac All-Weather Blox®, Generation Mini Blocks®, Weatherblok Bait with Bitrex® and Ditrac All-Weather Blox®.

In 2007, a total of 132 gallons and 21,311 pounds of rodenticides were applied by City agencies, accounting for 1.3% of all pesticides applied on NYC owned or leased property by volume, and 12.3% by weight.

Fungicides

Most of the most commonly applied fungicides are classified by EPA as suspected carcinogens. Because many of these fungicides are also highly persistent, with half-lives measured in months and years, the potential for exposure can exist throughout the growing season. Degradation does not necessarily reduce the hazard, because some fungicides also have highly toxic breakdown products. Fungicides were most commonly applied by NYC on golf courses, which are exempt from Local Law 37 prohibitions. The most used fungicide by volume in NYC, however, was petroleum-based horticultural oil without other added synthetic fungicides that have no known carcinogenic or developmentally toxic properties.

The active ingredients of fungicides commonly used in NYC in 2007 include: chlorothalonil, thiophanate-methyl, PCNB, iprodione and mancozeb. Common fungicide products applied in 2007 include Lesco Horticultural Oil®, Echo 720 Agricultural Fungicide®, Aliette WDG Brand Fungicide®, Daconil SDG® and Bayleton 50 Turf and Ornamental Fungicide in Water Soluble Packets®.

Fungicides are a relatively minor contributor to overall pesticide use by agencies, accounting for 4.7% of the total pesticide applied by volume and 6.0% by weight.

B. SUMMARY OF CITYWIDE PESTICIDE USE

Pesticide use can be measured and compared in a number of ways. Throughout the remainder of this report, we describe the frequency with which pesticides are applied (how many times a pesticide is used), as well as the quantity of pesticides applied. Quantities for liquid applications are measured as volume in gallons. Quantity for solid applications are measured as weight in pounds. Pesticides were applied a total of 115,881 times by New York City in 2007. The pesticide applied most frequently by New York City was rodenticide. The majority of rodenticides applied by the City of New York is placed directly into rat burrows and poses little risk of exposure to the public. Insecticides were the most heavily used in terms of weight and volume. In 2007, 84% of the insecticides reported by weight were bacterial products designed to

kill mosquito larvae in stagnant waters, away from human contact. Table 1, below, summarizes these findings. This table, as all others that follow, is sorted in order of descending number of applications.

Table 1. Total Applications Reported Applied by NYC Agencies in 2007, by Pesticide Type

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|---------------|------------|----------------|------------|----------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Rodenticide | 132 | 1.3% | 21,311 | 12.3% | 68,052 | 58.7% |
| Insecticide | 7,607 | 72.8% | 118,322 | 68.4% | 43,530 | 37.6% |
| Herbicide | 2,218 | 21.2% | 22,981 | 13.3% | 3,762 | 3.2% |
| Fungicide | 489 | 4.7% | 10,302 | 6.0% | 422 | 0.4% |
| Other | 3 | <0.1% | 10 | <0.1% | 115 | 0.1% |
| Totals | 10,449 | | 172,926 | | 115,881 | |

Table 2, below lists the ten most frequently used products used for each pesticide type on New York City owned or leased property in 2007. For each, we list the total volume, weight and number of applications, as well as the active ingredient(s), the EPA toxicity category, whether the product is considered by EPA a known, possible or suspect carcinogen, and whether the product is listed by the State of California as a reproductive hazard. For this and subsequent product tables, the toxicity category refers to the EPA's assigned label warning to indicate the degree of acute toxicity from oral, dermal and inhalation exposures on a scale from 1 to 4. Toxicity Category 1 indicates pesticides considered highly toxic and whose label requires the signal word, "Danger –Poison!" and the skull and crossbones symbol. Toxicity Category 2 products are considered moderately toxic and product labels carry the word "Warning!" Toxicity Category 3 products are considered to be slightly toxic while Toxicity 4 products are considered relatively non-toxic. Both toxicity categories 3 and 4 carry the signal word "Caution!" A complete list of products used by New York City by pesticide class is included in Appendix 1 to this report.

Table 2. Ten Most Frequently Applied Pesticide Products by NYC Agencies in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 100-1055 | WEATHERBLOK BAIT WITH BITREX | 0.00 | 5,740.19 | 39,236 | Brodifacoum | 3 | NO | NO |
| 100-1050 | TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BITREX | 0.07 | 3,194.81 | 12,792 | Brodifacoum | 3 | NO | NO |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 2.20 | 4,940.37 | 4,968 | Bromadiolone | 3 | NO | NO |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 1,427.89 | 3,722 | Bromadiolone | 3 | NO | NO |
| 7173-218 | GENERATION MINI BLOCKS | 130.03 | 2,429.11 | 3,475 | Difethialone | 3 | NO | NO |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 1,393.87 | 1,339 | Diphacinone | 3 | NO | NO |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|---|-------------|------------|---------------|
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 648.66 | 542 | Bromadiolone | 3 | NO | NO |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 307.19 | 478 | Bromadiolone | 3 | NO | NO |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 262.26 | 326 | Bromadiolone | 3 | NO | NO |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 169.76 | 220 | Bromadiolone | 3 | NO | NO |
| Insecticides | | | | | | | | |
| 432-1318 | MERIT 75 WSP | 0.00 | 1,524.16 | 10,553 | Imidacloprid | 3 | NO | NO |
| 64405-2 | REDZONE BAIT | 1.68 | 1,143.49 | 4,587 | Boric acid | 3 | NO | NO |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 5,038.84 | 0.01 | 3,593 | Esfenvalerate | 3 | NO | NO |
| 67425-14 | ECOPCO ACU | 126.65 | 294.08 | 3,547 | Phenylethyl propionate | 3 | NO | NO |
| 432-1259 | PRODUCT: RBF5 | 34.78 | 300.31 | 3,202 | Fipronil | 3 | YES | NO |
| 352-652 | DUPONT ADVION COCKROACH GEL BAIT | 10.19 | 75.26 | 2,390 | Indoxacarb | 3 | NO | NO |
| 54452-2 | STAPELTON'S MAGNETIC ROACH FOOD M.R.F. 2000 - PASTE FORMULA | 5.14 | 232.10 | 2,079 | Boric acid | 3 | NO | NO |
| 73049-19 | VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES | 0.00 | 59,164.53 | 1,947 | Bacillus thuringiensis, subsp. israelensis, strain AM 65-52 | 3 | NO | NO |
| 9444-129 | ROACH KIL COMMERCIAL | 0.00 | 376.23 | 1,300 | Boric acid | 3 | NO | NO |
| 499-507 | TC 248 | 0.33 | 44.65 | 1,283 | Dinotefuran | 3 | NO | NO |
| Herbicides | | | | | | | | |
| 524-475 | ROUNDUP ULTRA HERBICIDE | 840.19 | 57.84 | 1,189 | Glyphosate, isopropylamine salt | 3 | NO | NO |
| 62719-542 | DIMENSION 2EW | 29.80 | 7.50 | 460 | Dithiopyr | 2 | NO | NO |
| 228-397 | RIVERDALE VANQUISH HERBICIDE | 123.23 | 0.00 | 294 | Dicamba, diglycolamine salt | 3 | NO | NO |
| 66222-169 | NATIONS AG II SULFOMETURON METHYL 75 | 29.24 | 0.00 | 276 | Sulfometuron methyl | 3 | NO | NO |
| 73220-6 | GLYPHOSATE T&O | 146.72 | 0.00 | 249 | Glyphosate, isopropylamine salt | 2 | NO | NO |
| 62719-176 | PATHFINDER II | 197.46 | 0.00 | 189 | Triclopyr, butoxyethyl ester | 3 | NO | NO |
| 62719-322 | NAF-545 | 47.46 | 0.00 | 114 | Glyphosate, isopropylamine salt | 3 | NO | NO |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 62719-37 | GARLON* 3A | 59.34 | 0.00 | 113 | Triclopyr, triethylamine salt | 1 | NO | NO |
| 62719-324 | GLYPRO | 101.13 | 0.00 | 112 | Glyphosate, isopropylamine salt | 3 | NO | NO |
| 2217-581 | GORDON'S TRIMEC WEED & FEED 24 | 0.00 | 50.45 | 105 | 2,4-D; Dicamba; Mecoprop-P | 3 | YES | NO |
| Fungicides | | | | | | | | |
| 432-890 | ALIETTE WDG BRAND FUNGICIDE | 0.00 | 1,303.75 | 41 | Fosetyl-AI | 3 | NO | NO |
| 60063-7 | ECHO 720 AGRICULTURAL FUNGICIDE | 107.31 | 0.00 | 27 | Chlorothalonil | 2 | YES | NO |
| 100-1093 | HERITAGE FUNGICIDE | 0.09 | 81.64 | 26 | Azoxystrobin | 3 | NO | NO |
| 432-1360 | BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER SOLUBLE PACKETS | 1.00 | 188.79 | 25 | Triadimefon | 3 | YES | YES |
| 50534-202 | DACONIL SDG | 74.00 | 234.95 | 24 | Chlorothalonil | 1 | YES | NO |
| 60063-3 | ECHO 825 | 0.00 | 552.00 | 24 | Chlorothalonil | 1 | YES | NO |
| 7969-184 | INSIGNIA FUNGICIDE | 0.00 | 326.71 | 21 | Pyraclostrobin | 3 | NO | NO |
| 100-796 | SUBDUE MAXX | 45.20 | 21.38 | 18 | Mefenoxam | 3 | NO | NO |
| 432-942 | BANOL TURF AND ORNAMENTAL FUNGICIDE | 20.28 | 0.00 | 16 | Propamocarb hydrochloride | 3 | NO | NO |
| 58185-33 | DOMAIN FL | 8.53 | 0.00 | 14 | Thiophanate-methyl | 3 | YES | YES |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.59 | 3.00 | 62 | (7S)-Hydroprene | 3 | NO | NO |
| 59639-96 | DISTANCE INSECT GROWTH REGULATOR | 0.28 | 0.00 | 13 | Pyriproxyfen | 3 | NO | NO |
| 2724-476 | ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E) | 0.21 | 0.00 | 12 | (S)-Kinoprene | 2 | NO | NO |
| 400-478 | B-NINE WSG | 0.11 | 0.03 | 9 | Daminozide | 3 | YES | NO |
| 71096-7 | OR-CAL SLUG & SNAIL BAIT | 0.00 | 6.28 | 6 | Metaldehyde | 3 | NO | NO |
| 2217-768 | EMBARK E-Z-TU-USE PLANT GROWTH REGULATOR | 1.00 | 0.00 | 2 | Mefluidide, diethanolamine salt | 3 | NO | NO |
| 81117-1 | FOUR PAWS KEEP OFF! DOG & CAT REPELLENT | 0.25 | 0.00 | 2 | Benzyl-diethyl [(2,6-xylyl-carbamoyl)methyl] ammonium saccharide; Thymol | 3 | NO | NO |
| 67238-1 | HOT PEPPER WAX | 0.25 | 0.00 | 2 | Capsicum oleoresin | 3 | NO | NO |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| 524-482 | MON 21233 MANUFACTURING USE PRODUCT | 0.01 | 0.00 | 1 | Clofencet | 3 | YES | NO |
| 524-481 | MON 21200 TECHNICAL | 0.01 | 0.00 | 1 | Clofencet | 2 | YES | NO |

C. MUNICIPAL SHARE OF TOTAL PESTICIDE USE IN NYC

Because pesticides are applied on both properties owned or leased by municipal agencies (the subject of this report) as well as properties owned by private and other public entities, New York City government is responsible for just a share of the total pesticides applied annually within the city. Municipal agencies are not the only applicators of pesticides in New York City. We compared municipal agencies' pesticide use to that of *all* commercial pesticide applications in 2005, the latest year for which these data are available from the New York State Department of Environmental Conservation.

Municipal agencies accounted for 12.8% of all pesticides applied in New York City in 2007. Agencies applied 12.1% of all rodenticides by volume and 4.2% by weight. Agencies' share of the total use of insecticides was 16.5% by volume and 41.6% by weight. The vast majority of insecticides applied by New York City by weight were non-chemical bacterial larvicides applied to stagnant water for the control of West Nile Virus vector mosquitoes. New York City agencies accounted for 35.5% by volume and 15% by weight of all herbicides. Agencies accounted for a significant share of fungicides applied by weight (71.5%), primarily for turf on city-owned golf courses, but just a small fraction of the far greater quantity of fungicides applied as liquids (0.4%). These findings are summarized in Table 3. The percentages attributable to New York City agencies are likely underestimated for solid insecticides, as the Housing Authority and Department of Sanitation provided records in paper form that could not be summarized, the New York Public Library and Police Department provided data too late to be included in this report, and data were not available for the the majority of the Queens Public Library facilities, or for the City University of New York.

Table 3. Pesticide Applied by NYC Agencies in 2007 as a Percentage of Total Applications in NYC (2005), by Pesticide Type

| Pesticide Type | Quantity Applied | | | | | |
|----------------|------------------|--------------|---------------------------|------------------|--------------|---------------------------|
| | Volume (Gallons) | | | Weight (Pounds) | | |
| | All Applications | NYC Agencies | % Applied by NYC Agencies | All Applications | NYC Agencies | % Applied by NYC Agencies |
| Rodenticides | 1,095 | 132 | 12.1% | 505,716 | 21,311 | 4.2% |
| Insecticides | 46,190 | 7,607 | 16.5% | 284,643 | 118,322 | 41.6% |
| Herbicides | 6,246 | 2,218 | 35.5% | 153,587 | 22,981 | 15.0% |
| Fungicides | 119,567 | 489 | 0.4% | 14,416 | 10,302 | 71.5% |

D. SUMMARY OF AGENCIES' PESTICIDE USE

For each reporting agency, we summarize below total pesticide use by pesticide type, followed by a listing of pesticide products used and their total use by reporting City agencies.

Aging

The Department for the Aging (DFTA) contracts with non-profit senior service providers to administer 76 different city-owned and city-leased sites, 33 of which engage in food preparation or storage. DFTA contracts with private vendors for its pest control to address typical structural urban pest issues, such as roaches, rodents, and flies. In 2007, DFTA provided paper records only, which are not summarized here.

Citywide Administrative Services

The Department of Citywide Administrative Services (DCAS) oversees surplus city-owned property and the commercial real estate portfolio for the City. Of the 14,000 city-owned lots, DCAS is directly responsible for the management of approximately 2,400 of these properties. DCAS cleans and maintains 53 DCAS-managed buildings with 13,365,398 square feet of space throughout the city. These include City Hall, the four Borough Halls, the Manhattan and Brooklyn Municipal Buildings, and all state and municipal court buildings. DCAS administers the city-wide contract for pest control which city agencies may use to purchase pest control services. Several agencies are housed in DCAS managed buildings. Table 4 summarizes pesticide use by pesticide type. Table 5 lists all pesticide products used by DCAS in 2007.

Table 4: Types of Pesticides Used by DCAS in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 184.1 | 100.0% | 51.5 | 12.4% | 265 | 54.9% |
| Rodenticide | 0.0 | 0.0% | 364.4 | 87.6% | 216 | 44.7% |
| Other | 0.0 | 0.0% | 0.1 | 0.0% | 2 | .4% |
| Totals | 184.1 | | 416.1 | | 483 | |

Table 5: Pesticide Products Used by DCAS in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 141.34 | 92 | Bromadiolone | 3 | No | No |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 139.55 | 78 | Diphacinone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 22.13 | 20 | Bromadiolone | 3 | No | No |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 56.05 | 13 | Bromadiolone | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 2.11 | 8 | Bromadiolone | 3 | No | No |
| 3240-28 | RAMPAGE MOUSE SEED | 0.00 | 3.24 | 5 | Cholecalciferol | 3 | No | No |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.00 | 0.13 | 2 | (7S)-Hydroprene | 3 | No | No |
| Insecticides | | | | | | | | |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 183.64 | 0.00 | 161 | Esfenvalerate | 3 | No | No |
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 8.87 | 46 | Avermectin | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 0.00 | 6.78 | 28 | Avermectin | 3 | No | No |
| 67425-14 | ECOPCO ACU | 0.00 | 22.44 | 17 | Phenylethyl propionate | 3 | No | No |
| 64405-2 | REDZONE BAIT | 0.00 | 13.41 | 11 | Boric acid | 3 | No | No |
| 397-13 | STERI-FAB | 0.50 | 0.00 | 1 | Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride; Isopropyl alcohol; Phenothrin | 2 | No | No |
| 432-1264 | MAXFORCE ABF4 | 0.00 | 0.01 | 1 | Fipronil | 3 | Yes | No |

Corrections

The Department of Corrections (DOC) oversees 44 facilities, including ten correctional facilities that have food preparation areas, laundries, residential areas for inmates, and office space. DOC does not employ contractors for pest management purposes, but relies on ten in-house pest control professionals and works with DCAS and HHC in maintaining certain facilities. DOC provided only paper records which are not summarized here.

Education

Pest management at all New York City public schools is overseen by the Department of Education (DOE) with fourteen in-house staff who conduct monthly monitoring inspections at 850 schools. DOE contracts with several pest control companies to additionally provide services for an additional 200 schools. Table 6 summarizes pesticide use by pesticide type. Table 7 lists all pesticide products used by DOE in 2007.

Table 6: Types of Pesticides Used by DOE in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 278.9 | 67.7% | 2,066 | 36.4% | 19,645 | 78.9% |
| Rodenticide | 132.2 | 32.1% | 3,608 | 63.6% | 5,226 | 21.0% |
| Other | 0.8 | 0.2% | 0 | 0.0% | 40 | 0.2% |
| Totals | 411.9 | | 5,674 | | 24,911 | |

Table 7: Pesticide Products Used by DOE in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. App'l's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|--------------|--|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 7173-218 | GENERATION MINI BLOCKS | 130.03 | 1,961.92 | 2,890 | Difethialone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 2.20 | 1,559.89 | 2,233 | Bromadiolone | 3 | No | No |
| 100-1057 | TALON-G RODENTICIDE MINI-PELLETS WITH BITREX | 0.00 | 72.70 | 101 | Brodifacoum | 3 | No | No |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 13.75 | 2 | Bromadiolone | 3 | No | No |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRAT E | 0.52 | 0.00 | 38 | (7S)-Hydroprene | 3 | No | No |
| 81117-1 | FOUR PAWS KEEP OFF! DOG & CAT REPELLENT | 0.25 | 0.00 | 2 | Benzyl-diethyl [(2,6-xylyl-carbamoyl)methyl] ammonium saccharide; Thymol | 3 | No | No |
| Insecticides | | | | | | | | |
| 64405-2 | REDZONE BAIT | 1.68 | 1,061.66 | 4,454 | Boric acid | 3 | No | No |
| 67425-14 | ECOPCO ACU | 119.27 | 140.17 | 3,361 | Phenylethyl propionate | 3 | No | No |
| 432-1259 | PRODUCT: RBF5 | 34.78 | 204.21 | 2,850 | Fipronil | 3 | Yes | No |
| 352-652 | DUPONT ADVION COCKROACH GEL BAIT | 10.19 | 71.53 | 2,330 | Indoxacarb | 3 | No | No |
| 54452-2 | STAPELTON'S MAGNETIC ROACH FOOD M.R.F. 2000 - PASTE FORMULA | 5.14 | 232.10 | 2,079 | Boric acid | 3 | No | No |
| 499-507 | TC 248 | 0.33 | 44.35 | 1,261 | Dinotefuran | 3 | No | No |
| 499-384 | WHITMIRE PT 240 PERMA-DUST INSECTICIDE | 46.82 | 7.44 | 1,199 | Boric acid | 3 | No | No |
| 9444-132 | MOP UP | 0.16 | 238.92 | 782 | Disodium octaborate tetrahydrate | 3 | No | No |
| 9444-131 | DRAX ANT KILL GEL | 18.16 | 10.48 | 487 | Boric acid | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 73766-1 | GOURMET ANT BAIT GEL | 15.03 | 20.95 | 348 | Disodium octaborate tetrahydrate | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 17.00 | 6.65 | 242 | Avermectin | 3 | No | No |
| 2724-484 | RF 9707 AEROSOL | 8.74 | 0.15 | 182 | (7S)-Hydroprene | 3 | No | No |
| 432-763 | K-OTHRINE SC INSECTICIDE | 0.77 | 0.00 | 28 | Deltamethrin | 3 | No | No |
| 352-668 | DUPONT ADVION COCKROACH BAIT ARENA | 0.00 | 0.15 | 12 | Indoxacarb | 3 | No | No |
| 67425-4 | ECOPCO AC CONTACT INSECTICIDE | 0.60 | 0.00 | 10 | Eugenol; Phenylethyl propionate | 3 | No | No |
| 6218-47 | SUMMIT B.T.I. BRIQUETS | 0.00 | 25.29 | 9 | Bacillus thuringiensis subspecies israelensis strain BMP 144 | 3 | No | No |
| 279-3153 | FIRSTLINE TERMITE BAIT STATION | 0.00 | 0.28 | 4 | Sulfluramid | 3 | No | No |
| 2724-375 | ALTOSID BRIQUETS | 0.00 | 0.50 | 2 | S-Methoprene | 3 | No | No |
| 499-362 | WHITMIRE PT 515 WASP FREEZE | 0.14 | 0.00 | 1 | D-trans Allethrin; Phenothrin | 3 | Yes | No |
| 67425-19 | ECOPCO JET/X | 0.11 | 0.00 | 1 | Phenylethyl propionate; Piperonyl butoxide | 3 | Yes | No |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRAT E 2662 | 0.00 | 0.00 | 1 | Esfenvalerate | 3 | No | No |
| 64405-8 | NIBOR BORATE INSECTICIDE AND FUNGICIDE | 0.00 | 1.00 | 1 | Disodium octaborate tetrahydrate | 3 | No | No |
| 73079-1 | INTICE SWEET ANT GEL | 0.00 | 0.06 | 1 | Boric acid | 3 | No | No |

Environmental Protection

The Department of Environmental Protection (DEP) has over 1,700 facilities upstate and downstate. These include water pollution control plants, well stations, pumping stations, shafts, chambers, reservoirs, aqueducts, tunnels, gate houses, office space, garages, repair shops, maintenance shops, and police precincts within New York City. DEP contracts for some pest control services and employ approximately 20 licensed applicators for upstate reservoir pest control. Table 8 summarizes pesticide use by pesticide type. Table 9 lists all pesticide products used by DEP in 2007.

Table 8: Types of Pesticides Used by DEP in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 4,490 | 100.0% | 130 | 9.1% | 849 | 58.3% |
| Rodenticide | 0 | 0.0% | 1,291 | 90.9% | 589 | 40.4% |
| Herbicide | 1 | 0.0% | 0 | 0.0% | 19 | 1.3% |
| Totals | 4,491 | | 1,421 | | 1,457 | |

Table 9: Pesticide Products Used by DEP in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 568.07 | 310 | Diphacinone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 683.63 | 214 | Bromadiolone | 3 | No | No |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 13.17 | 20 | Bromadiolone | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 2.24 | 18 | Bromadiolone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 7.31 | 12 | Bromadiolone | 3 | No | No |
| 3240-28 | RAMPAGE MOUSE SEED | 0.00 | 1.87 | 11 | Cholecalciferol | 3 | No | No |
| 100-1057 | TALON-G RODENTICIDE MINI-PELLETS WITH BITREX | 0.00 | 3.22 | 3 | Brodifacoum | 3 | No | No |
| 7173-222 | MAKI RODENTICIDE BLOCK | 0.00 | 11.25 | 1 | Bromadiolone | 3 | No | No |
| Insecticides | | | | | | | | |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 3,439.16 | 0.01 | 502 | Esfenvalerate | 3 | No | No |
| 1021-1718 | ETOC FOGGING CONCENTRATE 2764 | 1,049.63 | 0.00 | 194 | Prallethrin | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 0.00 | 21.12 | 57 | Avermectin | 3 | No | No |
| 67425-14 | ECOPCO ACU | 0.00 | 78.84 | 42 | Phenylethyl propionate | 3 | No | No |
| 64405-2 | REDZONE BAIT | 0.00 | 19.25 | 22 | Boric acid | 3 | No | No |
| 6218-47 | SUMMIT B.T.I. BRIQUETS | 0.00 | 9.66 | 8 | Bacillus thuringiensis subspecies israelensis strain BMP 144 | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 0.94 | 6 | Avermectin | 3 | No | No |
| 432-1363 | TEMPO SC INSECTICIDE | 0.01 | 0.00 | 5 | Cyfluthrin, beta | 3 | No | No |
| 1021-1643 | EVERCIDE EMULSIFIABLE CONCENTRATE 2667 | 0.47 | 0.00 | 4 | Esfenvalerate | 2 | No | No |
| 1021-1649 | MULTICIDE WASP AND HORNET KILLER 2695 | 0.35 | 0.00 | 3 | Phenothrin; Tetramethrin | 3 | Yes | No |
| 9444-185 | CB-540 FOGGER AIR-DEVIL RESIDUAL WITH CYPERMETHRIN | 0.12 | 0.00 | 2 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 9444-182 | INTRUDER RESIDUAL WITH CYFLUTHRIN | 0.11 | 0.00 | 2 | Cypermethrin, beta | 3 | Yes | No |
| 9444-183 | VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES | 0.02 | 0.00 | 1 | Cyfluthrin; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 73049-19 | VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES | 0.00 | 0.02 | 1 | Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52 | 3 | No | No |
| Herbicides | | | | | | | | |
| 524-475 | ROUNDUP ULTRA HERBICIDE | 1.37 | 0.00 | 19 | Glyphosate, isopropylamine salt | 3 | No | No |

Fire Department

The Fire Department of New York City (FDNY) manages some 350 facilities throughout the City and contracts for pest control services. Table 10 summarizes pesticide use by pesticide type. Table 11 lists all pesticide products used by FDNY in 2007.

Table 10: Types of Pesticides Used by FDNY in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 986.6 | 100.0% | 57 | 4.0% | 2,251 | 56.0% |
| Rodenticide | 0.0 | 0.0% | 1,369 | 95.9% | 1,761 | 43.8% |
| Other | 0.0 | 0.0% | 1 | 0.1% | 11 | 0.3% |
| Totals | 986.6 | | 1,427 | | 4,023 | |

Table 11: Pesticide Products Used by FDNY in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 807.63 | 735 | Bromadiolone | 3 | No | No |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 344.66 | 631 | Diphacinone | 3 | No | No |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 87.14 | 163 | Bromadiolone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 74.72 | 89 | Bromadiolone | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 45.30 | 77 | Bromadiolone | 3 | No | No |
| 3240-28 | RAMPAGE MOUSE SEED | 0.00 | 9.57 | 63 | Cholecalciferol | 3 | No | No |
| 12455-36 | CONTRAC RAT AND MOUSE BAIT | 0.00 | 0.04 | 3 | Bromadiolone | 3 | No | No |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.00 | 0.75 | 11 | (7S)-Hydroprene | 3 | No | No |
| Insecticides | | | | | | | | |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 943.19 | 0.00 | 2,042 | Esfenvalerate | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 0.00 | 12.78 | 74 | Avermectin | 3 | No | No |
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 1.25 | 49 | Avermectin | 3 | No | No |
| 64405-2 | REDZONE BAIT | 0.00 | 17.27 | 47 | Boric acid | 3 | No | No |
| 67425-14 | ECOPCO ACU INTICE SWEET | 0.00 | 24.44 | 19 | Phenylethyl propionate | 3 | No | No |
| 73079-1 | ANT GEL | 0.00 | 0.97 | 5 | Boric acid | 3 | No | No |
| 432-1264 | MAXFORCE ABF4 | 0.00 | 0.06 | 5 | Fipronil | 3 | Yes | No |
| 397-13 | STERI-FAB | 7.38 | 0.00 | 4 | Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride; Isopropyl alcohol; Phenothrin | 2 | No | No |
| 6218-47 | SUMMIT B.T.I. BRIQUETS | 2.00 | 0.17 | 3 | Bacillus thuringiensis subspecies israelensis strain BMP 144 | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| 499-384 | WHITMIRE PT 240 PERMA-DUST INSECTICIDE | 0.00 | 0.44 | 2 | Boric acid | 3 | No | No |
| 100-1218 | DEMON MAX INSECTICIDE | 34.00 | 0.00 | 1 | Cypermethrin, beta | 2 | Yes | No |

Health and Hospitals Corporation

The New York City Health and Hospitals Corporation (HHC) oversees eleven hospitals, six diagnostic and treatment centers, 82 community health and school-based clinics, and five long-term care/specialty hospital and nursing home facilities. Because each facility is managed separately, pest control protocols differ among facilities. A few facilities have pest control professionals on staff, but the majority relies on one of two outside contractors. Table 12 summarizes pesticide use by pesticide type. Table 13 lists products by pesticide types. Each product is listed, unless more than 10 products of a given type were used, in which case the 10 most frequently applied products are listed. Appendix 2 includes a complete listing of products used by HHC in 2007.

Table 12: Types of Pesticides Used by HHC in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 583.2 | 100.0% | 882 | 49.9% | 4,353 | 85.5% |
| Rodenticide | 0.0 | 0.0% | 883 | 50.1% | 731 | 14.4% |
| Other | 0.1 | 0.0% | 0 | 0.0% | 8 | 0.2% |
| Totals | 583.3 | | 1,765 | | 5,092 | |

Table 13: Ten Most Frequently Applied Pesticide Products by HHC in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 712.97 | 545 | Bromadiolone | 3 | No | No |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 51.38 | 93 | Bromadiolone | 3 | No | No |
| 12455-89 | FINAL ALL-WEATHER BLOX | 0.00 | 13.35 | 31 | Brodifacoum | 3 | No | No |
| 12455-56 | DITRAC TRACKING POWDER | 0.00 | 9.50 | 16 | Diphacinone | 2 | No | No |
| 12455-16 | ZP TRACKING POWDER | 0.00 | 2.50 | 13 | Zinc phosphide | 2 | No | No |
| 7173-218 | GENERATION MINI BLOCKS | 0.00 | 78.94 | 12 | Difethialone | 3 | No | No |
| 100-1055 | WEATHERBLOK BAIT WITH BITREX | 0.00 | 5.16 | 10 | Brodifacoum | 3 | No | No |
| 7173-172 | ROZOL BLUE TRACKING POWDER | 0.00 | 5.00 | 5 | Chlorophacinone | 2 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 4.13 | 4 | Bromadiolone | 3 | No | No |
| 7173-113 | ROZOL TRACKING POWDER | 0.00 | 0.38 | 2 | Chlorophacinone | 2 | No | No |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.07 | 0.00 | 8 | (7S)-Hydroprene | 3 | No | No |
| Insecticides | | | | | | | | |
| 9444-129 | ROACH KIL COMMERCIAL | 0.00 | 363.10 | 1,248 | Boric acid | 3 | No | No |
| 432-1254 | MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL | 0.00 | 73.92 | 1,048 | Hydramethylnon | 3 | Yes | Yes |
| 432-1259 | PRODUCT: RBF5 TEMPO SC | 0.00 | 93.39 | 287 | Fipronil | 3 | Yes | No |
| 432-1363 | INSECTICIDE | 204.61 | 0.00 | 158 | Cyfluthrin, beta | 3 | No | No |
| 432-1255 | MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER/GRANULAR BAIT | 0.00 | 54.65 | 141 | Hydramethylnon | 3 | Yes | Yes |
| 47000-73 | CT 511 | 0.00 | 57.95 | 120 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 432-763 | K-OTHRINE SC INSECTICIDE | 90.96 | 0.00 | 107 | Deltamethrin | 3 | No | No |
| 100-1066 | DEMAND CS INSECTICIDE | 99.94 | 0.00 | 95 | Cyhalothrin, lambda | 3 | No | No |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 129.98 | 0.00 | 94 | Cyfluthrin, beta | 3 | No | No |
| 499-294 | WHITMIRE AVERT PT 310 ABAMECTIN DUST | 0.00 | 5.94 | 82 | Avermectin | 3 | No | No |

Health and Mental Hygiene

The Bureau of Veterinary and Pest Control Services at DOHMH protects the public from animal- and vector-borne diseases and other hazards, including those that result from uncontrolled or unregulated rodents and other animals, and from mosquito-borne pathogens. Two programs, Pest Control Services (PCS) and Vector Surveillance and Control (VSC) have pest management responsibilities. PCS focuses on rodent control – performing inspections, cleanups and treatments of both private and public property. Currently, PCS employs twenty-one exterminators to bait properties that have signs of active rodents with rodenticide placed either directly in rat burrows or in tamper resistant bait stations. VSC is charged with mosquito management. Table 14 summarizes pesticide use by pesticide type. Table 15 lists all pesticide products used by DOHMH in 2007.

Table 14: Types of Pesticides Used by DOHMH in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|------------|------------|----------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Rodenticide | 0.1 | 100.0% | 10,522 | 9.6% | 55,781 | 95.5% |
| Insecticide | 0.0 | 0.0% | 99,434 | 90.4% | 2,610 | 4.5% |
| Totals | 0.1 | | 109,955 | | 58,391 | |

Table 15: Pesticide Products Used by DOHMH in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|---|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 100-1055 | WEATHERBLOK BAIT WITH BITREX | 0.00 | 5,735.0 | 39,226 | Brodifacoum | 3 | No | No |
| 100-1050 | TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BITREX | 0.07 | 3,192.1 | 12,775 | Brodifacoum | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 1,142.7 | 2,985 | Bromadiolone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 326.1 | 617 | Bromadiolone | 3 | No | No |
| 100-1057 | TALON-G RODENTICIDE MINI-PELLETS WITH BITREX | 0.00 | 106.3 | 83 | Brodifacoum | 3 | No | No |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 2.8 | 37 | Diphacinone | 3 | No | No |
| 56-42 | EATON'S BAIT BLOCKS RODENTICIDE WITH MOLASSES/PEANUT BUTTER FLAVOR | 0.00 | 3.1 | 19 | Diphacinone | 3 | No | No |
| 7173-113 | ROZOL TRACKING POWDER | 0.00 | 3.7 | 18 | Chlorophacinone | 2 | No | No |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 5.1 | 11 | Bromadiolone | 3 | No | No |
| 12455-56 | DITRAC TRACKING POWDER | 0.00 | 2.9 | 8 | Diphacinone | 2 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 1.9 | 2 | Bromadiolone | 3 | No | No |
| Insecticides | | | | | | | | |
| 73049-19 | VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES | 0.00 | 59,164.3 | 1,938 | Bacillus thuringiensis, subsp. israelensis, strain AM 65-52 | 3 | No | No |
| 73049-20 | VECTOLEX CG BIOLOGICAL LARVICIDE | 0.00 | 39,706.5 | 639 | Bacillus sphaericus | 3 | No | No |
| 1021-1688 | MULTICIDE MOSQUITO ADULTICIDING CONCENTRATE 2705 | 0.00 | 513.04 | 30 | Phenothrin; Piperonyl butoxide | 3 | Yes | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|------------------|---------------|--------------|-------------|--|-------------|------------|---------------|
| 62637-3 | BMP (144 200 G) | 0.00 | 50.00 | 3 | Bacillus thuringiensis subspecies israelensis, strain IPS-78 | 3 | No | No |

Homeless Services

The Department of Homeless Services (DHS) manages homeless shelters and dormitory facilities across the City. Of these, six are Family Services operated, five provide dormitory facilities for families with children and one facility, PATH, is an intake facility. There are four adult facilities which also provide housing for men. DHS also operates and manages warehouses. Pest management services, which primarily address rodent and cockroach infestations, are provided by an outside contractor. Table 16 summarizes pesticide use by pesticide type. Table 17 lists all pesticide products used by DHS in 2007.

Table 16: Types of Pesticides Used by DHS in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|-------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 98.2 | 100.0% | 12.6 | 3.8% | 167 | 56.4% |
| Rodenticide | 0.0 | 0.0% | 323.3 | 96.2% | 129 | 43.6% |
| Totals | 98.2 | | 335.9 | | 296 | |

Table 17: Pesticide Products Used by DHS in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 212.94 | 89 | Diphacinone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 92.94 | 26 | Bromadiolone | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 10.39 | 8 | Bromadiolone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 4.31 | 3 | Bromadiolone | 3 | No | No |
| 3240-28 | RAMPAGE MOUSE SEED | 0.00 | 1.30 | 2 | Cholecalciferol | 3 | No | No |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 1.38 | 1 | Bromadiolone | 3 | No | No |
| Insecticides | | | | | | | | |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 98.22 | 0.00 | 135 | Esfenvalerate | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|---------------------------|-------------|------------|---------------|
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 6.04 | 27 | Avermectin | 3 | No | No |
| 67425-14 | ECOPCO ACU | 0.00 | 1.88 | 3 | Phenylethyl propionate | 3 | No | No |
| 64405-2 | REDZONE BAIT | 0.00 | 3.38 | 1 | Boric acid | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 0.00 | 1.32 | 1 | Avermectin | 3 | No | No |

Housing Authority

The New York City Housing Authority (NYCHA) manages 2,644 residential buildings and 178,466 apartments, as well as office space and grounds that cover 2,502 acres. NYCHA currently has a staff of some 75 pest control professionals that perform routine inspections and treatments, carry out specialized intensive IPM interventions, apply pesticides, and respond to complaints and requests from other agencies. NYCHA staff members regularly address a range of insect and rodent problems, including interior mice, cockroaches and bedbugs and exterior rats, weeds, and mosquito control. NYCHA provided only scanned paper records which are not summarized here. Table 18 lists the products used by NYCHA in 2007.

Table 18: Pesticide products reported used by NYCHA in 2007

| PRODUCT | Active Ingredient |
|-----------------------------|-------------------|
| CYNOFF (1 % dosage rate) | Cypermethrin |
| MAXFORCE | Fipronil |
| MAKI PELLETS | Bromadiolone |
| DITRAC BAIT BLOCKS | Diphacinone |
| DITRAC TRAC PWD | Diphacinone |
| CONTRAC PELLETS | Bromadiolone |
| MAX FORCE GEL FC | Fipronil |
| CONTRACT BLOX | Bromadiolone |
| CY-KICK (1 % dosage rate) | Cyfluthrin |
| AVERT GEL | Abamectin B1 |
| AVERT BAIT | Abamectin B1 |
| SUSPEND SC (1% dosage rate) | Deltamethrin |

Housing Preservation and Development

Housing Preservation and Development (HPD) oversees occupied and vacant residential and commercial buildings, vacant lots as well as a limited number of agency offices. In addition, its Emergency Repair Program occasionally encounters and responds to rats and fleas in occupied private buildings. There are no certified applicators on staff and the agency contracts for pest control services. Table 19 summarizes pesticide use by pesticide type. Table 20 lists all pesticide products used by HPD in 2007.

Table 19: Types of Pesticides Used by HPD in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|-------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Rodenticide | 0.0 | 0.0% | 762.5 | 97.9% | 576 | 63.9% |
| Insecticide | 49.5 | 100.0% | 16.1 | 2.1% | 325 | 36.0% |
| Other | 0.0 | 0.0% | 0.1 | 0.0% | 1 | 0.1% |
| Totals | 49.5 | | 778.6 | | 902 | |

Table 20: Pesticide Products Used by HPD in 2007

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 202.58 | 212 | Bromadiolone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 266.25 | 165 | Bromadiolone | 3 | No | No |
| 7173-189 | MAKI PARAFFIN BLOCKS | 0.00 | 177.94 | 96 | Bromadiolone | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 19.90 | 32 | Bromadiolone | 3 | No | No |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 75.19 | 31 | Bromadiolone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 13.81 | 18 | Bromadiolone | 3 | No | No |
| 100-1050 | TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BITREX | 0.00 | 2.76 | 17 | Brodifacoum | 3 | No | No |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 1.88 | 2 | Diphacinone | 3 | No | No |
| 100-1057 | TALON-G RODENTICIDE MINI-PELLETS WITH BITREX | 0.00 | 1.25 | 2 | Brodifacoum | 3 | No | No |
| 12455-29 | DITRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 0.94 | 1 | Diphacinone | 3 | No | No |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.00 | 0.06 | 1 | (7S)-Hydroprene | 3 | No | No |
| Insecticides | | | | | | | | |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 0.00 | 4.98 | 205 | Cyfluthrin, beta | 3 | No | No |
| 432-1259 | PRODUCT: RBF5 | 0.00 | 2.49 | 60 | Fipronil | 3 | Yes | No |
| 432-1254 | MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL | 0.00 | 2.80 | 28 | Hydramethylnon | 3 | Yes | Yes |
| 2724-352 | ZOECON RF-291 EMULSIFIABLE CONCENTRATE WITH PRECOR | 0.00 | 3.45 | 7 | S-Methoprene | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 279-3070 | CYNOFF WP INSECTICIDE | 1.50 | 0.00 | 6 | Cypermethrin, beta | 2 | Yes | No |
| 9444-166 | CB-405 FOGGER WB | 0.00 | 1.78 | 6 | Esfenvalerate; N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 279-3081 | CYNOFF EC INSECTICIDE | 0.00 | 0.31 | 4 | Cypermethrin, beta | 3 | Yes | No |
| 241-392 | PHANTOM TERMITICIDE-INSECTICIDE | 45.00 | 0.00 | 2 | Chlorfenapyr | 3 | Yes | No |
| 432-763 | K-OTHRINE SC INSECTICIDE | 0.00 | 0.11 | 2 | Deltamethrin | 3 | No | No |
| 100-1066 | DEMAND CS INSECTICIDE | 0.00 | 0.09 | 2 | Cyhalothrin, lambda | 3 | No | No |
| 2724-490 | RF 9910 AEROSOL | 3.00 | 0.00 | 1 | N-octyl bicycloheptene dicarboximide; Permethrin; Phenothrin; Piperonyl butoxide; S-Methoprene | 3 | Yes | No |
| 432-1235 | OMEN 30-30 ULV | 0.00 | 0.04 | 1 | Permethrin; Piperonyl butoxide | 3 | Yes | No |
| 432-1359 | TEMPO 2 GREENHOUSE AND NURSERY INSECTICIDE | 0.00 | 0.03 | 1 | Cyfluthrin | 2 | No | No |

Juvenile Justice

The Department of Juvenile Justice (DJJ) operates three secure detention and 17 non-secure detention facilities located throughout the City that admit over 5,000 youth each year. DJJ contracts out its exterminating services. Table 21 summarizes pesticide use by pesticide type. Table 22 lists all pesticide products used by DJJ in 2007.

Table 21: Types of Pesticides Used by DJJ in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|-------------|------------|-------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 26.5 | 100.0% | 18.9 | 28.1% | 144 | 70.2% |
| Rodenticide | 0.0 | 0.0% | 48.4 | 71.9% | 61 | 29.8% |
| Totals | 26.5 | | 67.3 | | 205 | |

Table 22: Pesticide Products Used by DJJ in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 40.88 | 46 | Bromadiolone | 3 | No | No |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 3.19 | 10 | Bromadiolone | 3 | No | No |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 4.31 | 4 | Bromadiolone | 3 | No | No |
| 12455-69 | CONTRAC RODENTICIDE | 0.00 | 0.02 | 1 | Bromadiolone | 3 | No | No |
| Insecticides | | | | | | | | |
| 9444-129 | ROACH KIL COMMERCIAL | 0.00 | 13.13 | 52 | Boric acid | 3 | No | No |
| 432-1254 | MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL | 0.00 | 3.86 | 48 | Hydramethylnon | 3 | Yes | Yes |
| 432-1363 | TEMPO SC INSECTICIDE | 6.50 | 0.00 | 13 | Cyfluthrin, beta | 3 | No | No |
| 432-763 | K-OTHRINE SC INSECTICIDE | 8.25 | 0.00 | 10 | Deltamethrin | 3 | No | No |
| 100-1066 | DEMAND CS INSECTICIDE | 7.75 | 0.00 | 9 | Cyhalothrin, lambda | 3 | No | No |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 4.00 | 0.00 | 5 | Cyfluthrin, beta | 3 | No | No |
| 1677-196 | ECO2000-XP FRESHBAIT | 0.00 | 0.17 | 4 | Boric acid | 3 | No | No |
| 1677-191 | ECO2000-GR | 0.00 | 0.94 | 1 | Boric acid | 3 | No | No |
| 47000-73 | CT 511 | 0.00 | 0.81 | 1 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 432-1264 | MAXFORCE ABF4 | 0.00 | 0.00 | 1 | Fipronil | 3 | Yes | No |

Parks and Recreation

New York City's has 28,000 acres of parks, playgrounds, athletic fields, natural areas, recreational facilities, comfort stations, beaches, historic buildings, and parkways maintained by the Department of Parks and Recreation (DPR). The major pest issues facing DPR are weeds (including weed shrubs and weed trees) and rodents. Rarer infestations of exotic insect pests and diseases, often targeting trees, also occur. To address these, DPR employs 104 certified pesticide applicators. Herbicides account for the largest share of DPR's total pesticide use. Contractors are hired for pest management when peripheral rodent problems arise on capital projects.

This data includes pesticides applied on all city-owned golf courses. Local Law 37 exempts these locations from pesticide prohibitions. The table also includes the data from sister

organizations that operate on DPR property such as zoos, conservancies, and botanic gardens. Table 23 summarizes pesticide use by pesticide type. Table 24, below lists for each pesticide type, all products used, unless there were more than 10, in which case the 10 most frequently applied products are listed. Appendix 2 includes a complete product listing for DPR.

Table 23: Types of Pesticides Used by DPR in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|---------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Insecticide | 523 | 20.3% | 15,645 | 30.8% | 12,075 | 68.9% |
| Rodenticide | 0 | 0.0% | 1,816 | 3.6% | 2,574 | 14.7% |
| Herbicide | 1,563 | 60.7% | 22,981 | 45.3% | 2,406 | 13.7% |
| Fungicide | 489 | 19.0% | 10,302 | 20.3% | 422 | 2.4% |
| Other | 2 | 0.1% | 6 | 0.0% | 50 | 0.3% |
| Totals | 2,577 | | 50,751 | | 17,527 | |

Table 24. Ten Most Frequently Applied Pesticide Products by DPR in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 7173-218 | GENERATION MINI BLOCKS | 0.00 | 388.25 | 573 | Difethialone | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 196.44 | 550 | Bromadiolone | 3 | No | No |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 551.28 | 501 | Bromadiolone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 156.69 | 300 | Bromadiolone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 158.69 | 187 | Bromadiolone | 3 | No | No |
| 7173-211 | GENERATION RODENTICIDE BAIT PACKS (PELLETS) | 0.00 | 100.47 | 119 | Difethialone | 3 | No | No |
| 12455-97 | FASTRAC PLACE PACS | 0.00 | 53.65 | 58 | Bromethalin | 3 | No | No |
| 12455-91 | FINAL RODENTICIDE READY-TO-USE PLACE PAC | 0.00 | 56.34 | 57 | Brodifacoum | 3 | No | No |
| 12455-29 | DITRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.09 | 50.25 | 51 | Diphacinone | 3 | No | No |
| 12455-89 | FINAL ALL-WEATHER BLOX | 0.00 | 33.37 | 44 | Brodifacoum | 3 | No | No |
| Other | | | | | | | | |
| 59639-96 | DISTANCE INSECT GROWTH REGULATOR | 0.28 | 0.00 | 13 | Pyriproxyfen | 3 | No | No |
| 2724-476 | ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E) | 0.21 | 0.00 | 12 | (S)-Kinoprene | 2 | No | No |
| 400-478 | B-NINE WSG | 0.11 | 0.03 | 9 | Daminozide | 3 | Yes | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 71096-7 | OR-CAL SLUG & SNAIL BAIT | 0.00 | 6.28 | 6 | Metaldehyde | 3 | No | No |
| 2217-768 | EMBARK E-Z-TU-USE PLANT GROWTH REGULATOR | 1.00 | 0.00 | 2 | Mefluidide, diethanolamine salt | 3 | No | No |
| 67238-1 | HOT PEPPER WAX | 0.25 | 0.00 | 2 | Capsicum oleoresin | 3 | No | No |
| 524-479 | GENESIS HYBRIDIZING AGENT | 0.01 | 0.00 | 1 | Clofencet | 3 | Yes | No |
| 524-478 | BACILLUS THURINGIENSIS VAR KURSTAKI INSECT CONTROL PROTEIN | 0.01 | 0.00 | 1 | Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | No | No |
| 524-482 | MON 21233 MANUFACTURING USE PRODUCT | 0.01 | 0.00 | 1 | Clofencet | 3 | Yes | No |
| 524-481 | MON 21200 TECHNICAL | 0.01 | 0.00 | 1 | Clofencet | 2 | Yes | No |
| Insecticides | | | | | | | | |
| 432-1318 | MERIT 75 WSP | 0.00 | 1,524.16 | 10,553 | Imidacloprid | 3 | No | No |
| 73049-20 | VECTOLEX CG BIOLOGICAL LARVICIDE | 0.00 | 6,774.00 | 410 | Bacillus sphaericus | 3 | No | No |
| 7946-25 | IMICIDE HP | 32.86 | 0.00 | 336 | Imidacloprid | 3 | No | No |
| 432-763 | K-OTHRINE SC INSECTICIDE | 48.70 | 0.00 | 210 | Deltamethrin | 3 | No | No |
| 432-992 | DRIONE INSECTICIDE | 0.00 | 14.03 | 41 | Piperonyl butoxide; Pyrethrins; Silica gel | 3 | Yes | No |
| 862-23 | SUNSPRAY 6E PLUS | 11.75 | 0.00 | 39 | Petroleum distillates | 3 | No | No |
| 67425-14 | ECOPCO ACU | 6.17 | 0.00 | 30 | Phenylethyl propionate | 3 | No | No |
| 62719-291 | CONSERVE SC TURF AND ORNAMENTAL | 0.84 | 0.00 | 27 | Spinosad | 3 | No | No |
| 62637-3 | BMP (144 200 G) | 0.00 | 278.00 | 23 | Bacillus thuringiensis subspecies israelensis, strain IPS-78 | 3 | No | No |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 3.44 | 0.00 | 22 | Cyfluthrin, beta | 3 | No | No |
| Herbicides | | | | | | | | |
| 524-475 | ROUNDUP ULTRA HERBICIDE | 832.50 | 57.84 | 1,148 | Glyphosate, isopropylamine salt | 3 | No | No |
| 62719-542 | DIMENSION 2EW | 29.80 | 7.50 | 460 | Dithiopyr | 2 | No | No |
| 62719-37 | GARLON* 3A | 59.34 | 0.00 | 113 | Triclopyr, triethylamine salt | 1 | No | No |
| 2217-581 | GORDON'S TRIMEC WEED & FEED 24 | 0.00 | 50.45 | 105 | 2,4-D; Dicamba; Mecoprop-P | 3 | Yes | No |
| 100-937 | PRIMO MAXX | 16.88 | 68.06 | 76 | Trinexapac-ethyl | 3 | No | No |
| 71995-25 | ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE | 33.49 | 0.00 | 66 | Glyphosate, isopropylamine salt | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|--|---------------|--------------|-------------|---------------------------------|-------------|------------|---------------|
| 228-366 | RAZOR HERBICIDE | 84.47 | 0.00 | 42 | Glyphosate, isopropylamine salt | 3 | No | No |
| 62719-426 | DIMENSION TURF HERBICIDE | 3.58 | 26.94 | 35 | Dithiopyr | 2 | No | No |
| 62719-40 | GARLON 4 | 36.10 | 0.00 | 34 | Triclopyr, butoxyethyl ester | 3 | No | No |
| 62719-517 | GF-1279 | 21.93 | 0.00 | 34 | Glyphosate, isopropylamine salt | 3 | No | No |
| Fungicides | | | | | | | | |
| 432-890 | ALIETTE WDG BRAND FUNGICIDE | 0.00 | 1,303.75 | 41 | Fosetyl-Al | 3 | No | No |
| 60063-7 | ECHO 720 AGRICULTURAL FUNGICIDE | 107.31 | 0.00 | 27 | Chlorothalonil | 2 | Yes | No |
| 100-1093 | HERITAGE FUNGICIDE | 0.09 | 81.64 | 26 | Azoxystrobin | 3 | No | No |
| 432-1360 | BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER SOLUBLE PACKETS | 1.00 | 188.79 | 25 | Triadimefon | 3 | Yes | Yes |
| 50534-202 | DACONIL SDG | 74.00 | 234.95 | 24 | Chlorothalonil | 1 | Yes | No |
| 60063-3 | ECHO 825 | 0.00 | 552.00 | 24 | Chlorothalonil | 1 | Yes | Np |
| 7969-184 | INSIGNIA FUNGICIDE | 0.00 | 326.71 | 21 | Pyraclostrobin | 3 | No | No |
| 100-796 | SUBDUE MAXX | 45.20 | 21.38 | 18 | Mefenoxam | 3 | No | No |
| 432-942 | BANOL TURF AND ORNAMENTAL FUNGICIDE | 20.28 | 0.00 | 16 | Propamocarb hydrochloride | 3 | No | No |
| 58185-33 | DOMAIN FL | 8.53 | 0.00 | 14 | Thiophanate-methyl | 3 | Yes | Yes |

Queens Public Libraries

The Queens Public Library (QPL) manages 64 libraries as well as indoor, outdoor and office facilities. Contractors are hired for pest management as needed and the major pest infestations are roaches and mice. Table 25 summarizes pesticide use by pesticide type. Table 26, below, represents a fraction of the pesticides used, as applications reported are only from one facility in Queens.

Table 25: Types of Pesticides Used by Queens Public Libraries in 2007

| Pesticide Type | Volume (Gallons) | Weight (Pounds) | Times Applied |
|----------------|------------------|-----------------|---------------|
| Insecticide | 0.0 | 2.8 | 40 |

Table 26: Pesticide Products by Queens Public Libraries in 2007

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|----------------------------------|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Insecticides | | | | | | | | |
| 352-652 | DUPONT ADVION COCKROACH GEL BAIT | 0.0 | 2.83 | 40 | Indoxacarb | 3 | No | No |

Sanitation

The Department of Sanitation (DSNY) manages garages, office buildings, transfer stations, and various publicly-owned lots throughout the city. DSNY employs two certified pesticide applicators that make routine visits to facilities and responds to emergency calls because of the nature of the agency's work – managing garbage – pest problems are endemic at some facilities. DSNY also contracts for weed control on some of the City's rights-of-way.

Table 27 summarizes pesticide use by pesticide type. Table 28, below, represent only a fraction of the pesticides used by DSNY. This data is from a vendor hired to apply herbicides for post-emergent control of weed growth on street medians and around certain facilities. These data include just Fall 2007 treatments and not the pre-emergent control that occurred during Spring 2007. That data was reported on paper and reported the use of the non-prohibited product "Vegetation Manager SFM 75" containing the active ingredient sulfometuron methyl. Pesticides applied by DSNY staff were also reported on paper and are not summarized here.

Table 27: Types of Pesticides Used by DSNY in 2007

| Pesticide Type | Volume (Gallons) | Weight (Pounds) | Times Applied |
|----------------|------------------|-----------------|---------------|
| Herbicide | 146.7 | 0.0 | 249 |

Table 28: Partial List of Pesticides Applied by DSNY in 2007

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|------------------|---------------|--------------|-------------|---------------------------------|-------------|------------|---------------|
| Herbicides | | | | | | | | |
| 73220-6 | GLYPHOSATE T&O | 146.72 | 0.00 | 249 | Glyphosate, isopropylamine salt | 2 | No | No |

Transportation

The Department of Transportation (DOT) has a staff of over 4,000 that oversees one of the most complex urban transportation networks in the world. They manage approximately 5,800 miles of streets, sidewalks, and highways and 789 bridge structures, including six tunnels. They operate the Staten Island Ferry, oversee ferry operations on City-owned piers and operate approximately 75 facilities throughout the City. DOT is responsible for pest management at maintenance yards, lots, and agency offices throughout the city, as well as on rights-of-way along city highways. DOT is also contracted by New York State to provide right-of-way maintenance on state highways within city borders. Table 29 summarizes pesticide use by pesticide type. Table 30 lists all pesticide products used by DOT in 2007.

Table 29: Types of Pesticides Used by DOT in 2007

| Pesticide Type | Volume | | Weight | | Times Applied | |
|----------------|--------------|------------|--------------|------------|---------------|------------|
| | Gallons | % of Total | Pounds | % of Total | Number | % of Total |
| Herbicide | 506.4 | 56.7% | 0.0 | 0.0% | 1,088 | 47.2% |
| Insecticide | 386.9 | 43.3% | 5.8 | 1.8% | 806 | 35.0% |
| Rodenticide | 0.0 | 0.0% | 323.5 | 97.5% | 408 | 17.7% |
| Other | 0.0 | 0.0% | 2.3 | 0.7% | 3 | 0.1% |
| Totals | 893.3 | | 331.6 | 1.0 | 2,305 | |

Table 30: Pesticide Products Used by DOT in 2007

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|---|---------------|--------------|-------------|---|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 124.00 | 192 | Diphacinone | 3 | No | No |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 150.10 | 108 | Bromadiolone | 3 | No | No |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 8.83 | 44 | Bromadiolone | 3 | No | No |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 26.34 | 34 | Bromadiolone | 3 | No | No |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 12.02 | 23 | Bromadiolone | 3 | No | No |
| 3240-28 | RAMPAGE MOUSE SEED | 0.00 | 2.18 | 7 | Cholecalciferol | 3 | No | No |
| Other | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.00 | 2.06 | 2 | (7S)-Hydroprene | 3 | No | No |
| 8254-5 | 4 THE BIRDS BIRD REPELLENT | 0.00 | 0.25 | 1 | Polybutenes | 2 | No | No |
| Insecticides | | | | | | | | |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 374.63 | 0.00 | 752 | Esfenvalerate | 3 | No | No |
| 1021-1718 | ETOC FOGGING CONCENTRATE 2764 | 11.25 | 0.00 | 15 | Prallethrin | 3 | No | No |
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 0.65 | 10 | Avermectin | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 0.00 | 1.35 | 9 | Avermectin | 3 | No | No |
| 73049-19 | VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES | 0.00 | 0.18 | 8 | Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52 | 3 | No | No |
| 64405-2 | REDZONE BAIT | 0.00 | 0.66 | 3 | Boric acid | 3 | No | No |
| 73079-1 | INTICE SWEET ANT GEL | 0.00 | 1.63 | 2 | Boric acid | 3 | No | No |
| 67425-14 | ECOPCO ACU VECTOLEX CG BIOLOGICAL LARVICIDE | 0.00 | 1.25 | 2 | Phenylethyl propionate | 3 | No | No |
| 73049-20 | VECTOLEX CG BIOLOGICAL LARVICIDE | 0.00 | 0.04 | 2 | Bacillus sphaericus | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 397-13 | STERI-FAB | 1.00 | 0.00 | 1 | Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride; Isopropyl alcohol; Phenothrin | 2 | No | No |
| 2724-352 | ZOECON RF-291 EMULSIFIABLE CONCENTRATE WITH PRECOR | 0.00 | 0.06 | 1 | S-Methoprene | 3 | No | No |
| 432-1264 | MAXFORCE ABF4 | 0.00 | 0.01 | 1 | Fipronil | 3 | Yes | No |
| Herbicides | | | | | | | | |
| 228-397 | RIVERDALE VANQUISH HERBICIDE | 123.23 | 0.00 | 294 | Dicamba, diglycolamine salt | 3 | No | No |
| 66222-169 | NATIONS AG II SULFOMETURON METHYL 75 | 29.24 | 0.00 | 276 | Sulfometuron methyl | 3 | No | No |
| 62719-176 | PATHFINDER II | 59.59 | 0.00 | 168 | Triclopyr, butoxyethyl ester | 3 | No | No |
| 62719-322 | NAF-545 | 44.39 | 0.00 | 109 | Glyphosate, isopropylamine salt | 3 | No | No |
| 62719-324 | GLYPRO | 60.92 | 0.00 | 86 | Glyphosate, isopropylamine salt | 3 | No | No |
| 228-366 | RAZOR HERBICIDE | 152.00 | 0.00 | 54 | Glyphosate, isopropylamine salt | 3 | No | No |
| 352-607 | DUPONT GLYPHOSATE HERBICIDE | 11.51 | 0.00 | 45 | Glyphosate, isopropylamine salt | 2 | No | No |
| 62719-40 | GARLON 4 | 17.90 | 0.00 | 31 | Triclopyr, butoxyethyl ester | 3 | No | No |
| 524-475 | ROUNDUP ULTRA HERBICIDE | 6.32 | 0.00 | 22 | Glyphosate, isopropylamine salt | 3 | No | No |
| 228-365 | RIVERDALE AQUANEAT AQUATIC HERBICIDE | 1.34 | 0.00 | 3 | Glyphosate, isopropylamine salt | 3 | No | No |

Appendix 1

Complete listing of pesticide products used in New York City by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|----------------------|---------------|-----------|---------------|
| 100-1055 | WEATHERBLOK BAIT WITH BITREX | 0.00 | 5,740.19 | 39,236 | Brodifacoum | 3 | N | N |
| Rodenticides | | | | | | | | |
| 100-1050 | TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BITREX | 0.07 | 3,194.81 | 12,792 | Brodifacoum | 3 | N | N |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 2.20 | 4,940.37 | 4,968 | Bromadiolone | 3 | N | N |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 1,427.89 | 3,722 | Bromadiolone | 3 | N | N |
| 7173-218 | GENERATION MINI BLOCKS | 130.03 | 2,429.11 | 3,475 | Difethialone | 3 | N | N |
| 12455-80 | DITRAC ALL-WEATHER BLOX | 0.00 | 1,393.87 | 1,339 | Diphacinone | 3 | N | N |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 648.66 | 542 | Bromadiolone | 3 | N | N |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 307.19 | 478 | Bromadiolone | 3 | N | N |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 262.26 | 326 | Bromadiolone | 3 | N | N |
| 12455-86 | CONTRAC RODENTICIDE PLACE PAC | 0.00 | 169.76 | 220 | Bromadiolone | 3 | N | N |
| 100-1057 | TALON-G RODENTICIDE MINI-PELLETS WITH BITREX | 0.00 | 183.48 | 189 | Brodifacoum | 3 | N | N |
| 7173-211 | GENERATION RODENTICIDE BAIT PACKS (PELLETS) | 0.00 | 100.47 | 119 | Difethialone | 3 | N | N |
| 7173-189 | MAKI PARAFFIN BLOCKS | 0.00 | 177.94 | 96 | Bromadiolone | 3 | N | N |
| 3240-28 | RAMPAGE MOUSE SEED | 0.00 | 18.17 | 88 | Cholecalciferol | 3 | N | N |
| 12455-89 | FINAL ALL-WEATHER BLOX | 0.00 | 46.72 | 75 | Brodifacoum | 3 | N | N |
| 12455-97 | FASTRAC PLACE PACS | 0.00 | 53.65 | 58 | Bromethalin | 3 | N | N |
| 12455-91 | FINAL RODENTICIDE READY-TO-USE PLACE PAC | 0.00 | 56.34 | 57 | Brodifacoum | 3 | N | N |
| 12455-56 | DITRAC TRACKING POWDER | 0.00 | 21.78 | 56 | Diphacinone | 2 | N | N |
| 12455-29 | DITRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.09 | 51.19 | 52 | Diphacinone | 3 | N | N |
| 12455-39 | QUINTOX RAT AND MOUSE BAIT | 0.00 | 19.63 | 36 | Cholecalciferol | 3 | N | N |
| 7173-171 | MAKI RAT AND MOUSE MEAL BAIT | 0.00 | 9.50 | 25 | Bromadiolone | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 7173-113 | ROZOL TRACKING POWDER | 0.00 | 4.05 | 20 | Chlorophacinone | 2 | N | N |
| 56-42 | EATON'S BAIT BLOCKS RODENTICIDE WITH MOLASSES/PEANUT BUTTER FLAVOR | 0.00 | 3.11 | 19 | Diphacinone | 3 | N | N |
| 12455-95 | FASTRAC ALL-WEATHER BLOX | 0.00 | 7.89 | 14 | Bromethalin | 3 | N | N |
| 12455-16 | ZP TRACKING POWDER | 0.00 | 2.50 | 13 | Zinc phosphide | 2 | N | N |
| 56-41 | EATON'S BAIT BLOCKS RODENTICIDE WITH APPLE FLAVORIZER | 0.00 | 14.26 | 12 | Diphacinone | 3 | N | N |
| 7173-208 | MAKI RODENTICIDE BAIT PACKS (PELLETS) | 0.00 | 4.94 | 9 | Bromadiolone | 3 | N | N |
| 7173-172 | ROZOL BLUE TRACKING POWDER | 0.00 | 5.00 | 5 | Chlorophacinone | 2 | N | N |
| 7173-190 | ROZOL PARAFFIN BLOCKS | 0.00 | 3.00 | 3 | Chlorophacinone | 3 | N | N |
| 12455-36 | CONTRAC RAT AND MOUSE BAIT | 0.00 | 0.04 | 3 | Bromadiolone | 3 | N | N |
| 56-70 | J.T. EATON AC FORMULA 90 READY-TO-USE RODENTICIDE | 0.00 | 1.44 | 2 | Chlorophacinone | 3 | N | N |
| 7173-222 | MAKI RODENTICIDE BLOCK | 0.00 | 11.25 | 1 | Bromadiolone | 3 | N | N |
| 12455-67 | DITRAC MOUSE BAIT STATION | 0.00 | 0.38 | 1 | Diphacinone | 3 | N | N |
| 12455-69 | CONTRAC RODENTICIDE | 0.00 | 0.02 | 1 | Bromadiolone | 3 | N | N |
| Insecticides | | | | | | | | |
| 432-1318 | MERIT 75 WSP | 0.00 | 1,524.16 | 10,553 | Imidacloprid | 3 | N | N |
| 64405-2 | REDZONE BAIT | 1.68 | 1,143.49 | 4,587 | Boric acid | 3 | N | N |
| 1021-1641 | EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662 | 5,038.84 | 0.01 | 3,593 | Esfenvalerate | 3 | N | N |
| 67425-14 | ECOPCO ACU | 126.65 | 294.08 | 3,547 | Phenylethyl propionate | 3 | N | N |
| 432-1259 | PRODUCT: RBF5 | 34.78 | 300.31 | 3,202 | Fipronil | 3 | Y | N |
| 352-652 | DUPONT ADVION COCKROACH GEL BAIT | 10.19 | 75.26 | 2,390 | Indoxacarb | 3 | N | N |
| 54452-2 | STAPELTON'S MAGNETIC ROACH FOOD M.R.F. 2000 - PASTE FORMULA | 5.14 | 232.10 | 2,079 | Boric acid | 3 | N | N |
| 73049-19 | VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES | 0.00 | 59,164.53 | 1,947 | Bacillus thuringiensis, subsp. israelensis, strain AM 65-52 | 3 | N | N |
| 9444-129 | ROACH KIL COMMERCIAL | 0.00 | 376.23 | 1,300 | Boric acid | 3 | N | N |
| 499-507 | TC 248 | 0.33 | 44.65 | 1,283 | Dinotefuran | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 499-384 | WHITMIRE PT 240 PERMA-DUST INSECTICIDE | 46.82 | 7.87 | 1,202 | Boric acid | 3 | N | N |
| 432-1254 | MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL | 0.00 | 80.70 | 1,127 | Hydramethylnon | 3 | Y | Y |
| 73049-20 | VECTOLEX CG BIOLOGICAL LARVICIDE | 0.00 | 46,480.56 | 1,051 | Bacillus sphaericus | 3 | N | N |
| 9444-132 | MOP UP | 0.16 | 238.92 | 782 | Disodium octaborate tetrahydrate | 3 | N | N |
| 9444-131 | DRAX ANT KILL GEL | 18.16 | 10.48 | 487 | Boric acid | 3 | N | N |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 17.00 | 56.04 | 479 | Avermectin | 3 | N | N |
| 432-763 | K-OTHRINE SC INSECTICIDE | 148.68 | 0.11 | 357 | Deltamethrin | 3 | N | N |
| 73766-1 | GOURMET ANT BAIT GEL | 15.03 | 20.95 | 348 | Disodium octaborate tetrahydrate | 3 | N | N |
| 7946-25 | IMICIDE HP | 32.86 | 0.00 | 336 | Imidacloprid | 3 | N | N |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 137.42 | 4.98 | 326 | Cyfluthrin, beta | 3 | N | N |
| 1021-1718 | ETOC FOGGING CONCENTRATE 2764 | 1,060.88 | 0.00 | 209 | Prallethrin | 3 | N | N |
| 2724-484 | RF 9707 AEROSOL | 8.74 | 3.15 | 191 | (7S)-Hydroprene | 3 | N | N |
| 432-1363 | TEMPO SC INSECTICIDE | 211.12 | 0.00 | 178 | Cyfluthrin, beta | 3 | N | N |
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 19.36 | 157 | Avermectin | 3 | N | N |
| 432-1255 | MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER/GRANULAR BAIT | 0.00 | 55.52 | 150 | Hydramethylnon | 3 | Y | Y |
| 47000-73 | CT 511 | 0.00 | 58.77 | 121 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 100-1066 | DEMAND CS INSECTICIDE | 107.69 | 0.09 | 106 | Cyhalothrin, lambda | 3 | N | N |
| 499-294 | WHITMIRE AVERT PT 310 ABAMECTIN DUST | 0.00 | 5.94 | 82 | Avermectin | 3 | N | N |
| 499-444 | WHITMIRE MICRO- GEN TC 164 | 8.42 | 1.50 | 79 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 9444-183 | INTRUDER RESIDUAL WITH CYFLUTHRIN | 0.02 | 28.66 | 71 | Cyfluthrin; Piperonyl butoxide; Pyrethrins | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 432-1264 | MAXFORCE ABF4 | 0.00 | 3.16 | 62 | Fipronil | 3 | Y | N |
| 432-1262 | MAXFORCE IBH10 | 0.00 | 16.25 | 56 | Hydramethylnon | 3 | Y | Y |
| 432-992 | DRIONE INSECTICIDE | 0.00 | 16.53 | 51 | Piperonyl butoxide; Pyrethrins; Silica gel | 3 | Y | N |
| 862-23 | SUNSPRAY 6E PLUS | 11.75 | 0.00 | 39 | Petroleum distillates | 3 | N | N |
| 432-1257 | MAXFORCE ROACH BAIT F.05 | 0.00 | 1.57 | 37 | Fipronil | 3 | Y | N |
| 241-392 | PHANTOM TERMITICIDE-INSECTICIDE | 45.80 | 0.00 | 33 | Chlorfenapyr | 3 | Y | N |
| 2724-274 | GOLDEN MALRIN RF-128 FLY KILLER | 0.00 | 11.73 | 33 | (Z)-9-Tricosene; Methomyl | 3 | N | N |
| 1677-191 | ECO2000-GR | 0.00 | 6.56 | 33 | Boric acid | 3 | N | N |
| 1021-1424 | PYROCIDE FOGGING CONCENTRATE 7338 | 0.00 | 9.91 | 32 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 655-798 | PRENTOX EXCITE (R) | 4.25 | 1.00 | 31 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 432-772 | K-OTHRINE DUST | 0.00 | 8.44 | 31 | Deltamethrin | 3 | N | N |
| 1021-1688 | MULTICIDE MOSQUITO ADULTICIDING CONCENTRATE 2705 | 0.00 | 513.04 | 30 | Phenothrin; Piperonyl butoxide | 3 | Y | N |
| 6218-47 | SUMMIT B.T.I. BRIQUETS | 2.00 | 41.97 | 28 | Bacillus thuringiensis subspecies israelensis strain BMP 144 | 3 | N | N |
| 62719-291 | CONSERVE SC TURF AND ORNAMENTAL | 0.84 | 0.00 | 27 | Spinosad | 3 | N | N |
| 62637-3 | BMP (144 200 G) | 0.00 | 328.00 | 26 | Bacillus thuringiensis subspecies israelensis, strain IPS-78 | 3 | N | N |
| 73079-1 | INTICE SWEET ANT GEL | 0.00 | 3.92 | 26 | Boric acid | 3 | N | N |
| 499-362 | WHITMIRE PT 515 WASP FREEZE | 3.82 | 0.00 | 23 | D-trans Allethrin; Phenothrin | 3 | Y | N |
| 1677-196 | ECO2000-XP FRESHBAIT | 0.00 | 0.83 | 23 | Boric acid | 3 | N | N |
| 279-3206 | TALSTAR TC FLOWABLE TERMITICIDE/INSECTICIDE | 15.36 | 0.00 | 19 | Bifenthrin | 3 | Y | N |
| 499-452 | ULD BP-100 INSECTICIDE | 1.17 | 3.85 | 19 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 499-470 | WHITMIRE MICRO-GEN TC 198 | 0.15 | 5.88 | 19 | Cyfluthrin | 3 | N | N |
| 655-802 | PRENTOX LARVA-LUR CONTAINS PROPOXUR | 0.00 | 10.00 | 18 | Propoxur | 3 | Y | N |
| 100-1051 | TALON-G RODENTICIDE BAIT PACK PELLETS WITH BITREX | 0.00 | 17.16 | 17 | Brodifacoum | 3 | N | N |
| 432-1375 | PRE-EMPT FLY BAIT | 0.00 | 16.21 | 16 | (Z)-9-Tricosene; Imidacloprid | 3 | N | N |
| 279-3155 | TALSTAR NURSERY FLOWABLE INSECTICIDE/MITICID E | 2.15 | 0.00 | 14 | Bifenthrin | 3 | Y | N |
| 100-896 | AVID 0.15 EC MITICIDE/INSECTICID E | 1.04 | 0.00 | 14 | Avermectin | 2 | N | N |
| 1021-1603 | NYLAR 10EC | 15.66 | 0.00 | 13 | Pyriproxyfen | 2 | N | N |
| 82074-1 | MYCOTROL ES | 1.83 | 0.00 | 13 | Beauveria bassiana GHA | 3 | N | N |
| 499-290 | WHITMIRE PT 505 XLO PYRETHRUM CONTACT INSECTICIDE | 0.09 | 8.69 | 13 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 10404-66 | LESCO HORTICULTURAL OIL INSECTICIDE | 43.81 | 0.00 | 12 | Petroleum distillates | 3 | N | N |
| 352-668 | DUPONT ADVION COCKROACH BAIT ARENA | 0.00 | 0.15 | 12 | Indoxacarb | 3 | N | N |
| 67425-4 | ECOPCO AC CONTACT INSECTICIDE | 0.60 | 0.00 | 10 | Eugenol; Phenylethyl propionate | 3 | N | N |
| 241-374 | PYLON MITICIDE-INSECTICIDE | 0.24 | 0.00 | 10 | Chlorfenapyr | 3 | Y | N |
| 2724-469 | ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II | 0.16 | 2.13 | 10 | (7S)-Hydroprene | 3 | N | N |
| 8033-94 | TRISTAR 30 SG INSECTICIDE | 0.03 | 0.70 | 10 | Acetamiprid | 3 | N | N |
| 499-304 | WHITMIRE OPTEM ME PT 600 | 0.00 | 0.66 | 10 | Cyfluthrin | 3 | N | N |
| 499-492 | TC 228 | 0.00 | 0.32 | 10 | Borax | 3 | N | N |
| 432-1402 | TEMPO 20 WP GREENHOUSE AND NURSERY INSECTICIDE | 0.00 | 0.29 | 10 | Cyfluthrin | 3 | N | N |
| 59639-31 | ORTHENE PCO FORMULA II | 11.50 | 0.00 | 9 | Acephate | 3 | Y | N |
| 73079-2 | IN TICE GRANULAR BAIT | 0.00 | 1.06 | 9 | Boric acid | 3 | N | N |
| 100-913 | ENDEAVOR | 0.00 | 0.38 | 9 | Pymetrozine | 3 | Y | N |
| 1677-195 | ECO2000-RX FRESHBAIT | 0.00 | 0.33 | 9 | Boric acid | 3 | N | N |
| 264-729 | MONITOR 4 | 0.94 | 8.94 | 8 | Methamidophos | 1 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 100-1088 | SCIMITAR GC INSECTICIDE | 0.72 | 17.94 | 8 | Cyhalothrin, lambda | 3 | N | N |
| 499-437 | WHITMIRE PT 2120 TR PRECLUDE | 0.13 | 0.00 | 8 | Fenoxycarb | 3 | Y | N |
| 73049-39 | ABG-6404 BIOLOGICAL INSECTICIDE | 0.00 | 0.92 | 8 | Bacillus thuringiensis, subsp. Kurstaki, strain ABTS-351, fermentation solids and solubles | 3 | N | N |
| 1021-1784 | MULTICIDE WASP & HORNET SPRAY 20863 | 0.00 | 14.63 | 8 | Phenothrin; Tetramethrin | 3 | Y | N |
| 2724-352 | ZOECON RF-291 EMULSIFIABLE CONCENTRATE WITH PRECOR | 0.00 | 3.51 | 8 | S-Methoprene | 3 | N | N |
| 4-153 | SYSTEMIC GRANULES CONTAINS DI-SYSTON | 0.00 | 2.94 | 8 | Disulfoton | 2 | N | N |
| 432-1283 | BAYGON 2% BAIT | 0.00 | 0.88 | 8 | Propoxur | 3 | Y | N |
| 279-3153 | FIRSTLINE TERMITE BAIT STATION | 0.00 | 0.79 | 8 | Sulfluramid | 3 | N | N |
| 62719-515 | M-PEDE INSECTICIDE/FUNGICI DE | 1.76 | 0.00 | 7 | Potassium laurate | 2 | N | N |
| 70051-2 | NEEM OIL 70% | 0.88 | 0.00 | 7 | Neem oil | 3 | N | N |
| 432-1312 | MERIT 2F INSECTICIDE | 0.13 | 0.00 | 7 | Imidacloprid | 3 | N | N |
| 432-1289 | DYLOX 80 TURF AND ORNAMENTAL INSECTICIDE | 0.00 | 115.00 | 7 | Trichlorfon | 2 | Y | N |
| 397-13 | STERI-FAB | 8.88 | 0.00 | 6 | Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride; Isopropyl alcohol; Phenothrin | 2 | N | N |
| 279-3070 | CYNOFF WP INSECTICIDE | 1.50 | 0.00 | 6 | Cypermethrin, beta | 2 | Y | N |
| 499-370 | PT 370 ASCEND FIRE ANT STOPPER BAIT | 0.00 | 22.00 | 6 | Avermectin | 3 | N | N |
| 432-1329 | MERIT 1 G GREENHOUSE AND NURSERY INSECTICIDE | 0.00 | 6.77 | 6 | Imidacloprid | 3 | N | N |
| 9444-166 | CB-405 FOGGER WB | 0.00 | 1.78 | 6 | Esfenvalerate; N- octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 71711-15 | APPLAUD 70WP INSECT GROWTH REGULATOR | 0.00 | 1.32 | 6 | Buprofezin | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 279-3287 | FLONICAMID 50SG INSECTICIDE | 0.00 | 0.58 | 6 | Fonicamid | 3 | N | N |
| 432-1256 | MAXFORCE ANT BAIT F1 | 0.00 | 0.25 | 6 | Fipronil | 3 | Y | N |
| 1021-1611 | PYROCID INTERMEDIATE 51 | 2.34 | 0.00 | 5 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 66330-314 | BIFENTHRIN 7.9% FL NURSERY INSECTICIDE/MITICID E | 2.34 | 3.13 | 5 | Bifenthrin | 3 | Y | N |
| 499-385 | WHITMIRE PT-239 TRI- DIE INSECTICIDE | 0.16 | 1.38 | 5 | Diatomaceous earth; Piperonyl butoxide; Pyrethrins | 2 | Y | N |
| 432-1369 | MERIT 2 GREENHOUSE AND NURSERY INSECTIDE | 0.07 | 0.00 | 5 | Imidacloprid | 3 | N | N |
| 72-574 | MILLER HOT SAUCE ANIMAL REPELLENT | 0.04 | 0.00 | 5 | Capsicum oleoresin | 3 | N | N |
| 1021-1643 | EVERCIDE EMULSIFIABLE CONCENTRATE 2667 | 0.47 | 0.00 | 4 | Esfenvalerate | 2 | N | N |
| 432-1338 | TEMPO 20 WP GOLF COURSE INSECTICIDE | 0.00 | 3.88 | 4 | Cyfluthrin | 3 | N | N |
| 9444-175 | CB-80-1 FOR INSECT CONTROL | 0.00 | 0.63 | 4 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 279-3081 | CYNOFF EC INSECTICIDE | 0.00 | 0.31 | 4 | Cypermethrin, beta | 3 | Y | N |
| 264-335 | SEVIN BRAND RP4 CARBARYL INSECTICIDE | 14.90 | 0.00 | 3 | Carbaryl | 3 | Y | N |
| 62719-471 | MACH 2 2SC | 6.30 | 5.50 | 3 | Halofenozide | 3 | N | N |
| 73049-38 | VECTOBAC 12AS BIOLOGICAL LARVICIDE | 1.21 | 0.00 | 3 | Bacillus thuringiensis, subsp. israelensis, strain AM 65-52 | 3 | N | N |
| 1021-1649 | MULTICIDE WASP AND HORNET KILLER 2695 | 0.35 | 0.00 | 3 | Phenothrin; Tetramethrin | 3 | Y | N |
| 49538-2 | PHYTON-27 | 0.04 | 0.00 | 3 | Copper sulfate (pentahydrate) | 1 | N | N |
| 400-509 | FLORAMITE SC/LS | 0.04 | 0.00 | 3 | Bifenazate | 3 | N | N |
| 73220-10 | ABAMECTIN 0.15 EC TNO | 0.04 | 0.00 | 3 | Avermectin | 2 | N | N |
| 499-465 | PRO-CONTROL FOGGER II | 0.00 | 6.75 | 3 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 33906-23 | SANMITE 75 WP MITICIDE/INSECTICID E | 0.00 | 2.13 | 3 | Pyridaben | 2 | N | N |
| 432-1361 | MERIT (R) 60 WSP | 0.00 | 0.35 | 3 | Imidacloprid | 3 | N | N |
| 67702-13 | NEU1128 RTU | 320.00 | 0.00 | 2 | Potassium laurate | 3 | N | N |
| 19713-49 | DREXEL CARBARYL 4L | 6.50 | 0.00 | 2 | Carbaryl | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 9444-185 | CB-540 FOGGER | 0.12 | 0.00 | 2 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 9444-182 | AIR-DEVIL RESIDUAL WITH CYPERMETHRIN | 0.11 | 0.00 | 2 | Cypermethrin, beta | 3 | Y | N |
| 66222-53 | CLOFENTEZINE SC OVICIDE/MITICIDE | 0.08 | 0.00 | 2 | Clofentezine | 3 | Y | N |
| 70051-27 | AZATIN XL | 0.05 | 0.00 | 2 | Azadirachtin | 3 | N | N |
| 66222-40 | RIMON 10SC | 0.04 | 0.00 | 2 | Novaluron | 3 | N | N |
| 71711-4 | AKARI 5SC MITICIDE-INSECTICIDE | 0.01 | 0.00 | 2 | Fenpyroximate | 2 | N | N |
| 432-1339 | MERIT 0.2 G LAWN AND GARDEN INSECTICIDE | 0.00 | 4,821.50 | 2 | Imidacloprid | 3 | N | N |
| 432-1349 | MERIT 0.2 PLUS TURF FERTILIZER | 0.00 | 750.00 | 2 | Imidacloprid | 3 | N | N |
| 9198-167 | ANDERSONS GOLF PRODUCTS INSECTICIDE III | 0.00 | 332.00 | 2 | Chlorpyrifos | 3 | N | N |
| 9444-181 | BEE, WASP, & HORNET JET STREAM | 0.00 | 1.38 | 2 | Phenothrin; Tetramethrin | 3 | Y | N |
| 432-740 | GOLDCREST DULAK I | 0.00 | 0.56 | 2 | Chlorpyrifos; DDVP; Xylene | 1 | Y | N |
| 2724-375 | ALTOSID BRIQUETS | 0.00 | 0.50 | 2 | S-Methoprene | 3 | N | N |
| 499-496 | TC 234 | 0.00 | 0.38 | 2 | Avermectin | 3 | N | N |
| 432-1252 | MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER BAIT STATIONS | 0.00 | 0.05 | 2 | Hydramethylnon | 3 | Y | Y |
| 59639-91 | ORTHENE 97 PELLETS | 0.00 | 0.00 | 2 | Acephate | 3 | Y | N |
| 100-1218 | DEMON MAX INSECTICIDE | 34.00 | 0.00 | 1 | Cypermethrin, beta | 2 | Y | N |
| 432-1320 | LASER ANT & ROACH KILLER | 5.84 | 0.00 | 1 | Cyfluthrin; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 2724-490 | RF 9910 AEROSOL | 3.00 | 0.00 | 1 | N-octyl bicycloheptene dicarboximide; Permethrin; Phenothrin; Piperonyl butoxide; S-Methoprene | 3 | Y | N |
| 62719-39 | LORSBAN 50W WETTABLE POWDER | 0.73 | 0.00 | 1 | Chlorpyrifos | 1 | N | N |
| 67425-19 | ECOPCO JET/X | 0.11 | 0.00 | 1 | Phenylethyl propionate | 3 | Y | N |
| 524-545 | YIELDGARD PLUS CORN | 0.09 | 0.00 | 1 | Bacillus thuringiensis Cry1Ab Delta-Endotoxin; Bacillus thuringiensis Cry3Bb protein | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 73049-11 | VECTOBAC - AS | 0.03 | 0.00 | 1 | Bacillus thuringiensis, subsp. israelensis, strain AM 65-52 | 3 | N | N |
| 524-551 | MON 88017 | 0.03 | 0.00 | 1 | Bacillus thuringiensis Cry3Bb1 protein and the genetic material necessary (vector ZMIR39) for its production in corn | 3 | N | N |
| 524-552 | MON 88017 X MON 810 | 0.03 | 0.00 | 1 | Bacillus thuringiensis Cry3Bb1 protein; Bacillus thuringiensis, subsp. kurstaki, strain HD-1, delta-endotoxin | 3 | N | N |
| 524-522 | BOLLGARD II COTTON | 0.02 | 0.00 | 1 | Bacillus thuringiensis Cry2Ab protein; Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | N | N |
| 524-556 | MON 15947 | 0.02 | 0.00 | 1 | Bacillus thuringiensis Cry2Ab protein and the genetic material necessary for its production (vector GHBK11) in cotton | 3 | N | N |
| 524-498 | NEW LEAF PLUS POTATOES | 0.02 | 0.00 | 1 | Bacillus thuringiensis; Potato leafroll virus (PLRV) replicase protein | 3 | N | N |
| 655-489 | PRENTOX PYRONYL CROP SPRAY | 0.01 | 0.00 | 1 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 524-492 | CRYIA(B) FORM OF THE B.T.K. INSECT CONTROL PROTEIN | 0.01 | 0.00 | 1 | HD-1 Protein as encoded by Bacillus thuringiensis subsp. kurstaki gene and produced in corn | 0 | N | N |
| 524-555 | MON 531 | 0.01 | 0.00 | 1 | Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | N | N |
| 524-489 | YIELDGARD | 0.01 | 0.00 | 1 | Bacillus thuringiensis Cry1Ab Delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn [MON 810] | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|-------------------|--|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 524-528 | CORN EVENT MON 863: CORN ROOTWORM-PROTECTED CORN | 0.01 | 0.00 | 1 | Bacillus thuringiensis Cry3Bb protein and the genetic material necessary for its production (Vector ZMIR 13L) in corn | 3 | N | N |
| 9198-158 | THE ANDERSONS FERTILIZER PLUS 0.058% BIFENTHRIN | 0.00 | 500.00 | 1 | Bifenthrin | 3 | Y | N |
| 538-280 | SUPER TURF BUILDER PLUS 2 (R) WITH WEED CONTROL | 0.00 | 431.00 | 1 | 2,4-D; Mecoprop-P | 3 | Y | N |
| 64405-8 | NIBOR BORATE INSECTICIDE AND FUNGICIDE | 0.00 | 1.00 | 1 | Disodium octaborate tetrahydrate | 3 | N | N |
| 499-404 | WHITMIRE TC 104 | 0.00 | 0.94 | 1 | N-octyl bicycloheptene dicarboximide; Permethrin; Pyrethrins; Pyriproxyfen | 3 | Y | N |
| 499-429 | WHITMIRE TC-119 | 0.00 | 0.31 | 1 | Piperonyl butoxide; Pyrethrins; Silica gel | 3 | Y | N |
| 1677-166 | ECO2000-RX | 0.00 | 0.20 | 1 | Boric acid | 3 | N | N |
| 432-1265 | MAXFORCE IBH11 | 0.00 | 0.19 | 1 | Hydramethylnon | 3 | Y | Y |
| 149-8 | TERRO ANT KILLER II | 0.00 | 0.13 | 1 | Borax | 3 | N | N |
| 8033-22 | TRISTAR 70WSP INSECTICIDE | 0.00 | 0.11 | 1 | Acetamiprid | 3 | N | N |
| 432-1235 | OMEN 30-30 ULV | 0.00 | 0.04 | 1 | Permethrin; Piperonyl butoxide | 3 | Y | N |
| 432-1359 | TEMPO 2 GREENHOUSE AND NURSERY INSECTICIDE | 0.00 | 0.03 | 1 | Cyfluthrin | 2 | N | N |
| 432-1365 | PRE-EMPT PROFESSIONAL COCKROACH GEL BAIT | 0.00 | 0.02 | 1 | Imidacloprid | 3 | N | N |
| 59639-26 | ORTHENE 75 S SOLUBLE POWDER | 0.00 | 0.02 | 1 | Acephate | 3 | Y | N |
| 55638-47 | MATTCH BIOINSECTICIDE | 0.00 | 0.00 | 1 | CryIA(c) and CryIC derived*delta endotoxins of Bacillus thuringiensis encapsulated in killed pseudomonas fluorescens (*Patent pending) | 3 | N | N |
| Herbicides | | | | | | | | |
| 524-475 | ROUNDUP ULTRA HERBICIDE | 840.19 | 57.84 | 1,189 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-542 | DIMENSION 2EW | 29.80 | 7.50 | 460 | Dithiopyr | 2 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 228-397 | RIVERDALE VANQUISH HERBICIDE | 123.23 | 0.00 | 294 | Dicamba, diglycolamine salt | 3 | N | N |
| 66222-169 | NATIONS AG II SULFOMETURON METHYL 75 | 29.24 | 0.00 | 276 | Sulfometuron methyl | 3 | N | N |
| 73220-6 | GLYPHOSATE T&O | 146.72 | 0.00 | 249 | Glyphosate, isopropylamine salt | 2 | N | N |
| 62719-176 | PATHFINDER II | 197.46 | 0.00 | 189 | Triclopyr, butoxyethyl ester | 3 | N | N |
| 62719-322 | NAF-545 | 47.46 | 0.00 | 114 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-37 | GARLON* 3A | 59.34 | 0.00 | 113 | Triclopyr, triethylamine salt | 1 | N | N |
| 62719-324 | GLYPRO | 101.13 | 0.00 | 112 | Glyphosate, isopropylamine salt | 3 | N | N |
| 2217-581 | GORDON'S TRIMEC WEED & FEED 24 | 0.00 | 50.45 | 105 | 2,4-D; Dicamba; Mecoprop-P | 3 | Y | N |
| 228-366 | RAZOR HERBICIDE | 236.47 | 0.00 | 96 | Glyphosate, isopropylamine salt | 3 | N | N |
| 100-937 | PRIMO MAXX | 16.88 | 68.06 | 76 | Trinexapac-ethyl | 3 | N | N |
| 71995-25 | ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE | 33.49 | 0.00 | 66 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-40 | GARLON 4 | 53.99 | 0.00 | 65 | Triclopyr, butoxyethyl ester | 3 | N | N |
| 352-607 | DUPONT GLYPHOSATE HERBICIDE | 11.51 | 0.00 | 45 | Glyphosate, isopropylamine salt | 2 | N | N |
| 62719-426 | DIMENSION TURF HERBICIDE | 3.58 | 26.94 | 35 | Dithiopyr | 2 | N | N |
| 62719-517 | GF-1279 | 21.93 | 0.00 | 34 | Glyphosate, isopropylamine salt | 3 | N | N |
| 228-412 | VIPER WEED AND FEED (18#/5M) | 0.00 | 70.34 | 30 | 2,4-D; 2,4-D, 2-ethylhexyl ester; Dicamba; Mecoprop-P | 3 | Y | N |
| 432-950 | ACCLAIM EXTRA HERBICIDE | 14.55 | 23.47 | 26 | Fenoxaprop-P (+) | 3 | N | N |
| 524-529 | ROUNDUP PRO CONCENTRATE | 1.67 | 0.00 | 12 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-92 | CONFRONT | 13.38 | 15.50 | 9 | Clopyralid, triethanolamine; Triclopyr, triethylamine salt | 1 | N | N |
| 33068-1 | AQUASHADE | 13.00 | 0.00 | 9 | Acid blue 9; Acid yellow 23 | 3 | N | N |
| 66330-276 | DICAMBA DMA 4# AG | 0.00 | 21.25 | 9 | Dicamba, dimethylamine salt | 2 | N | N |
| 62719-305 | LONTREL TURF AND ORNAMENTAL | 0.30 | 0.00 | 8 | Clopyralid | 3 | N | N |
| 70506-45 | XL 2G | 0.00 | 128.00 | 7 | Benfluralin; Oryzalin | 3 | Y | N |

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|------------|--|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 2217-833 | SPEED ZONE BROADLEAF HERBICIDE | 7.42 | 0.00 | 6 | 2,4-D, 2-ethylhexyl ester; Carfentrazone-ethyl; Dicamba; Mecoprop-P | 3 | Y | N |
| 71995-29 | ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS | 0.06 | 0.00 | 5 | Diquat dibromide; Glyphosate, isopropylamine salt | 3 | N | N |
| 100-950 | PENNANT MAGNUM HERBICIDE | 2.00 | 0.00 | 4 | Metolachlor, (S) | 3 | Y | N |
| 400-168 | CASORON 4G | 0.00 | 300.00 | 4 | Dichlobenil | 3 | Y | N |
| 66330-293 | THIOPHANATE METHYL 4.5L | 10.00 | 0.00 | 3 | Thiophanate-methyl | 3 | Y | Y |
| 228-365 | RIVERDALE AQUANEAT AQUATIC HERBICIDE | 1.34 | 0.00 | 3 | Glyphosate, isopropylamine salt | 3 | N | N |
| 7969-45 | BASAGRAN HERBICIDE | 0.07 | 0.00 | 3 | Bentazon, sodium salt | 3 | Y | N |
| 9198-60 | EASY WEEDER FLOWER AND GARDEN WEED PREVENTER | 0.00 | 140.00 | 3 | Trifluralin | 3 | Y | N |
| 352-656 | KOCIDE 2000 | 0.00 | 12.00 | 3 | Copper hydroxide | 2 | N | N |
| 264-267 | ETHREL BRAND ETHEPHON PLANT REGULATOR | 9.40 | 0.00 | 2 | Ethephon | 1 | N | N |
| 10404-43 | LESCO THREE-WAY SELECTIVE HERBICIDE | 4.05 | 0.00 | 2 | 2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt | 1 | N | N |
| 10404-44 | LESCO THREE-WAY BENTGRASS SELECTIVE HERBICIDE | 2.00 | 0.00 | 2 | 2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt | 1 | N | N |
| 524-536 | MON 78473 HERBICIDE | 0.53 | 0.00 | 2 | Glyphosate, isopropylamine salt | 3 | N | N |
| 69836-1 | ECOSHARP WEED & GRASS KILLER | 0.20 | 0.00 | 2 | Acetic acid | 1 | N | N |
| 10404-86 | 0.15% DIMENSION PLUS FERTILIZER | 0.00 | 17,900.00 | 2 | Dithiopyr | 3 | N | N |
| 9198-65 | THE ANDERSONS PROFESSIONAL TURF PRODUCTS CRABGRASS PREVENTER WITH 4.7% | 0.00 | 400.00 | 2 | Siduron | 3 | N | N |
| 9198-129 | TWIN LIGHT PROFESSIONAL TRIFLURALIN 5% GRANULAR | 0.00 | 180.00 | 2 | Trifluralin | 3 | Y | N |
| 10163-213 | TUPERSAN HERBICIDE | 0.00 | 72.00 | 2 | Siduron | 3 | N | N |

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|------------|---------------------------------------|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 2217-759 | EMBARK 2-S PLANT GROWTH REGULATOR | 0.00 | 9.75 | 2 | Mefluidide, diethanolamine salt | 3 | N | N |
| 524-465 | MON 12037 HERBICIDE | 0.00 | 0.13 | 2 | Halosulfuron-methyl | 3 | N | N |
| 2217-774 | EH 1068 TRIMEC ESTER | 128.00 | 0.00 | 1 | 2,4-D, 2-ethylhexyl ester; 2,4-DP-P, isooctyl ester; Dicamba | 3 | N | N |
| 241-360 | PRE-M 3.3 EC TURF HERBICIDE | 50.00 | 0.00 | 1 | Pendimethalin | 3 | Y | N |
| 432-1230 | PROXY GROWTH REGULATOR | 5.00 | 0.00 | 1 | Ethephon | 1 | N | N |
| 524-544 | ROUNDUP VM HERBICIDE | 0.32 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-543 | MON 78481 HERBICIDE | 0.32 | 0.00 | 1 | Carfentrazone-ethyl; Glyphosate, potassium salt | 1 | N | N |
| 524-541 | MON 78736 HERBICIDE | 0.25 | 0.00 | 1 | Glyphosate, isopropylamine salt; Triclopyr, triethylamine salt | 3 | N | N |
| 524-535 | MON 78365 HERBICIDE | 0.24 | 0.00 | 1 | Diquat dibromide; Glyphosate, monoammonium salt | 3 | N | N |
| 62719-366 | GLYMIX MT | 0.16 | 0.00 | 1 | 2,4-D, isopropylamine salt; Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-529 | SCYTHE HERBICIDE | 0.16 | 0.00 | 1 | Nonanoic acid | 2 | N | N |
| 524-549 | RD 1617 HERBICIDE | 0.12 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-542 | MON 78783 HERBICIDE | 0.06 | 0.00 | 1 | Glyphosate, isopropylamine salt; Triclopyr, triethylamine salt | 3 | N | N |
| 524-504 | ROUNDUP ULTRA DRY | 0.06 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-547 | MON 78868 HERBICIDE | 0.05 | 0.00 | 1 | Diquat dibromide; Glyphosate, isopropylamine salt; Imazapic, ammonium salt | 3 | N | N |
| 524-508 | MON 77859 HERBICIDE | 0.05 | 0.00 | 1 | Glyphosate, ethanolamine salt | 2 | N | N |
| 352-439 | DUPONT ESCORT XP HERBICIDE | 0.03 | 0.00 | 1 | Metsulfuron-methyl | 3 | N | N |
| 524-499 | MON 37500 TECHNICAL | 0.03 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-550 | RD1619 HERBICIDE | 0.03 | 0.00 | 1 | Glyphosate | 3 | N | N |
| 524-507 | FALLOW MASTER BROADSPECTRUM HERBICIDE | 0.03 | 0.00 | 1 | Dicamba; Glyphosate, isopropylamine salt | 1 | N | N |
| 524-558 | GLYPHOSATE TECHNICAL (WETCAKE) | 0.03 | 0.00 | 1 | Glyphosate | 2 | N | N |

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|------------|-------------------------------------|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 524-561 | POTASSIUM GLYPHOSATE 58% G2 | 0.03 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-546 | MON 79158 HERBICIDE | 0.03 | 0.00 | 1 | Diquat dibromide; Glyphosate, isopropylamine salt; Imazapic, ammonium salt | 3 | N | N |
| 524-494 | ROUNDUP D-PAK HERBICIDE | 0.03 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-553 | RD 1626 HERBICIDE | 0.03 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 54705-8 | FLOREL BRAND GROWTH REGULATOR | 0.02 | 0.00 | 1 | Ethephon | 3 | N | N |
| 524-506 | MON 77945 62.6% HERBICIDE | 0.02 | 0.00 | 1 | Glyphosate, ethanolamine salt | 3 | N | N |
| 524-510 | MON 78102 HERBICIDE | 0.02 | 0.00 | 1 | Acetochlor; Atrazine; Glyphosate, isopropylamine salt | 2 | Y | N |
| 524-525 | MAVERICK C/A HERBICIDE | 0.02 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-537 | MON 78270 HERBICIDE | 0.02 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-515 | MON 69400 MANUFACTURING USE PRODUCT | 0.02 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-518 | ROUNDUP PROBLEND HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-521 | MON 78128 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, ethanolamine salt | 2 | N | N |
| 524-523 | MON 78746 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt; Quizalofop-P-ethyl | 1 | N | N |
| 524-526 | MON 37525W HERBICIDE MON 37525 NC | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-534 | MON 44951 HERBICIDE | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-538 | MON 78271 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 2 | N | N |
| 524-476 | HARNESS PLUS HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 1 | Y | N |
| 524-477 | ROUNDUP E Z DRY HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-496 | MON 58430 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-511 | MON 58494 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine | 3 | Y | N |
| 524-512 | ROUNDUP ULTRAMAX | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-579 | ROUNDUP PROMAX | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 524-513 | MON 78103 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Glyphosate, isopropylamine salt | 3 | Y | N |
| 524-517 | ACCORD XL HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-520 | MON 78095 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt; Oxyfluorfen | 3 | Y | N |
| 524-530 | 54% GLYPHOSATE IPA SALT PREMIX | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-539 | ROUNDUP ORIGINAL 2K HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-559 | IPA GLYPHOSATE 62% G2 | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-540 | MON 78404 HERBICIDE | 0.01 | 0.00 | 1 | Carfentrazone- ethyl; Glyphosate, isopropylamine salt | 1 | N | N |
| 524-500 | MAVERICK HERBICIDE | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-505 | ROUNDUP PRODRY HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-514 | MON 78063 | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 2 | N | N |
| 524-524 | SEMPRA CA HERBICIDE | 0.01 | 0.00 | 1 | Halosulfuron- methyl | 3 | N | N |
| 524-532 | MON 78623 58% TECHNICAL SOLUTION | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-487 | HARNESS 20 G HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-488 | MON 8411 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-557 | MON 008 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-531 | RT MASTER | 0.01 | 0.00 | 1 | 2,4-D, isopropylamine salt; Glyphosate, isopropylamine salt | 3 | N | N |
| 524-509 | MON 78088 HERBICIDE | 0.01 | 0.00 | 1 | Atrazine; Glyphosate, isopropylamine salt | 3 | N | N |
| 524-502 | ROUNDUP WSD WATER SOLUBLE DRY HERBICIDE DEPLOY DRY HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-483 | TOPHAND GRASS HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 2 | Y | N |
| 524-485 | HARNESS XTRA 5.6L HERBICIDE PREMIX FOR CORN | 0.01 | 0.00 | 1 | Acetochlor; Atrazine | 3 | Y | N |
| 524-490 | MON-8413 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|-------------------|---|---------------|--------------|-------------|---|---------------|-----------|---------------|
| 524-493 | MON 58420 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine; Glyphosate, isopropylamine salt | 1 | Y | N |
| 524-497 | MON 58442 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine; Glyphosate, isopropylamine salt | 3 | Y | N |
| 524-578 | RD 1685 | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-548 | MON 78460A HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 2 | N | N |
| 524-480 | HARNESS XTRA HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine | 3 | Y | N |
| 524-554 | RD 1629 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-533 | MON 44940 SC HERBICIDE | 0.00 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 62719-80 | LONTREL T TECHNICAL | 0.00 | 0.00 | 1 | Clopyralid | 1 | N | N |
| 10404-100 | LESCO PRE-M 0.86% PLUS FERTILIZER | 0.00 | 3,000.00 | 1 | Pendimethalin | 3 | Y | N |
| 9198-54 | ANDERSON'S WEED AND FEED II 28-3-9 | 0.00 | 300.00 | 1 | 2,4-D, dimethylamine salt; MCP, P, dimethylamine salt | 3 | N | N |
| 228-340 | RIVERDALE XRM-5202 PREMIUM WEED AND FEED | 0.00 | 100.00 | 1 | 2,4-D, triisopropanolamin e salt; Clopyralid; Triclopyr, triethylamine salt | 3 | N | N |
| 8378-64 | SHAW'S TUPERSAN 470 GRANULES | 0.00 | 60.00 | 1 | Siduron | 3 | N | N |
| 961-394 | LEBANON FERTILIZER PLUS CONFRONT TR BRAND HERBICIDE | 0.00 | 37.50 | 1 | 2,4-D, butoxyethanol ester; Triclopyr, butoxyethyl ester | 3 | N | N |
| 100-834 | BARRICADE 65WG HERBICIDE | 0.00 | 0.18 | 1 | Prodiamine | 3 | Y | N |
| 62719-445 | DIMENSION* ULTRA 40WP | 0.00 | 0.01 | 1 | Dithiopyr | 3 | N | N |
| 81880-1 | GWN-3069 | 0.00 | 0.00 | 1 | Halosulfuron- methyl | 3 | N | N |
| Fungicides | | | | | | | | |
| 432-890 | ALIETTE WDG BRAND FUNGICIDE | 0.00 | 1,303.75 | 41 | Fosetyl-Al | 3 | N | N |
| 60063-7 | ECHO 720 AGRICULTURAL FUNGICIDE | 107.31 | 0.00 | 27 | Chlorothalonil | 2 | Y | N |
| 100-1093 | HERITAGE FUNGICIDE | 0.09 | 81.64 | 26 | Azoxystrobin | 3 | N | N |
| 432-1360 | BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER SOLUBLE PACKETS | 1.00 | 188.79 | 25 | Triadimefon | 3 | Y | Y |
| 50534-202 | DACONIL SDG | 74.00 | 234.95 | 24 | Chlorothalonil | 1 | Y | N |
| 60063-3 | ECHO 825 | 0.00 | 552.00 | 24 | Chlorothalonil | 1 | Y | N |
| 7969-184 | INSIGNIA FUNGICIDE | 0.00 | 326.71 | 21 | Pyraclostrobin | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 100-796 | SUBDUE MAXX | 45.20 | 21.38 | 18 | Mefenoxam | 3 | N | N |
| 432-942 | BANOL TURF AND ORNAMENTAL FUNGICIDE | 20.28 | 0.00 | 16 | Propamocarb hydrochloride | 3 | N | N |
| 58185-33 | DOMAIN FL | 8.53 | 0.00 | 14 | Thiophanate-methyl | 3 | Y | Y |
| 9198-115 | THE ANDERSONS TURF FUNGICIDE WITH 5.0% DACONIL | 0.00 | 4,500.00 | 13 | Chlorothalonil | 1 | Y | N |
| 100-741 | ALAMO FUNGICIDE | 29.34 | 0.00 | 12 | Propiconazole | 2 | Y | N |
| 100-769 | MEDALLION FUNGICIDE | 1.00 | 89.61 | 12 | Fludioxonil | 3 | N | N |
| 7969-124 | CYGNUS FUNGICIDE | 0.00 | 1.34 | 11 | Kresoxim-methyl | 3 | Y | N |
| 432-888 | CHIPCO 26019 FLO BRAND FUNGICIDE | 31.19 | 0.00 | 10 | Iprodione | 3 | Y | N |
| 66222-41 | BUMPER 14.3 EC (PROPICONAZOLE) FUNGICIDE | 0.12 | 0.00 | 10 | Propiconazole | 2 | Y | N |
| 50534-209 | DACONIL 720 FLOWABLE FUNGICIDE | 37.00 | 0.00 | 9 | Chlorothalonil | 3 | Y | N |
| 62719-346 | PROPICONAZOLE EC | 15.47 | 10.00 | 9 | Propiconazole | 2 | Y | N |
| 58044-3 | CONSAN TRIPLE ACTION 20 | 0.24 | 0.00 | 7 | Alkyl (50%C12, 30%C14, 17%C16, 3%C18) dimethylethylbenzyl ammonium chloride; Alkyl* dimethyl benzyl ammonium chloride *(50%C12, 30%C14, 17%C16, 3%C18); Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) | 1 | N | N |
| 538-183 | PROTURF FLUID FUNGICIDE | 15.50 | 0.00 | 6 | Iprodione; Thiophanate-methyl | 3 | Y | Y |
| 7969-224 | CURALAN EG | 0.00 | 211.00 | 6 | Vinclozolin | 3 | Y | Y |
| 9198-111 | THE ANDERSONS 1.0% BAYLETON(R) FUNGICIDE | 0.00 | 725.00 | 5 | Triadimefon | 3 | Y | Y |
| 7969-85 | RONILAN EG FUNGICIDE | 0.00 | 102.10 | 5 | Vinclozolin | 3 | Y | Y |
| 400-454 | TURFCIDE 4F | 29.28 | 0.00 | 4 | PCNB | 3 | Y | N |
| 66330-305 | IPRODIONE 2SE TURF | 20.00 | 0.00 | 4 | Iprodione | 3 | Y | N |
| 70127-2 | NOVOZYMES BIOFUNGICIDE GREEN RELEAF 710-140 | 19.80 | 0.00 | 4 | Bacillus licheniformis SB3086; IBA | 3 | N | N |
| 70252-11 | MEFENOXAM 2L | 3.50 | 32.00 | 4 | Mefenoxam | 3 | N | N |
| 100-794 | SUBDUE GR | 0.00 | 360.00 | 4 | Mefenoxam | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 66330-41 | ENDORSE WETTABLE POWDER FUNGICIDE | 0.00 | 87.50 | 4 | Polyoxin D zinc salt | 3 | N | N |
| 100-795 | SUBDUE WSP FUNGICIDE | 0.00 | 4.69 | 4 | Mefenoxam | 3 | N | N |
| 432-1371 | COMPASS | 0.00 | 2.02 | 4 | Trifloxystrobin | 3 | N | N |
| 71962-1 | AGRI-FOS SYSTEMIC FUNGICIDE | 12.50 | 0.00 | 3 | Mono- and di-potassium salts of phosphorous acid | 3 | N | N |
| 432-1432 | COMPASS G FUNGICIDE | 0.00 | 270.00 | 3 | Trifloxystrobin | 3 | N | N |
| 400-416 | TERRAZOLE 35% WETTABLE POWDER | 0.00 | 36.00 | 3 | Terrazole | 3 | Y | N |
| 79676-8 | PROPICONAZOLE E-PRO 14.3 MEC FUNGICIDE | 0.00 | 31.50 | 3 | Propiconazole | 2 | Y | N |
| 1001-78 | 3336 PLUS SYSTEMIC FUNGICIDE | 10.00 | 0.00 | 2 | Thiophanate-methyl | 3 | Y | Y |
| 100-1191 | HERITAGE MAXX ZEROTOL ALGAECIDE/FUNGICIDE | 1.00 | 6.75 | 2 | Azoxystrobin | 3 | N | N |
| 70299-1 | LESCO GRANULAR TURF FUNGICIDE | 0.08 | 0.00 | 2 | Hydrogen peroxide | 1 | N | N |
| 10404-58 | FORE 80WP RAINSHIELD | 0.00 | 160.00 | 2 | Triadimefon | 3 | Y | Y |
| 62719-388 | ENDORSE WETTABLE POWDER FUNGICIDE | 0.00 | 51.00 | 2 | Polyoxin D zinc salt | 3 | N | N |
| 58185-31 | DUOSAN WSB WETTABLE POWDER TURF AND ORNAMENTAL FUNGICIDE | 0.00 | 4.75 | 2 | Mancozeb; Thiophanate-methyl | 2 | Y | Y |
| 5905-541 | ARMICARB 100 | 0.00 | 0.61 | 2 | Potassium bicarbonate | 3 | N | N |
| 50534-211 | DACONIL ZN FLOWABLE FUNGICIDE | 2.50 | 0.00 | 1 | Chlorothalonil | 2 | Y | N |
| 9198-222 | ANDERSONS GOLF PRODUCTS FUNGO FLO | 2.50 | 0.00 | 1 | Thiophanate-methyl | 3 | Y | Y |
| 62719-463 | EAGLE 20EW | 1.22 | 0.00 | 1 | Myclobutanil | 3 | N | Y |
| 68539-4 | T-22 WP BIOLOGICAL FUNGICIDE | 0.14 | 0.00 | 1 | Trichoderma harzianum rifai strain KRL-AG2 | 3 | N | N |
| 239-2435 | ORTHO ROSE DISEASE CONTROL | 0.10 | 0.00 | 1 | Triforine | 1 | Y | Y |
| 538-88 | SYSTEMIC FUNGICIDE | 0.00 | 500.00 | 1 | Thiophanate-methyl | 3 | Y | Y |
| 1001-70 | 3336 G | 0.00 | 300.00 | 1 | Thiophanate-methyl | 3 | Y | Y |
| 10163-274 | RUBIGAN A.S. TURF AND ORNAMENTAL | 0.00 | 10.00 | 1 | Fenarimol | 3 | N | N |
| 400-399 | TERRACLOR 75% WETTABLE POWDER | 0.00 | 1.20 | 1 | PCNB | 3 | Y | N |
| 432-1367 | BAYLETON 50 WDG NURSERY AND GREENHOUSE SYSTEMIC FUNGICIDE | 0.00 | 0.01 | 1 | Triadimefon | 3 | Y | Y |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox. Cat. | EPA Carc. | CA Dev. Toxin |
|---|--|---------------|--------------|-------------|--|---------------|-----------|---------------|
| 1001-69 | 3336 F | 0.00 | 0.00 | 1 | Thiophanate-methyl | 3 | Y | Y |
| Other (Repellents, Biochemical Pesticides, Etc.) | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.59 | 3.00 | 62 | (7S)-Hydroprene | 3 | N | N |
| 59639-96 | DISTANCE INSECT GROWTH REGULATOR | 0.28 | 0.00 | 13 | Pyriproxyfen | 3 | N | N |
| 2724-476 | ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E) | 0.21 | 0.00 | 12 | (S)-Kinoprene | 2 | N | N |
| 400-478 | B-NINE WSG | 0.11 | 0.03 | 9 | Daminozide | 3 | Y | N |
| 71096-7 | OR-CAL SLUG & SNAIL BAIT | 0.00 | 6.28 | 6 | Metaldehyde | 3 | N | N |
| 2217-768 | EMBARK E-Z-TU-USE PLANT GROWTH REGULATOR | 1.00 | 0.00 | 2 | Mefluidide, diethanolamine salt | 3 | N | N |
| 81117-1 | FOUR PAWS KEEP OFF! DOG & CAT REPELLENT | 0.25 | 0.00 | 2 | Benzyl-diethyl [(2,6-xylyl-carbamoyl)methyl] ammonium saccharide; Thymol | 3 | N | N |
| 67238-1 | HOT PEPPER WAX | 0.25 | 0.00 | 2 | Capsicum oleoresin | 3 | N | N |
| 524-482 | MON 21233 MANUFACTURING USE PRODUCT | 0.01 | 0.00 | 1 | Clofencet | 3 | Y | N |
| 524-481 | MON 21200 TECHNICAL | 0.01 | 0.00 | 1 | Clofencet | 2 | Y | N |
| 524-479 | GENESIS HYBRIDIZING AGENT | 0.01 | 0.00 | 1 | Clofencet | 3 | Y | N |
| 524-478 | BACILLUS THURINGIENSIS VAR KURSTAKI INSECT CONTROL PROTEIN | 0.01 | 0.00 | 1 | Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | N | N |
| 8254-5 | 4 THE BIRDS BIRD REPELLENT | 0.00 | 0.25 | 1 | Polybutenes | 2 | N | N |
| 72041-2 | GOOSE REPELLENT | 0.00 | 0.00 | 1 | Methyl anthranilate | 3 | N | N |
| 524-519 | POTATO LEAF ROLL RESISTANCE FACTOR | 0.02 | 0.00 | 1 | Potato leaf roll virus (PLRV) coat protein | 0 | N | N |

Appendix 2

Complete listing of pesticide products used by the Department of Parks and Recreation, and Health and Hospitals Corporation

Pesticide Products Used by DPR in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|--|---|---------------|--------------|-------------|----------------------|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 7173-218 | GENERATION MINI BLOCKS | 0.00 | 388.25 | 573 | Difethialone | 3 | N | N |
| 12455-75 | CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.00 | 196.44 | 550 | Bromadiolone | 3 | N | N |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 551.28 | 501 | Bromadiolone | 3 | N | N |
| 12455-76 | CONTRAC RODENTICIDE READY TO USE PLACE PAC | 0.00 | 156.69 | 300 | Bromadiolone | 3 | N | N |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 158.69 | 187 | Bromadiolone | 3 | N | N |
| 7173-211 | GENERATION RODENTICIDE BAIT PACKS (PELLETS) | 0.00 | 100.47 | 119 | Difethialone | 3 | N | N |
| 12455-97 | FASTRAC PLACE PACS | 0.00 | 53.65 | 58 | Bromethalin | 3 | N | N |
| 12455-91 | FINAL RODENTICIDE READY-TO-USE PLACE PAC | 0.00 | 56.34 | 57 | Brodifacoum | 3 | N | N |
| 12455-29 | DITRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC | 0.09 | 50.25 | 51 | Diphacinone | 3 | N | N |
| 12455-89 | FINAL ALL-WEATHER BLOX | 0.00 | 33.37 | 44 | Brodifacoum | 3 | N | N |
| 12455-39 | QUINTOX RAT AND MOUSE BAIT | 0.00 | 19.63 | 36 | Cholecalciferol | 3 | N | N |
| 12455-56 | DITRAC TRACKING POWDER | 0.00 | 9.44 | 32 | Diphacinone | 2 | N | N |
| 7173-171 | MAKI RAT AND MOUSE MEAL BAIT | 0.00 | 9.50 | 25 | Bromadiolone | 3 | N | N |
| 12455-95 | FASTRAC ALL-WEATHER BLOX | 0.00 | 7.89 | 14 | Bromethalin | 3 | N | N |
| 56-41 | EATON'S BAIT BLOCKS RODENTICIDE WITH APPLE FLAVORIZER | 0.00 | 14.26 | 12 | Diphacinone | 3 | N | N |
| 7173-208 | MAKI RODENTICIDE BAIT PACKS (PELLETS) | 0.00 | 4.94 | 9 | Bromadiolone | 3 | N | N |
| 7173-190 | ROZOL PARAFFIN BLOCKS | 0.00 | 3.00 | 3 | Chlorophacinone | 3 | N | N |
| 56-70 | J.T. EATON AC FORMULA 90 READY-TO-USE RODENTICIDE | 0.00 | 1.44 | 2 | Chlorophacinone | 3 | N | N |
| 12455-67 | DITRAC MOUSE BAIT STATION | 0.00 | 0.38 | 1 | Diphacinone | 3 | N | N |
| Other (Repellent, Biochemical Pesticides, Etc.) | | | | | | | | |
| 59639-96 | DISTANCE INSECT GROWTH REGULATOR | 0.28 | 0.00 | 13 | Pyriproxyfen | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|---------------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 2724-476 | ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E) | 0.21 | 0.00 | 12 | (S)-Kinoprene | 2 | N | N |
| 400-478 | B-NINE WSG | 0.11 | 0.03 | 9 | Daminozide | 3 | Y | N |
| 71096-7 | OR-CAL SLUG & SNAIL BAIT | 0.00 | 6.28 | 6 | Metaldehyde | 3 | N | N |
| 2217-768 | EMBARK E-Z-TU-USE PLANT GROWTH REGULATOR | 1.00 | 0.00 | 2 | Mefluidide, diethanolamine salt | 3 | N | N |
| 67238-1 | HOT PEPPER WAX | 0.25 | 0.00 | 2 | Capsicum oleoresin | 3 | N | N |
| 524-479 | GENESIS HYBRIDIZING AGENT | 0.01 | 0.00 | 1 | Clofencet | 3 | Y | N |
| 524-478 | BACILLUS THURINGIENSIS VAR KURSTAKI INSECT CONTROL PROTEIN | 0.01 | 0.00 | 1 | Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | N | N |
| 524-482 | MON 21233 MANUFACTURING USE PRODUCT | 0.01 | 0.00 | 1 | Clofencet | 3 | Y | N |
| 524-481 | MON 21200 TECHNICAL | 0.01 | 0.00 | 1 | Clofencet | 2 | Y | N |
| 72041-2 | GOOSE REPELLENT | 0.00 | 0.00 | 1 | Methyl anthranilate | 3 | N | N |
| 524-519 | Potato Leaf Roll Resistance Factor | 0.02 | 0.00 | 1 | Potato leaf roll virus (PLRV) coat protein | 0 | N | N |
| Insecticides | | | | | | | | |
| 432-1318 | MERIT 75 WSP | 0.00 | 1,524.16 | 10,553 | Imidacloprid | 3 | N | N |
| 73049-20 | VECTOLEX CG BIOLOGICAL LARVICIDE | 0.00 | 6,774.00 | 410 | Bacillus sphaericus | 3 | N | N |
| 7946-25 | IMICIDE HP | 32.86 | 0.00 | 336 | Imidacloprid | 3 | N | N |
| 432-763 | K-OTHRINE SC INSECTICIDE | 48.70 | 0.00 | 210 | Deltamethrin | 3 | N | N |
| 432-992 | DRIONE INSECTICIDE | 0.00 | 14.03 | 41 | Piperonyl butoxide; Pyrethrins; Silica gel | 3 | Y | N |
| 862-23 | SUNSPRAY 6E PLUS | 11.75 | 0.00 | 39 | Petroleum distillates | 3 | N | N |
| 67425-14 | ECOPCO ACU | 6.17 | 0.00 | 30 | Phenylethyl propionate | 3 | N | N |
| 62719-291 | CONSERVE SC TURF AND ORNAMENTAL | 0.84 | 0.00 | 27 | Spinosad | 3 | N | N |
| 62637-3 | BMP (144 200 G) | 0.00 | 278.00 | 23 | Bacillus thuringiensis subspecies israelensis, strain IPS-78 | 3 | N | N |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 3.44 | 0.00 | 22 | Cyfluthrin, beta | 3 | N | N |
| 499-362 | WHITMIRE PT 515 WASP FREEZE | 3.68 | 0.00 | 22 | D-trans Allethrin; Phenothrin | 3 | Y | N |
| 100-1051 | TALON-G RODENTICIDE BAIT PACK PELLETS WITH BITREX | 0.00 | 17.16 | 17 | Brodifacoum | 3 | N | N |
| 279-3155 | TALSTAR NURSERY FLOWABLE INSECTICIDE/MITICID E | 2.15 | 0.00 | 14 | Bifenthrin | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 100-896 | AVID 0.15 EC MITICIDE/INSECTICIDE | 1.04 | 0.00 | 14 | Avermectin | 2 | N | N |
| 82074-1 | MYCOTROL ES | 1.83 | 0.00 | 13 | Beauveria bassiana GHA | 3 | N | N |
| 499-452 | ULD BP-100 INSECTICIDE | 1.17 | 2.47 | 13 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 10404-66 | LESCO HORTICULTURAL OIL INSECTICIDE | 43.81 | 0.00 | 12 | Petroleum distillates | 3 | N | N |
| 241-374 | PYLON MITICIDE-INSECTICIDE | 0.24 | 0.00 | 10 | Chlorfenapyr | 3 | Y | N |
| 8033-94 | TRISTAR 30 SG INSECTICIDE | 0.03 | 0.70 | 10 | Acetamiprid | 3 | N | N |
| 432-1402 | TEMPO 20 WP GREENHOUSE AND NURSERY INSECTICIDE | 0.00 | 0.29 | 10 | Cyfluthrin | 3 | N | N |
| 73079-2 | IN TICE GRANULAR BAIT | 0.00 | 1.06 | 9 | Boric acid | 3 | N | N |
| 432-1255 | MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER/GRANULAR BAIT | 0.00 | 0.88 | 9 | Hydramethylnon | 3 | Y | Y |
| 100-913 | ENDEAVOR | 0.00 | 0.38 | 9 | Pymetrozine | 3 | Y | N |
| 264-729 | MONITOR 4 | 0.94 | 8.94 | 8 | Methamidophos | 1 | N | N |
| 100-1088 | SCIMITAR GC INSECTICIDE | 0.72 | 17.94 | 8 | Cyhalothrin, lambda | 3 | N | N |
| 499-437 | WHITMIRE PT 2120 TR PRECLUDE | 0.13 | 0.00 | 8 | Fenoxycarb | 3 | Y | N |
| 73049-39 | ABG-6404 BIOLOGICAL INSECTICIDE | 0.00 | 0.92 | 8 | Bacillus thuringiensis, subsp. Kurstaki, strain ABTS-351, fermentation solids and solubles | 3 | N | N |
| 1021-1784 | MULTICIDE WASP & HORNET SPRAY 20863 | 0.00 | 14.63 | 8 | Phenothrin; Tetramethrin | 3 | Y | N |
| 4-153 | SYSTEMIC GRANULES CONTAINS DI-SYSTON | 0.00 | 2.94 | 8 | Disulfoton | 2 | N | N |
| 432-1283 | BAYGON 2% BAIT | 0.00 | 0.88 | 8 | Propoxur | 3 | Y | N |
| 62719-515 | M-PEDE INSECTICIDE/FUNGICIDE | 1.76 | 0.00 | 7 | Potassium laurate | 2 | N | N |
| 432-1312 | MERIT 2F INSECTICIDE | 0.13 | 0.00 | 7 | Imidacloprid | 3 | N | N |
| 432-1289 | DYLOX 80 TURF AND ORNAMENTAL INSECTICIDE | 0.00 | 115.00 | 7 | Trichlorfon | 2 | Y | N |
| 70051-2 | NEEM OIL 70% | 0.88 | 0.00 | 7 | Neem oil | 3 | N | N |
| 432-1329 | MERIT 1 G GREENHOUSE AND NURSERY INSECTICIDE | 0.00 | 6.77 | 6 | Imidacloprid | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 71711-15 | APPLAUD 70WP INSECT GROWTH REGULATOR | 0.00 | 1.32 | 6 | Buprofezin | 3 | Y | N |
| 279-3287 | FLONICAMID 50SG INSECTICIDE | 0.00 | 0.58 | 6 | Flonicamid | 3 | N | N |
| 1021-1611 | PYROCIDE INTERMEDIATE 51 | 2.34 | 0.00 | 5 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 66330-314 | BIFENTHRIN 7.9% FL NURSERY INSECTICIDE/MITICID E | 2.34 | 3.13 | 5 | Bifenthrin | 3 | Y | N |
| 432-1369 | MERIT 2 GREENHOUSE AND NURSERY INSECTIDE | 0.07 | 0.00 | 5 | Imidacloprid | 3 | N | N |
| 72-574 | MILLER HOT SAUCE ANIMAL REPELLENT | 0.04 | 0.00 | 5 | Capsicum oleoresin | 3 | N | N |
| 6218-47 | SUMMIT B.T.I. BRIQUETS | 0.00 | 3.71 | 5 | Bacillus thuringiensis subspecies Israelensis strain BMP 144 | 3 | N | N |
| 432-1259 | PRODUCT: RBF5 | 0.00 | 0.22 | 5 | Fipronil | 3 | Y | N |
| 432-1338 | TEMPO 20 WP GOLF COURSE INSECTICIDE | 0.00 | 3.88 | 4 | Cyfluthrin | 3 | N | N |
| 9444-175 | CB-80-1 FOR INSECT CONTROL | 0.00 | 0.63 | 4 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 264-335 | SEVIN BRAND RP4 CARBARYL INSECTICIDE | 14.90 | 0.00 | 3 | Carbaryl | 3 | Y | N |
| 62719-471 | MACH 2 2SC | 6.30 | 5.50 | 3 | Halofenozide | 3 | N | N |
| 73049-38 | VECTOBAC 12AS BIOLOGICAL LARVICIDE | 1.21 | 0.00 | 3 | Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52 | 3 | N | N |
| 49538-2 | PHYTON-27 | 0.04 | 0.00 | 3 | Copper sulfate (pentahydrate) | 1 | N | N |
| 400-509 | FLORAMITE SC/LS | 0.04 | 0.00 | 3 | Bifentazate | 3 | N | N |
| 73220-10 | ABAMECTIN 0.15 EC TNO | 0.04 | 0.00 | 3 | Avermectin | 2 | N | N |
| 499-465 | PRO-CONTROL FOGGER II | 0.00 | 6.75 | 3 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 33906-23 | SANMITE 75 WP MITICIDE/INSECTICID E | 0.00 | 2.13 | 3 | Pyridaben | 2 | N | N |
| 9444-183 | INTRUDER RESIDUAL WITH CYFLUTHRIN | 0.00 | 0.56 | 3 | Cyfluthrin; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 432-1361 | MERIT (R) 60 WSP | 0.00 | 0.35 | 3 | Imidacloprid | 3 | N | N |
| 432-1254 | MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL | 0.00 | 0.12 | 3 | Hydramethylnon | 3 | Y | Y |
| 67702-13 | NEU1128 RTU | 320.00 | 0.00 | 2 | Potassium laurate | 3 | N | N |
| 19713-49 | DREXEL CARBARYL 4L | 6.50 | 0.00 | 2 | Carbaryl | 3 | Y | N |
| 66222-53 | CLOFENTEZINE SC OVICIDE/MITICIDE | 0.08 | 0.00 | 2 | Clofentezine | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|---|-------------|------------|---------------|
| 70051-27 | AZATIN XL | 0.05 | 0.00 | 2 | Azadirachtin | 3 | N | N |
| 66222-40 | RIMON 10SC | 0.04 | 0.00 | 2 | Novaluron | 3 | N | N |
| 71711-4 | AKARI 5SC MITICIDE-INSECTICIDE | 0.01 | 0.00 | 2 | Fenpyroximate | 2 | N | N |
| 432-1363 | TEMPO SC INSECTICIDE | 0.00 | 0.00 | 2 | Cyfluthrin, beta | 3 | N | N |
| 432-1339 | MERIT 0.2 G LAWN AND GARDEN INSECTICIDE | 0.00 | 4,821.50 | 2 | Imidacloprid | 3 | N | N |
| 432-1349 | MERIT 0.2 PLUS TURF FERTILIZER | 0.00 | 750.00 | 2 | Imidacloprid | 3 | N | N |
| 9198-167 | ANDERSONS GOLF PRODUCTS INSECTICIDE III | 0.00 | 332.00 | 2 | Chlorpyrifos | 3 | N | N |
| 432-740 | GOLDCREST DULAK I | 0.00 | 0.56 | 2 | Chlorpyrifos; DDVP; Xylene | 1 | Y | N |
| 432-1256 | MAXFORCE ANT BAIT F1 | 0.00 | 0.20 | 2 | Fipronil | 3 | Y | N |
| 432-1320 | LASER ANT & ROACH KILLER | 5.84 | 0.00 | 2 | Cyfluthrin; Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 62719-39 | LORSBAN 50W WETTABLE POWDER | 0.73 | 0.00 | 1 | Chlorpyrifos | 1 | N | N |
| 524-545 | YIELDGARD PLUS CORN | 0.09 | 0.00 | 1 | Bacillus thuringiensis Cry1Ab Delta-Endotoxin; Bacillus thuringiensis Cry3Bb protein | 3 | N | N |
| 73049-11 | VECTOBAC - AS | 0.03 | 0.00 | 1 | Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52 | 3 | N | N |
| 524-551 | MON 88017 | 0.03 | 0.00 | 1 | Bacillus thuringiensis Cry3Bb1 protein and the genetic material necessary (vector ZMIR39) for its production in corn | 3 | N | N |
| 524-552 | MON 88017 X MON 810 | 0.03 | 0.00 | 1 | Bacillus thuringiensis Cry3Bb1 protein; Bacillus thuringiensis, subsp. Kurstaki, strain HD-1, delta-endotoxin | 3 | N | N |
| 524-556 | MON 15947 | 0.02 | 0.00 | 1 | Bacillus thuringiensis Cry2Ab protein and the genetic material necessary for its production (vector GHBK11) in cotton | 3 | N | N |
| 524-498 | NEW LEAF PLUS POTATOES | 0.02 | 0.00 | 1 | Bacillus thuringiensis; Potato leafroll virus (PLRV) replicase protein | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|---|-------------|------------|---------------|
| 524-522 | BOLLGARD II COTTON | 0.02 | 0.00 | 1 | Bacillus thuringiensis Cry2Ab protein; Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | N | N |
| 655-489 | PRENTOX PYRONYL CROP SPRAY | 0.01 | 0.00 | 1 | Piperonyl butoxide; Pyrethrins | 3 | Y | N |
| 279-3206 | TALSTAR TC FLOWABLE TERMITICIDE/INSECTICIDE | 0.01 | 0.00 | 1 | Bifenthrin | 3 | Y | N |
| 524-489 | YIELDGARD | 0.01 | 0.00 | 1 | Bacillus thuringiensis Cry1Ab Delta-Endotoxin and the Genetic Material Necessary for Its Production in Corn [MON 810] | 3 | N | N |
| 524-555 | MON 531 | 0.01 | 0.00 | 1 | Bacillus thuringiensis var. kurstaki delta endotoxin protein | 3 | N | N |
| 524-492 | CRYIA(B) FORM OF THE B.T.K. INSECT CONTROL PROTEIN | 0.01 | 0.00 | 1 | HD-1 Protein as encoded by Bacillus thuringiensis subsp. kurstaki gene and produced in corn | 0 | N | N |
| 524-528 | CORN EVENT MON 863: CORN ROOTWORM-PROTECTED CORN | 0.01 | 0.00 | 1 | Bacillus thuringiensis Cry3Bb protein and the genetic material necessary for its production (Vector ZMIR 13L) in corn | 3 | N | N |
| 9198-158 | THE ANDERSONS FERTILIZER PLUS 0.058% BIFENTHRIN | 0.00 | 500.00 | 1 | Bifenthrin | 3 | Y | N |
| 538-280 | SUPER TURF BUILDER PLUS 2 (R) WITH WEED CONTROL | 0.00 | 431.00 | 1 | 2,4-D; Mecoprop-P | 3 | Y | N |
| 8033-22 | TRISTAR 70WSP INSECTICIDE | 0.00 | 0.11 | 1 | Acetamiprid | 3 | N | N |
| 432-1365 | PRE-EMPT PROFESSIONAL COCKROACH GEL BAIT | 0.00 | 0.02 | 1 | Imidacloprid | 3 | N | N |
| 59639-26 | ORTHENE 75 S SOLUBLE POWDER | 0.00 | 0.02 | 1 | Acephate | 3 | Y | N |
| 2724-469 | ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II | 0.00 | 0.00 | 1 | (7S)-Hydroprene | 3 | N | N |
| 499-384 | WHITMIRE PT 240 PERMA-DUST INSECTICIDE | 0.00 | 0.00 | 1 | Boric acid | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 59639-91 | ORTHENE 97 PELLETS | 0.00 | 0.00 | 1 | Acephate | 3 | Y | N |
| 55638-47 | MATTCH BIOINSECTICIDE | 0.00 | 0.00 | 1 | CryIA(c) and CryIC derived*delta endotoxins of Bacillus thuringiensis encapsulated in killed pseudomonas fluorescens (*Patent pending) | 3 | N | N |
| Herbicides | | | | | | | | |
| 524-475 | ROUNDUP ULTRA HERBICIDE | 832.50 | 57.84 | 1,148 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-542 | DIMENSION 2EW | 29.80 | 7.50 | 460 | Dithiopyr | 2 | N | N |
| 62719-37 | GARLON* 3A | 59.34 | 0.00 | 113 | Triclopyr, triethylamine salt | 1 | N | N |
| 2217-581 | GORDON'S TRIMEC WEED & FEED 24 | 0.00 | 50.45 | 105 | 2,4-D; Dicamba; Mecoprop-P | 3 | Y | N |
| 100-937 | PRIMO MAXX | 16.88 | 68.06 | 76 | Trinexapac-ethyl | 3 | N | N |
| 71995-25 | ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE | 33.49 | 0.00 | 66 | Glyphosate, isopropylamine salt | 3 | N | N |
| 228-366 | RAZOR HERBICIDE | 84.47 | 0.00 | 42 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-426 | DIMENSION TURF HERBICIDE | 3.58 | 26.94 | 35 | Dithiopyr | 2 | N | N |
| 62719-40 | GARLON 4 | 36.10 | 0.00 | 34 | Triclopyr, butoxyethyl ester | 3 | N | N |
| 62719-517 | GF-1279 | 21.93 | 0.00 | 34 | Glyphosate, isopropylamine salt | 3 | N | N |
| 228-412 | VIPER WEED AND FEED (18#/5M) | 0.00 | 70.34 | 30 | 2,4-D; 2,4-D, 2-ethylhexyl ester; Dicamba; Mecoprop-P | 3 | Y | N |
| 62719-324 | GLYPRO | 40.21 | 0.00 | 26 | Glyphosate, isopropylamine salt | 3 | N | N |
| 432-950 | ACCLAIM EXTRA HERBICIDE | 14.55 | 23.47 | 26 | Fenoxaprop-P (+) | 3 | N | N |
| 62719-176 | PATHFINDER II | 137.87 | 0.00 | 21 | Triclopyr, butoxyethyl ester | 3 | N | N |
| 524-529 | ROUNDUP PRO CONCENTRATE | 1.67 | 0.00 | 12 | Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-92 | CONFRONT | 13.38 | 15.50 | 9 | Clopyralid, triethanolamine; Triclopyr, triethylamine salt | 1 | N | N |
| 33068-1 | AQUASHADE | 13.00 | 0.00 | 9 | Acid blue 9; Acid yellow 23 | 3 | N | N |
| 66330-276 | DICAMBA DMA 4# AG | 0.00 | 21.25 | 9 | Dicamba, dimethylamine salt | 2 | N | N |
| 62719-305 | LONTREL TURF AND ORNAMENTAL | 0.30 | 0.00 | 8 | Clopyralid | 3 | N | N |
| 70506-45 | XL 2G | 0.00 | 128.00 | 7 | Benfluralin; Oryzalin | 3 | Y | N |

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|------------|--|---------------|--------------|-------------|---|-------------|------------|---------------|
| 2217-833 | SPEED ZONE BROADLEAF HERBICIDE | 7.42 | 0.00 | 6 | 2,4-D, 2-ethylhexyl ester; Carfentrazone-ethyl; Dicamba; Mecoprop-P | 3 | Y | N |
| 62719-322 | NAF-545 | 3.06 | 0.00 | 5 | Glyphosate, isopropylamine salt | 3 | N | N |
| 71995-29 | ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS | 0.06 | 0.00 | 5 | Diquat dibromide; Glyphosate, isopropylamine salt | 3 | N | N |
| 100-950 | PENNANT MAGNUM HERBICIDE | 2.00 | 0.00 | 4 | Metolachlor, (S) | 3 | Y | N |
| 400-168 | CASORON 4G | 0.00 | 300.00 | 4 | Dichlobenil | 3 | Y | N |
| 7969-45 | BASAGRAN HERBICIDE | 0.07 | 0.00 | 3 | Bentazon, sodium salt | 3 | Y | N |
| 9198-60 | EASY WEEDER FLOWER AND GARDEN WEED PREVENTER | 0.00 | 140.00 | 3 | Trifluralin | 3 | Y | N |
| 352-656 | KOCIDE 2000 | 0.00 | 12.00 | 3 | Copper hydroxide | 2 | N | N |
| 66330-293 | THIOPHANATE METHYL 4.5L | 10.00 | 0.00 | 3 | Thiophanate-methyl | 3 | Y | Y |
| 264-267 | ETHREL BRAND ETHEPHON PLANT REGULATOR | 9.40 | 0.00 | 2 | Ethephon | 1 | N | N |
| 10404-43 | LESCO THREE-WAY SELECTIVE HERBICIDE | 4.05 | 0.00 | 2 | 2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt | 1 | N | N |
| 10404-44 | LESCO THREE-WAY BENTGRASS SELECTIVE HERBICIDE | 2.00 | 0.00 | 2 | 2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt | 1 | N | N |
| 524-536 | MON 78473 HERBICIDE | 0.53 | 0.00 | 2 | Glyphosate, isopropylamine salt | 3 | N | N |
| 69836-1 | ECOSHARP WEED & GRASS KILLER | 0.20 | 0.00 | 2 | Acetic acid | 1 | N | N |
| 10404-86 | 0.15% DIMENSION PLUS FERTILIZER | 0.00 | 17,900.00 | 2 | Dithiopyr | 3 | N | N |
| 9198-65 | THE ANDERSONS PROFESSIONAL TURF PRODUCTS CRABGRASS PREVENTER WITH 4.7% | 0.00 | 400.00 | 2 | Siduron | 3 | N | N |
| 9198-129 | TWIN LIGHT PROFESSIONAL TRIFLURALIN 5% GRANULAR | 0.00 | 180.00 | 2 | Trifluralin | 3 | Y | N |
| 10163-213 | TUPERAN HERBICIDE | 0.00 | 72.00 | 2 | Siduron | 3 | N | N |
| 2217-759 | EMBARK 2-S PLANT GROWTH REGULATOR | 0.00 | 9.75 | 2 | Mefluidide, diethanolamine salt | 3 | N | N |
| 524-465 | MON 12037 HERBICIDE | 0.00 | 0.13 | 2 | Halosulfuron-methyl | 3 | N | N |

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|------------|---------------------------------------|---------------|--------------|-------------|--|-------------|------------|---------------|
| 2217-774 | EH 1068 TRIMEC ESTER | 128.00 | 0.00 | 1 | 2,4-D, 2-ethylhexyl ester; 2,4-DP-P, isooctyl ester; Dicamba | 3 | N | N |
| 241-360 | PRE-M 3.3 EC TURF HERBICIDE | 50.00 | 0.00 | 1 | Pendimethalin | 3 | Y | N |
| 432-1230 | PROXY GROWTH REGULATOR | 5.00 | 0.00 | 1 | Ethephon | 1 | N | N |
| 524-543 | MON 78481 HERBICIDE | 0.32 | 0.00 | 1 | Carfentrazone-ethyl; Glyphosate, potassium salt | 1 | N | N |
| 524-544 | ROUNDUP VM HERBICIDE | 0.32 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-541 | MON 78736 HERBICIDE | 0.25 | 0.00 | 1 | Glyphosate, isopropylamine salt; Triclopyr, triethylamine salt | 3 | N | N |
| 524-535 | MON 78365 HERBICIDE | 0.24 | 0.00 | 1 | Diquat dibromide; Glyphosate, monoammonium salt | 3 | N | N |
| 62719-366 | GLYMIX MT | 0.16 | 0.00 | 1 | 2,4-D, isopropylamine salt; Glyphosate, isopropylamine salt | 3 | N | N |
| 62719-529 | SCYTHE HERBICIDE | 0.16 | 0.00 | 1 | Nonanoic acid | 2 | N | N |
| 524-549 | RD 1617 HERBICIDE | 0.12 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-542 | MON 78783 HERBICIDE | 0.06 | 0.00 | 1 | Glyphosate, isopropylamine salt; Triclopyr, triethylamine salt | 3 | N | N |
| 524-504 | ROUNDUP ULTRA DRY | 0.06 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-547 | MON 78868 HERBICIDE | 0.05 | 0.00 | 1 | Diquat dibromide; Glyphosate, isopropylamine salt; Imazapic, ammonium salt | 3 | N | N |
| 524-508 | MON 77859 HERBICIDE | 0.05 | 0.00 | 1 | Glyphosate, ethanolamine salt | 2 | N | N |
| 352-439 | DUPONT ESCORT XP HERBICIDE | 0.03 | 0.00 | 1 | Metsulfuron-methyl | 3 | N | N |
| 524-494 | ROUNDUP D-PAK HERBICIDE | 0.03 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-507 | FALLOW MASTER BROADSPECTRUM HERBICIDE | 0.03 | 0.00 | 1 | Dicamba; Glyphosate, isopropylamine salt | 1 | N | N |
| 524-499 | MON 37500 TECHNICAL | 0.03 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-558 | GLYPHOSATE TECHNICAL (WETCAKE) | 0.03 | 0.00 | 1 | Glyphosate | 2 | N | N |
| 524-561 | POTASSIUM GLYPHOSATE 58% G2 | 0.03 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-546 | MON 79158 HERBICIDE | 0.03 | 0.00 | 1 | Diquat dibromide; Glyphosate, isopropylamine salt; Imazapic, ammonium salt | 3 | N | N |
| 524-550 | RD1619 HERBICIDE | 0.03 | 0.00 | 1 | Glyphosate | 3 | N | N |

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|------------|--|---------------|--------------|-------------|--|-------------|------------|---------------|
| 524-553 | RD 1626 HERBICIDE FLOREL BRAND GROWTH REGULATOR | 0.03 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 54705-8 | MON 77945 62.6% HERBICIDE | 0.02 | 0.00 | 1 | Ethephon | 3 | N | N |
| 524-506 | MON 78102 HERBICIDE | 0.02 | 0.00 | 1 | Glyphosate, ethanolamine salt | 3 | N | N |
| 524-510 | MON 78270 HERBICIDE | 0.02 | 0.00 | 1 | Acetochlor; Atrazine; Glyphosate, isopropylamine salt | 2 | Y | N |
| 524-537 | MON 69400 MANUFACTURING USE PRODUCT | 0.02 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-515 | MAVERICK C/A HERBICIDE | 0.02 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-525 | ROUNDUP PROMAX IPA GLYPHOSATE 62% G2 | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-579 | IPA GLYPHOSATE 54% GLYPHOSATE IPA SALT PREMIX | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-559 | 54% GLYPHOSATE IPA SALT PREMIX | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-530 | MON 78404 HERBICIDE | 0.01 | 0.00 | 1 | Carfentrazone- ethyl; Glyphosate, isopropylamine salt | 1 | N | N |
| 524-540 | ROUNDUP E Z DRY HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-477 | HARNESS XTRA 5.6L HERBICIDE PREMIX FOR CORN | 0.01 | 0.00 | 1 | Acetochlor; Atrazine | 3 | Y | N |
| 524-485 | MON 58420 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine; Glyphosate, isopropylamine salt | 1 | Y | N |
| 524-493 | MON 58442 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine; Glyphosate, isopropylamine salt | 3 | Y | N |
| 524-497 | MON 58494 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine | 3 | Y | N |
| 524-511 | ROUNDUP PROBLEND HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-518 | MON 78095 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt; Oxyfluorfen | 3 | Y | N |
| 524-520 | MON 78128 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, ethanolamine salt | 2 | N | N |
| 524-521 | MON 78623 58% TECHNICAL SOLUTION | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-532 | MON 78088 HERBICIDE | 0.01 | 0.00 | 1 | Atrazine; Glyphosate, isopropylamine salt | 3 | N | N |
| 524-509 | ROUNDUP ULTRAMAX | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-512 | MON 78271 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 2 | N | N |
| 524-538 | | | | | | | | |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|--|---------------|--------------|-------------|---|-------------|------------|---------------|
| 524-487 | HARNESS 20 G HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-488 | MON 8411 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-513 | MON 78103 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Glyphosate, isopropylamine salt | 3 | Y | N |
| 524-517 | ACCORD XL HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-500 | MAVERICK HERBICIDE | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-483 | TOPHAND GRASS HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 2 | Y | N |
| 524-539 | ROUNDUP ORIGINAL 2K HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-548 | MON 78460A HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 2 | N | N |
| 524-578 | RD 1685 | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-557 | MON 008 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 3 | N | N |
| 524-514 | MON 78063 | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt | 2 | N | N |
| 524-523 | MON 78746 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, isopropylamine salt; Quizalofop-P-ethyl | 1 | N | N |
| 524-524 | SEMPRA CA HERBICIDE | 0.01 | 0.00 | 1 | Halosulfuron-methyl | 3 | N | N |
| 524-526 | MON 37525W HERBICIDE MON 37525 NC | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-531 | RT MASTER | 0.01 | 0.00 | 1 | 2,4-D, isopropylamine salt; Glyphosate, isopropylamine salt | 3 | N | N |
| 524-534 | MON 44951 HERBICIDE | 0.01 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 524-496 | MON 58430 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-502 | ROUNDUP WSD WATER SOLUBLE DRY HERBICIDE DEPLOY DRY HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-505 | ROUNDUP PRODRY HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, monoammonium salt | 3 | N | N |
| 524-476 | HARNESS PLUS HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 1 | Y | N |
| 524-490 | MON-8413 HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor | 3 | Y | N |
| 524-480 | HARNESS XTRA HERBICIDE | 0.01 | 0.00 | 1 | Acetochlor; Atrazine | 3 | Y | N |
| 524-554 | RD 1629 HERBICIDE | 0.01 | 0.00 | 1 | Glyphosate, potassium salt | 3 | N | N |
| 524-533 | MON 44940 SC HERBICIDE | 0.00 | 0.00 | 1 | Sulfosulfuron | 3 | Y | N |
| 62719-80 | LONTREL T TECHNICAL | 0.00 | 0.00 | 1 | Clopyralid | 1 | N | N |
| 10404-100 | LESCO PRE-M 0.86% PLUS FERTILIZER | 0.00 | 3,000.00 | 1 | Pendimethalin | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|-------------------|--|---------------|--------------|-------------|---|-------------|------------|---------------|
| 9198-54 | ANDERSON'S WEED AND FEED II 28-3-9 | 0.00 | 300.00 | 1 | 2,4-D, dimethylamine salt; MCP, dimethylamine salt | 3 | N | N |
| 228-340 | RIVERDALE XRM-5202 PREMIUM WEED AND FEED | 0.00 | 100.00 | 1 | 2,4-D, trisopropanolamine salt; Clopyralid; Triclopyr, triethylamine salt | 3 | N | N |
| 8378-64 | SHAW'S TUPERSAN 470 GRANULES | 0.00 | 60.00 | 1 | Siduron | 3 | N | N |
| 961-394 | LEBANON FERTILIZER PLUS CONFRONT TR BRAND HERBICIDE | 0.00 | 37.50 | 1 | 2,4-D, butoxyethanol ester; Triclopyr, butoxyethyl ester | 3 | N | N |
| 100-834 | BARRICADE 65WG HERBICIDE | 0.00 | 0.18 | 1 | Proflam | 3 | Y | N |
| 62719-445 | DIMENSION* ULTRA 40WP | 0.00 | 0.01 | 1 | Dithiopyr | 3 | N | N |
| 81880-1 | GWN-3069 | 0.00 | 0.00 | 1 | Halosulfuron-methyl | 3 | N | N |
| Fungicides | | | | | | | | |
| 432-890 | ALIETTE WDG BRAND FUNGICIDE | 0.00 | 1,303.75 | 41 | Fosetyl-Al | 3 | N | N |
| 60063-7 | ECHO 720 AGRICULTURAL FUNGICIDE | 107.31 | 0.00 | 27 | Chlorothalonil | 2 | Y | N |
| 100-1093 | HERITAGE FUNGICIDE | 0.09 | 81.64 | 26 | Azoxystrobin | 3 | N | N |
| 432-1360 | BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER SOLUBLE PACKETS | 1.00 | 188.79 | 25 | Triadimefon | 3 | Y | Y |
| 50534-202 | DACONIL SDG | 74.00 | 234.95 | 24 | Chlorothalonil | 1 | Y | N |
| 60063-3 | ECHO 825 | 0.00 | 552.00 | 24 | Chlorothalonil | 1 | Y | N |
| 7969-184 | Insignia Fungicide | 0.00 | 326.71 | 21 | Pyraclostrobin | 3 | N | N |
| 100-796 | SUBDUE MAXX | 45.20 | 21.38 | 18 | Mefenoxam | 3 | N | N |
| 432-942 | BANOL TURF AND ORNAMENTAL FUNGICIDE | 20.28 | 0.00 | 16 | Propamocarb hydrochloride | 3 | N | N |
| 58185-33 | DOMAIN FL | 8.53 | 0.00 | 14 | Thiophanate-methyl | 3 | Y | Y |
| 9198-115 | THE ANDERSONS TURF FUNGICIDE WITH 5.0% DACONIL | 0.00 | 4,500.00 | 13 | Chlorothalonil | 1 | Y | N |
| 100-769 | MEDALLION FUNGICIDE | 1.00 | 89.61 | 12 | Fludioxonil | 3 | N | N |
| 100-741 | ALAMO FUNGICIDE | 29.34 | 0.00 | 12 | Propiconazole | 2 | Y | N |
| 7969-124 | CYGNUS FUNGICIDE | 0.00 | 1.34 | 11 | Kresoxim-methyl | 3 | Y | N |
| 432-888 | CHIPCO 26019 FLO BRAND FUNGICIDE | 31.19 | 0.00 | 10 | Iprodione | 3 | Y | N |
| 66222-41 | BUMPER 14.3 EC (PROPICONAZOLE) FUNGICIDE | 0.12 | 0.00 | 10 | Propiconazole | 2 | Y | N |
| 62719-346 | PROPICONAZOLE EC | 15.47 | 10.00 | 9 | Propiconazole | 2 | Y | N |
| 50534-209 | DACONIL 720 FLOWABLE FUNGICIDE | 37.00 | 0.00 | 9 | Chlorothalonil | 3 | Y | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 58044-3 | CONSAN TRIPLE ACTION 20 | 0.24 | 0.00 | 7 | Alkyl (50%C12, 30%C14, 17%C16, 3%C18) dimethylethylbenzyl ammonium chloride; Alkyl* dimethyl benzyl ammonium chloride *(50%C12, 30%C14, 17%C16, 3%C18); Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12) | 1 | N | N |
| 538-183 | PROTURF FLUID FUNGICIDE | 15.50 | 0.00 | 6 | Iprodione; Thiophanate-methyl | 3 | Y | Y |
| 7969-224 | CURALAN EG | 0.00 | 211.00 | 6 | Vinclozolin | 3 | Y | Y |
| 9198-111 | THE ANDERSONS 1.0% BAYLETON(R) FUNGICIDE | 0.00 | 725.00 | 5 | Triadimefon | 3 | Y | Y |
| 7969-85 | RONILAN EG FUNGICIDE | 0.00 | 102.10 | 5 | Vinclozolin | 3 | Y | Y |
| 400-454 | TURFCIDE 4F | 29.28 | 0.00 | 4 | PCNB | 3 | Y | N |
| 66330-305 | IPRODIONE 2SE TURF | 20.00 | 0.00 | 4 | Iprodione | 3 | Y | N |
| 70127-2 | NOVOZYMES BIOFUNGICIDE GREEN RELEAF 710-140 | 19.80 | 0.00 | 4 | Bacillus licheniformis SB3086; IBA | 3 | N | N |
| 70252-11 | MEFENOXAM 2L | 3.50 | 32.00 | 4 | Mefenoxam | 3 | N | N |
| 100-794 | SUBDUE GR | 0.00 | 360.00 | 4 | Mefenoxam | 3 | N | N |
| 66330-41 | ENDORSE WETTABLE POWDER FUNGICIDE | 0.00 | 87.50 | 4 | Polyoxin D zinc salt | 3 | N | N |
| 100-795 | SUBDUE WSP FUNGICIDE | 0.00 | 4.69 | 4 | Mefenoxam | 3 | N | N |
| 432-1371 | COMPASS | 0.00 | 2.02 | 4 | Trifloxystrobin | 3 | N | N |
| 432-1432 | COMPASS G FUNGICIDE | 0.00 | 270.00 | 3 | Trifloxystrobin | 3 | N | N |
| 400-416 | TERRAZOLE 35% WETTABLE POWDER | 0.00 | 36.00 | 3 | Terrazole | 3 | Y | N |
| 79676-8 | PROPICONAZOLE E-PRO 14.3 MEC FUNGICIDE | 0.00 | 31.50 | 3 | Propiconazole | 2 | Y | N |
| 71962-1 | AGRI-FOS SYSTEMIC FUNGICIDE | 12.50 | 0.00 | 3 | Mono- and di-potassium salts of phosphorous acid | 3 | N | N |
| 1001-78 | 3336 PLUS SYSTEMIC FUNGICIDE | 10.00 | 0.00 | 2 | Thiophanate-methyl | 3 | Y | Y |
| 100-1191 | HERITAGE MAXX | 1.00 | 6.75 | 2 | Azoxystrobin | 3 | N | N |
| 10404-58 | LESCO GRANULAR TURF FUNGICIDE | 0.00 | 160.00 | 2 | Triadimefon | 3 | Y | Y |
| 62719-388 | FORE 80WP RAINSHIELD | 0.00 | 96.00 | 2 | Mancozeb | 3 | Y | N |
| 68173-2 | ENDORSE WETTABLE POWDER FUNGICIDE | 0.00 | 51.00 | 2 | Polyoxin D zinc salt | 3 | N | N |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 58185-31 | DUOSAN WSB WETTABLE POWDER TURF AND ORNAMENTAL FUNGICIDE | 0.00 | 4.75 | 2 | Mancozeb; Thiophanate-methyl | 2 | Y | Y |
| 5905-541 | ARMICARB 100 | 0.00 | 0.61 | 2 | Potassium bicarbonate | 3 | N | N |
| 9198-222 | ANDERSONS GOLF PRODUCTS FUNGO FLO | 2.50 | 0.00 | 2 | Thiophanate-methyl | 3 | Y | Y |
| 50534-211 | DACONIL ZN FLOWABLE FUNGICIDE | 2.50 | 0.00 | 1 | Chlorothalonil | 2 | Y | N |
| 62719-463 | EAGLE 20EW | 1.22 | 0.00 | 1 | Myclobutanil | 3 | N | Y |
| 68539-4 | T-22 WP BIOLOGICAL FUNGICIDE | 0.14 | 0.00 | 1 | Trichoderma harzianum rifai strain KRL-AG2 | 3 | N | N |
| 239-2435 | ORTHO ROSE DISEASE CONTROL | 0.10 | 0.00 | 1 | Triforine | 1 | Y | Y |
| 70299-1 | ZEROTOL ALGAECIDE/FUNGICIDE | 0.08 | 0.00 | 1 | Hydrogen peroxide | 1 | N | N |
| 538-88 | SYSTEMIC FUNGICIDE | 0.00 | 500.00 | 1 | Thiophanate-methyl | 3 | Y | Y |
| 1001-70 | 3336 G | 0.00 | 300.00 | 1 | Thiophanate-methyl | 3 | Y | Y |
| 10163-274 | RUBIGAN A.S. TURF AND ORNAMENTAL | 0.00 | 10.00 | 1 | Fenarimol | 3 | N | N |
| 400-399 | TERRACLOR 75% WETTABLE POWDER | 0.00 | 1.20 | 1 | PCNB | 3 | Y | N |
| 432-1367 | BAYLETON 50 WDG NURSERY AND GREENHOUSE SYSTEMIC FUNGICIDE | 0.00 | 0.01 | 1 | Triadimefon | 3 | Y | Y |
| 1001-69 | 3336 F | 0.00 | 0.00 | 1 | Thiophanate-methyl | 3 | Y | Y |

Pesticide Products Used by Health and Hospitals Corporation in 2007 by Pesticide Type

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|--|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| Rodenticides | | | | | | | | |
| 12455-79 | CONTRAC ALL-WEATHER BLOX | 0.00 | 712.97 | 545 | Bromadiolone | 3 | No | No |
| 7173-188 | MAKI RAT AND MOUSE BAIT PACKS (PELLETS) | 0.00 | 51.38 | 93 | Bromadiolone | 3 | No | No |
| 12455-89 | FINAL ALL-WEATHER BLOX | 0.00 | 13.35 | 31 | Brodifacoum | 3 | No | No |
| 12455-56 | DITRAC TRACKING POWDER | 0.00 | 9.50 | 16 | Diphacinone | 2 | No | No |
| 12455-16 | ZP TRACKING POWDER | 0.00 | 2.50 | 13 | Zinc phosphide | 2 | No | No |
| 7173-218 | GENERATION MINI BLOCKS | 0.00 | 78.94 | 12 | Difethialone | 3 | No | No |
| 100-1055 | WEATHERBLOK BAIT WITH BITREX | 0.00 | 5.16 | 10 | Brodifacoum | 3 | No | No |
| 7173-172 | ROZOL BLUE TRACKING POWDER | 0.00 | 5.00 | 5 | Chlorophacinone | 2 | No | No |
| 7173-202 | MAKI MINI BLOCKS | 0.00 | 4.13 | 4 | Bromadiolone | 3 | No | No |
| 7173-113 | ROZOL TRACKING POWDER | 0.00 | 0.38 | 2 | Chlorophacinone | 2 | No | No |
| Other (Repellent, Biochemical Pesticides, Etc.) | | | | | | | | |
| 2724-351 | ZOECON RF-259 EMULSIFIABLE CONCENTRATE | 0.07 | 0.00 | 8 | (7S)-Hydroprene | 3 | No | No |
| Insecticides | | | | | | | | |
| 9444-129 | ROACH KIL COMMERCIAL | 0.00 | 363.10 | 1,248 | Boric acid | 3 | No | No |
| 432-1254 | MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER BAIT GEL | 0.00 | 73.92 | 1,048 | Hydramethylnon | 3 | Yes | Yes |
| 432-1259 | PRODUCT: RBF5 | 0.00 | 93.39 | 287 | Fipronil | 3 | Yes | No |
| 432-1363 | TEMPO SC INSECTICIDE | 204.61 | 0.00 | 158 | Cyfluthrin, beta | 3 | No | No |
| 432-1255 | MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER/GRANULAR BAIT | 0.00 | 54.65 | 141 | Hydramethylnon | 3 | Yes | Yes |
| 47000-73 | CT 511 | 0.00 | 57.95 | 120 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 432-763 | K-OTHRINE SC INSECTICIDE | 90.96 | 0.00 | 107 | Deltamethrin | 3 | No | No |
| 100-1066 | DEMAND CS INSECTICIDE | 99.94 | 0.00 | 95 | Cyhalothrin, lambda | 3 | No | No |
| 432-1304 | TEMPO 10 WP INSECTICIDE | 129.98 | 0.00 | 94 | Cyfluthrin, beta | 3 | No | No |
| 499-294 | WHITMIRE AVERT PT 310 ABAMECTIN DUST | 0.00 | 5.94 | 82 | Avermectin | 3 | No | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|--|-------------|------------|---------------|
| 499-444 | WHITMIRE MICRO-GEN TC 164 | 8.42 | 1.50 | 79 | Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 67425-14 | ECOPCO ACU | 1.20 | 25.06 | 73 | Phenylethyl propionate | 3 | No | No |
| 499-406 | AVERT PRESCRIPTION TREATMENT TC 93A BAIT | 0.00 | 6.03 | 68 | Avermectin | 3 | No | No |
| 9444-183 | INTRUDER RESIDUAL WITH CYFLUTHRIN | 0.00 | 28.09 | 67 | Cyfluthrin; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 432-1262 | MAXFORCE IBH10 | 0.00 | 16.25 | 56 | Hydramethylnon | 3 | Yes | Yes |
| 432-1264 | MAXFORCE ABF4 | 0.00 | 3.07 | 54 | Fipronil | 3 | Yes | No |
| 64405-2 | REDZONE BAIT | 0.00 | 27.88 | 49 | Boric acid | 3 | No | No |
| 432-1257 | MAXFORCE ROACH BAIT F.05 | 0.00 | 1.57 | 37 | Fipronil | 3 | Yes | No |
| 2724-274 | GOLDEN MALRIN RF-128 FLY KILLER | 0.00 | 11.73 | 33 | (Z)-9-Tricosene; Methomyl | 3 | No | No |
| 1021-1424 | PYROCIDE FOGGING CONCENTRATE 7338 | 0.00 | 9.91 | 32 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 1677-191 | ECO2000-GR | 0.00 | 5.63 | 32 | Boric acid | 3 | No | No |
| 655-798 | PRENTOX EXCITE (R) | 4.25 | 1.00 | 31 | Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 241-392 | PHANTOM TERMITICIDE-INSECTICIDE | 0.80 | 0.00 | 31 | Chlorfenapyr | 3 | Yes | No |
| 432-772 | K-OTHRINE DUST | 0.00 | 8.44 | 31 | Deltamethrin | 3 | No | No |
| 499-507 | TC 248 | 0.00 | 0.30 | 22 | Dinotefuran | 3 | No | No |
| 352-652 | DUPONT ADVION COCKROACH GEL BAIT | 0.00 | 0.90 | 20 | Indoxacarb | 3 | No | No |
| 499-470 | WHITMIRE MICRO-GEN TC 198 | 0.15 | 5.88 | 19 | Cyfluthrin | 3 | No | No |
| 499-410 | AVERT PRESCRIPTION TREATMENT TC 93B BAIT | 0.00 | 1.61 | 19 | Avermectin | 3 | No | No |
| 1677-196 | ECO2000-XP FRESHBAIT | 0.00 | 0.66 | 19 | Boric acid | 3 | No | No |
| 279-3206 | TALSTAR TC FLOWABLE TERMITICIDE/INSECTICIDE | 15.35 | 0.00 | 18 | Bifenthrin | 3 | Yes | No |
| 655-802 | PRENTOX LARVALUR CONTAINS PROPOXUR | 0.00 | 10.00 | 18 | Propoxur | 3 | Yes | No |
| 73079-1 | INTICE SWEET ANT GEL | 0.00 | 1.26 | 18 | Boric acid | 3 | No | No |
| 432-1375 | PRE-EMPT FLY BAIT | 0.00 | 16.21 | 16 | (Z)-9-Tricosene; Imidacloprid | 3 | No | No |
| 1021-1603 | NYLAR 10EC | 15.66 | 0.00 | 13 | Pyriproxyfen | 2 | No | No |
| 499-290 | WHITMIRE PT 505 XLO PYRETHRUM CONTACT INSECTICIDE | 0.09 | 8.69 | 13 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |

| EPA Reg. # | EPA Product Name | Volume (Gals) | Weight (Lbs) | No. Appl's. | Active Ingredient(s) | EPA Tox Cat | EPA Carcin | CA Dev. Toxin |
|------------|---|---------------|--------------|-------------|---|-------------|------------|---------------|
| 432-992 | DRIONE INSECTICIDE | 0.00 | 2.50 | 10 | Piperonyl butoxide; Pyrethrins; Silica gel | 3 | Yes | No |
| 499-304 | WHITMIRE OPTEM ME PT 600 | 0.00 | 0.66 | 10 | Cyfluthrin | 3 | No | No |
| 499-492 | TC 228 | 0.00 | 0.32 | 10 | Borax | 3 | No | No |
| 59639-31 | ORTHENE PCO FORMULA II | 11.50 | 0.00 | 9 | Acephate | 3 | Yes | No |
| 2724-469 | ZOECON (S)- HYDROPRENE ROACH CONTROL STATION II | 0.16 | 2.13 | 9 | (7S)-Hydroprene | 3 | No | No |
| 2724-484 | RF 9707 AEROSOL | 0.00 | 3.00 | 9 | (7S)-Hydroprene | 3 | No | No |
| 1677-195 | ECO2000-RX FRESHBAIT | 0.00 | 0.33 | 9 | Boric acid | 3 | No | No |
| 499-370 | PT 370 ASCEND FIRE ANT STOPPER BAIT | 0.00 | 22.00 | 6 | Avermectin | 3 | No | No |
| 499-452 | ULD BP-100 INSECTICIDE | 0.00 | 1.38 | 6 | N-octyl bicycloheptene dicarboximide; Piperonyl butoxide; Pyrethrins | 3 | Yes | No |
| 499-385 | WHITMIRE PT-239 TRI-DIE INSECTICIDE | 0.16 | 1.38 | 5 | Diatomaceous earth; Piperonyl butoxide; Pyrethrins | 2 | Yes | No |
| 279-3153 | FIRSTLINE TERMITE BAIT STATION | 0.00 | 0.51 | 4 | Sulfluramid | 3 | No | No |
| 432-1256 | MAXFORCE ANT BAIT F1 | 0.00 | 0.05 | 4 | Fipronil | 3 | Yes | No |
| 6218-47 | SUMMIT B.T.I. BRIQUETS | 0.00 | 3.13 | 3 | Bacillus thuringiensis subspecies Israelensis strain BMP 144 | 3 | No | No |
| 9444-181 | BEE, WASP, & HORNET JET STREAM | 0.00 | 1.38 | 2 | Phenothrin; Tetramethrin | 3 | Yes | No |
| 499-496 | TC 234 | 0.00 | 0.38 | 2 | Avermectin | 3 | No | No |
| 432-1252 | MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER BAIT STATIONS | 0.00 | 0.05 | 2 | Hydramethylnon | 3 | Yes | Yes |
| 499-404 | WHITMIRE TC 104 | 0.00 | 0.94 | 1 | N-octyl bicycloheptene dicarboximide; Permethrin; Pyrethrins; Pyriproxyfen | 3 | Yes | No |
| 499-429 | WHITMIRE TC-119 | 0.00 | 0.31 | 1 | Piperonyl butoxide; Pyrethrins; Silica gel | 3 | Yes | No |
| 1677-166 | ECO2000-RX | 0.00 | 0.20 | 1 | Boric acid | 3 | No | No |
| 432-1265 | MAXFORCE IBH11 | 0.00 | 0.19 | 1 | Hydramethylnon | 3 | Yes | Yes |
| 149-8 | TERRO ANT KILLER II | 0.00 | 0.13 | 1 | Borax | 3 | No | No |