



Pesticide Use by New York City Agencies in 2008

Prepared by the Division of Environmental Health Services,
Bureau of Environmental Surveillance and Policy
New York City Department of Health and Mental Hygiene

May, 2009 (Amended June 2010)

Pesticide Use by New York City Agencies in 2008

Contents

Executive Summary	1
I. Background	2
II. Sources of Pesticide Use Data	2
III. Methods and Limitations	3
IV. Pesticide Use Findings	4
A. Types of pesticides used by City agencies	4
B. Summary of citywide pesticide use	7
C. Summary of agencies' pesticide use	10
Administration for Children's Services	10
Aging	11
Board of Elections	11
Brooklyn Public Libraries	12
Chief Medical Examiner	13
City University of New York	14
Citywide Administrative Services	16
Corrections	17
Education	20
Environmental Protection	23
Finance	25
Fire	26
Health and Hospitals Corporation	27
Health and Mental Hygiene	29
Homeless Services	30
Housing Authority	32
Housing Preservation and Development	34
Juvenile Justice	35
New York Public Libraries	36
Parks and Recreation	37
Payroll Administration	40
Police	40
Probation	42
Queens Public Library	43
Sanitation	43
Taxi and Limousine Commission	45
Transportation	45
Appendix 1: Complete listing of pesticide products used in New York City	48
Appendix 2: Complete listing of pesticide products used by:	
Department of Parks and Recreation,	65
Health and Hospitals Corporation	76

Pesticide Use by New York City Agencies in 2008

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 2008, 26 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 132,959 times by New York City in 2008. Agencies used a total of 8,908 gallons and 166,103 pounds of pesticides.
- Rodenticides were the most frequently applied type of pesticide, accounting for nearly 52% of all applications.
- Insecticides were the most heavily used type of pesticide, accounting for 69% by volume and 64% 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 5% of the total volume of liquid pesticides, and 17% of the total pounds of solid pesticides applied within the five boroughs of New York City.
- Because more agencies reported data electronically this year, the quantities of pesticides used in 2008 is reported to be greater than in 2007. It is not yet possible to accurately report trends in pesticide use.

Pesticide Use by New York City Agencies in 2008

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 second annual report and fulfills 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, twenty six agencies reported electronic data.

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 2008. All reporting New York City agencies and their contractors provided data to DOHMH in electronic format.

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. In August 2008, DOHMH launched the import function of NYCPURS permitting importation of data maintained by other electronic systems. Several agencies that previously reported only paper records have started using NYCPURS to implement electronic reporting.

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), 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.

Where DOHMH was able to evaluate the completeness of these records, it is reported by agency, below. It is still not 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:

- Of the City University of New York's many community colleges and universities, just eight reported 2008 pesticide use data
- A review of the 2008 data demonstrates that there is incomplete reporting of pesticides used for disinfection and biocidal purposes, as was the case in 2007. While these pesticides are exempt from Local Law 37's prohibitions and prior notification requirements, they are not exempt from reporting mandates.
- The formats used were more streamlined for 2008 and we were able to capture more information pertaining to the target organisms of the pesticides applied by agencies.

Despite the above mentioned limitations, the data captured this year is more complete and more agencies used NYCPURS. We expect to see further improvements in the data over the next year as more agencies fully adopt electronic recordkeeping, migrating existing electronic or paper systems to the NYCPURS system developed by DOHMH for electronic recordkeeping. Additional information about NYCPURS is available at <http://nyc.gov/health/l137>.

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 6,154 gallons and 106,744 pounds of insecticides were applied by New York City in 2008, accounting for 69.1% by volume, and 64.3% 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 2008 include Cynoff EC Insecticide®, ULD BP-300 Insecticide®, Demand CS Insecticide®, Tempo SC Insecticide®, Suspend SC Insecticide® and Evercide Residual Insecticide Concentrate 2662®.

Together, pyrethrins and pyrethroids accounted in 2008 for 95.9% of the total insecticides applied by volume and 2.4% by weight an increase from 89.6% and 1.1% respectively in 2007.

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 2008 include Orthene PCO Formula II® and Sevin Brand RP4 Carbaryl Insecticide ®.

Reports submitted by agencies showed that, in 2008, the use of organophosphates and carbamates accounted for just 0.2% of the total insecticides applied by agencies by volume, and 1.0% by weight, remaining a very small percentage of the insecticides used by city agencies.

“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 2008 2.4% of the total insecticides applied by volume, and 94.4% by weight, were insecticidal dusts, gels and baits, or biological larvicides. Excluding WNV larvicides, the totals equal 50.1% of insecticide products by weight.

Herbicides

The herbicides used by New York City agencies in 2008 were used primarily for vegetation control in parks and for the maintenance of highways and street medians. The active ingredients most commonly used in 2008 were glyphosate, dinitroanilines, chlorophenoxyacetic acids and ureas. Herbicides were a major contributor of pesticide use by agencies.

A total of 1,860 gallons and 9,918 pounds were applied, accounting for 20.9% of total volume and 6.0% of total weight of all pesticides used by agencies in 2008.

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 2008 were Pre-M 3.3 EC Turf Herbicide® and Twin Light Professional Trifluralin 5% Granular®.

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 2008 were Trimec 937 Herbicide® and Speed Zone Broadleaf Herbicide®.

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 2008 were Dupont Oust Extra Herbicide® 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 2008 were: Contrac All-Weather Blox®, Generation Mini Blocks®, Weatherblok Bait with Bitrex® and Ditrac All-Weather Blox®.

In 2008, a total of 76 gallons and 35,664 pounds of rodenticides were applied by City agencies, accounting for 0.8% of all pesticides applied on NYC owned or leased property by volume, and 21.5% 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, and these applications are exempt from Local Law 37 prohibitions.

The active ingredients of fungicides commonly used in NYC in 2008 include: chlorothalonil, thiophanate-methyl, PCNB, iprodione and mancozeb. Common fungicide products applied in 2007 include 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 8.6% of the total pesticide applied by volume and 8.3% 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. Quantities for solid applications are measured as weight in pounds. Pesticides were applied a total of 132,959 times by New York City in 2008. 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 2008, 89% of the insecticides reported by weight were bacterial products designed to kill mosquito larvae in stagnant waters, away from human contact. If we exclude these products, which were used as part of the West Nile Virus control program then 17% of the total pesticide by weight would be due to insecticides. 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 2008, by Pesticide Type

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
2008						
Rodenticide	76	0.8%	38,267	22.4%	75,979	47.6%
Insecticide	6,332	69.7%	108,752	63.7%	78,421	49.1%
Herbicide	1,860	20.5%	9,881	5.8%	4,107	2.6%
Fungicide	765	8.4%	13,789	8.1%	525	0.3%
Other	56	0.6%	30	0.0%	602	0.4%
Totals	9,089		170,718		159,634	

Table 2, below lists the ten most frequently used products used for each pesticide type on New York City owned or leased property in 2008. 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 2008 by 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	0.02	3,398.61	28,698	Brodifacoum	3	NO	NO
100-1050	TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BI	0.00	4,450.87	19,624	Brodifacoum	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	2.69	7,529.23	7,032	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	55.39	4,592.63	5,507	Bromadiolone	3	NO	NO
7173-218	GENERATION MINI BLOCKS	0.05	1,498.59	4,138	Difethialone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	1,787.90	3,372	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	2,116.50	2,070	Diphacinone	3	NO	NO
7173-208	MAKI RODENTICIDE BAIT PACKS (PELLETS)	5.47	725.99	1,325	Bromadiolone	3	NO	NO
12455-56	DITRAC TRACKING POWDER	1.09	9,339.92	1,323	Diphacinone	2	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.10	784.82	1,191	Bromadiolone	3	NO	NO
Insecticides								
432-763	SUSPEND SC INSECTICIDE	3,058.86	139.86	13,543	Deltamethrin	3	NO	NO
432-1318	MERIT 75 WSP	0.04	1,519.71	11,810	Imidacloprid	3	NO	NO
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	106.63	0.62	6,490	Esfenvalerate	3	NO	NO
64405-2	REDZONE BAIT	1.73	1,461.99	5,796	Boric acid	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.16	56,432.65	4,573	Bacillus sphaericus	3	NO	NO
432-1460	MAXFORCE FC ROACH KILLER BAIT GEL F.05	0.24	120.94	3,903	Fipronil	3	YES	NO
67425-14	ECOPCO ACU	140.36	664.94	3,589	Phenylethyl propionate	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	50.50	25.35	3,589	Cyfluthrin	3	NO	NO
73049-19	VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES	0.00	38,317.28	2,958	Bacillus thuringiensis, subsp. israelensis, strain AM 65-52	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
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.25	96.51	2,590	Dinotefuran	3	NO	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	554.30	1,154.41	1,316	Glyphosate, isopropylamine salt	3	NO	NO
228-397	RIVERDALE VANQUISH HERBICIDE	92.10	0.00	382	Dicamba, diglycolamine salt	3	NO	NO
62719-556	ACCORD XRT II	170.35	0.00	338	Glyphosate, dimethylammonium salt	3	NO	NO
241-341	PENDULUM 3.3 EC HERBICIDE	230.32	679.06	334	Pendimethalin	3	YES	NO
62719-542	DIMENSION 2EW	30.43	0.00	265	Dithiopyr	2	NO	NO
62719-176	PATHFINDER II	183.48	0.00	193	Triclopyr, butoxyethyl ester	3	NO	NO
71368-20	NUFARM CREDIT HERBICIDE	160.43	0.00	174	Glyphosate, isopropylamine salt	3	NO	NO
352-622	DUPONT OUST EXTRA HERBICIDE	2.28	0.00	141	Sulfometuron methyl; Metsulfuron-methyl	3	NO	NO
66222-169	VEGETATION MANAGEMENT SFM 75	1.27	0.00	113	Sulfometuron methyl	3	NO	NO
62719-527	GARLON 4 ULTRA	49.91	0.00	97	Triclopyr	2	NO	NO
Fungicides								
100-1093	HERITAGE FUNGICIDE	0.00	85.73	50	Azoxystrobin	3	NO	NO
50534-202	DACONIL SDG	57.50	867.18	34	Chlorothalonil	1	YES	NO
8622-56	BIOBROM C-100G	0.00	16.88	30	2,2-dibromo-3-nitrilopropionamide	1	NO	NO
432-942	BANOL TURF AND ORNAMENTAL FUNGICIDE	59.75	26.13	27	Propamocarb hydrochloride	3	NO	NO
432-890	ALIETTE WDG BRAND FUNGICIDE	0.00	1,201.50	27	Fosetyl-AI	3	NO	NO
100-796	SUBDUE MAXX	38.21	12.44	21	Mefenoxam	3	NO	NO
432-1360	BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER	0.00	237.02	19	Triadimefon	3	YES	YES
60063-3	ECHO 825	0.00	710.00	18	Chlorothalonil	1	YES	NO
9198-115	THE ANDERSONS TURF FUNGICIDE WITH 5.0% DACONIL	0.00	4,855.00	16	Chlorothalonil	1	YES	NO
66222-154	EQUUS 720 SST	133.00	0.00	15	Chlorothalonil	2	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
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	4.14	3.81	448	(7S)-Hydroprene	3	NO	NO
2724-484	GENTROL AEROSOL (FOR PROFESSIONAL USE ONLY)	1.95	3.13	49	(7S)-Hydroprene	3	NO	NO
2724-476	ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E)	0.24	0.00	14	(S)-Kinoprene	2	NO	NO
69117-7	PINCHER PGR	0.02	0.00	13	Dikegulac sodium	3	NO	NO
2724-469	ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II	0.00	4.35	11	(7S)-Hydroprene	3	NO	NO
1001-73	ECOLOGIX COCKROACH BAIT	0.00	5.18	11	Oxypurinol; Xanthine	3	NO	NO
60061-14	WOOLSEY/Z*SPAR SUPER TOX ANTI-FOULING FINISH B-74	11.00	0.00	10	Copper oxide (ous)	2	NO	NO
60061-63	PETTIT MARINE PAINT UNEPOXY STANDARD ANTIFOULING B	8.00	0.00	8	Copper oxide (ous)	2	NO	NO
59639-96	DISTANCE INSECT GROWTH REGULATOR	0.08	0.00	7	Pyriproxyfen	3	NO	NO
100-1014	PACLOBUTRAZOL 2SC	0.00	5.00	6	Paclobutrazol	3	NO	NO

C. 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.

Administration for Children's Services

The New York City Administration for Children's Services provides for the protection of New York City's children from abuse and neglect. Along with their community partners, Children's Services provides neighborhood-based services to help ensure children grow up in safe, permanent homes with strong families. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 3 summarizes pesticide use by pesticide type. Table 4 lists all pesticide products used by ACS in 2008.

Table 3: Types of Pesticides Used by ACS in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	66.8	75.2%	101	25.4%
Insecticide	1.0	97.4%	22.0	24.8%	295	74.1%

Other	0.0	2.6%	0.0	0.0%	2	0.5%
Totals	1.0		88.8		398	

Table 4: Pesticide Products Used by ACS in 2008 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	32.66	36	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	13.81	31	Diphacinone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	14.67	22	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	3.82	6	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	1.83	6	Bromadiolone	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.03	0.00	2	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.97	0.00	244	Esfenvalerate	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	8.62	28	Avermectin	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.11	14	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	12.81	5	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	0.50	4	Boric acid	3	NO	NO

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. These facilities are privately operated and contract individually with private vendors for pest control to address typical structural urban pest issues, such as roaches, rodents, and flies. DFTA has provided a list of these service locations and their pest control providers.

Board of Elections

The Board of Elections is the administrative body that oversees elections through its staff at its main and five borough offices. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 5 summarizes pesticide use by pesticide type. Table 6 lists all pesticide products used by BOE in 2008.

Table 5: Types of Pesticides Used by BOE in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	105.3	99.0%	48	38.7%
Insecticide	0.6	100.0%	1.1	1.0%	76	61.3%
Totals	0.6		106.3		124	

Table 6: Pesticide Products Used by BOE in 2008 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	92.25	21	Diphacinone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	7.88	15	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	2.16	5	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	2.43	4	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	0.56	3	Bromadiolone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.57	0.00	66	Esfenvalerate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.06	5	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	0.81	4	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	0.19	1	Boric acid	3	NO	NO

Brooklyn Public Libraries

The Brooklyn Public Library (BPL) serves Brooklyn's 2.5 million residents, offering thousands of public programs, millions of books and use of more than 850 free Internet-accessible computers at its 66 locations. Contractors are hired for pest management as needed and the major pest infestations are roaches and mice. Table 7 summarizes pesticide use by pesticide type. Table 8 lists all pesticide products used by BPL in 2008.

Table 7: Types of Pesticides Used by BPL in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	5.5	89.4%	6	42.9%
Insecticide	0.0	0.0%	0.7	10.6%	8	57.1%
Totals	0.0		6.2		14	

Table 8: Pesticide Products Used by BPL in 2008 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	3.50	5	Bromadiolone	3	NO	NO
12455-89	FINAL ALL-WEATHER BLOX	0.00	2.00	1	Brodifacoum	3	NO	NO
Insecticides								
432-1255	MAXFORCE GRANULAR INSECT BAIT	0.00	0.24	6	Hydramethylnon	3	YES	YES
499-500	PRESCRIPTION TREATMENT BRAND ADVANCE COMPRESSED TERMITE BAIT II	0.00	0.41	2	Diflubenzuron	3	NO	NO

Chief Medical Examiner

The Office of Chief Medical Examiner (OCME) is responsible for investigating deaths in unusual circumstances, where an application for cremation is made, provides additional forensic services to support criminal investigations and manages all functions of the City mortuary. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 9 summarizes pesticide use by pesticide type. Table 10 lists all pesticide products used by OCME in 2008.

Table 9: Types of Pesticides Used by OCME in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	24.5	39.7%	26	12.1%
Insecticide	2.7	100.0%	37.3	60.3%	188	87.9%
Totals	2.7		61.8		214	

Table 10: Pesticide Products Used by OCME in 2008

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	16.88	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
12455-80	DITRAC ALL-WEATHER BLOX	0.00	3.88	4	Diphacinone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	1.80	4	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	0.41	3	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	1.56	2	Bromadiolone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	1.72	0.00	161	Esfenvalerate	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	5.29	13	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	31.88	11	Phenylethyl propionate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.13	2	Avermectin	3	NO	NO
397-13	STERI-FAB	1.00	0.00	1	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	NO	NO

City University of New York

The City University of New York is the nation's largest urban public university and is comprised of 23 institutions. The University serves more than 243,000 degree-credit students and 240,000 adult, continuing and professional education students. Individual institutions contracts for pest control services through private vendors. The data reported is information received from 8 colleges, Borough of Manhattan Community College, John Jay College, La Guardia Community College, Law School, Lehman College, Queens Borough Community College, Queens College and York College. Table 11 summarizes pesticide use by pesticide type. Table 12 lists all pesticide products used by CUNY in 2008.

Table 11: Types of Pesticides Used by CUNY in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	144.6	81.7%	188	53.6%

Insecticide	1.3	3.1%	15.4	8.7%	117	33.3%
Herbicide	1.0	2.4%	0.0	0.0%	6	1.7%
Fungicide	40.0	94.5%	16.9	9.5%	34	9.7%
Other	0.0	0.1%	0.0	0.0%	6	1.7%
Totals	42.3		176.9		351	

Table 12: Pesticide Products Used by CUNY in 2008 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	68.36	70	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	24.75	56	Bromadiolone	3	NOI	NO
7173-218	GENERATION MINI BLOCKS	0.00	26.72	54	Difethialone	3	NO	NO
12455-82	CONTRAC SUPER-SIZE BLOX	0.00	21.00	4	Bromadiolone	3	NO	NO
100-1055	WEATHERBLOK BAIT WITH BITREX	0.00	3.40	2	Brodifacoum	3	NO	NO
7173-211	GENERATION RODENTICIDE BAIT PACKS (PELLETS)	0.00	0.22	1	Difethialone	3	NO	NO
12455-29	DITRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	0.19	1	Diphacinone	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.02	0.00	5	(7S)-Hydroprene	3	NO	NO
2724-469	ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II	0.00	0.00	1	(7S)-Hydroprene	3	NO	NO
Insecticides								
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	3.47	31	Indoxacarb	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	3.17	23	Avermectin	3	NO	NO
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.29	0.00	21	Hydramethylnon	3	YES	YES

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
432-1363	TEMPO SC INSECTICIDE	0.03	0.00	12	Cyfluthrin, beta	3	NO	NO
73079-2	IN TICE GRANULAR BAIT	0.00	7.81	11	Boric acid	3	NO	NO
432-1304	TEMPO 10 WP INSECTICIDE	0.00	0.01	7	Cyfluthrin, beta	3	NO	NO
73079-7	INTICE (TM) LIQUID BAIT	0.00	0.75	6	Borax	3	NO	NO
432-763	SUSPEND SC INSECTICIDE	1.00	0.00	2	Deltamethrin	3	NO	NO
432-1259	PRODUCT: RBF5	0.00	0.10	2	Fipronil	3	YES	NO
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.00	0.07	1	Dinotefuran	3	NO	NO
432-1264	MAXFORCE ABF4	0.00	0.06	1	Fipronil	3	YES	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	0.94	0.00	5	Glyphosate, isopropylamine salt	3	NO	NO
100-817	BICEP II MAGNUM HERBICIDE	0.07	0.00	1	Atrazine; Metolachlor, (S)	3	YES	NO
Fungicides								
8622-56	BIOBROM C-100G	0.00	16.88	30	2,2-dibromo-3-nitropropionamide	1	NO	NO
707-133	KATHON WT 1.5%	40.00	0.00	4	5-chloro-2-methyl-4-isothiazolin-3-one; 2-methyl-4-isothiazolin-3-one	1	NO	NO

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 and the report submitted reflects these applications. Table 13 summarizes pesticide use by pesticide type. Table 14 lists all pesticide products used by DCAS in 2008.

Table 13: Types of Pesticides Used by DCAS in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total

Rodenticide	0.0	0.0%	738.9	94.5%	743	48.1%
Insecticide	31.8	99.5%	43.4	5.5%	786	50.9%
Other	0.2	0.5%	0.0	0.0%	16	1.0%
Totals	32.0		782.3		1,545	

Table 14: Pesticide Products Used by DCAS in 2008 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	482.26	405	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	147.28	191	Diphacinone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	53.75	56	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	40.56	54	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	15.07	37	Bromadiolone	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.17	0.00	16	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	3.84	0.00	589	Esfenvalerate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	4.30	103	Avermectin	3	NO	NO
64405-2	REDZONE BAIT	0.00	14.41	52	Boric acid	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	9.81	22	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	14.66	16	Phenylethyl propionate	3	NO	NO
397-13	STERI-FAB	28.00	0.00	3	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	NO	NO
499-384	WHITMIRE PT 240 PERMA-DUST INSECTICIDE	0.00	0.19	1	Boric acid	3	NO	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. Table 15 summarizes pesticide use by pesticide type. Table 16 lists all pesticide products used by DOC in 2008.

Table 15: Types of Pesticides Used by DOC in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	202.0	61.4%	396	19.1%
Insecticide	30.8	99.0%	127.2	38.6%	1,632	78.6%
Other	0.3	1.0%	0.0	0.0%	49	2.4%
Totals	31.1		329.2		2,077	

Table 16: Pesticide Products Used by DOC in 2008 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	39.04	177	Bromadiolone	3	NO	NO
7173-218	GENERATION MINI BLOCKS	0.00	53.75	66	Difethialone	3	NO	NO
7173-202	MAKI MINI BLOCKS	0.00	26.01	66	Bromadiolone	3	NO	NO
100-1057	TALON-G RODENTICIDE MINI-PELLETS WITH BITREX	0.00	18.06	26	Brodifacoum	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	10.99	20	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	24.66	18	Bromadiolone	3	NO	NO
12455-56	DITRAC TRACKING POWDER	0.00	1.63	8	Diphacinone	2	NO	NO
7173-113	ROZOL TRACKING POWDER	0.00	0.35	8	Chlorophacinone	2	NO	NO
7173-188	MAKI RAT AND MOUSE BAIT PACKS (PELLETS)	0.00	19.50	3	Bromadiolone	3	NO	NO
7173-172	ROZOL BLUE TRACKING POWDER	0.00	5.19	2	Chlorophacinone	2	NO	NO
12455-69	CONTRAC RODENTICIDE	0.00	2.25	1	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	0.55	1	Bromadiolone	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.32	0.00	49	(7S)-Hydroprene	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
Insecticides								
279-3081	CYNOFF EC INSECTICIDE	2.64	0.00	370	Cypermethrin, beta	3	YES	NO
432-1259	PRODUCT: RBF5	0.00	10.59	168	Fipronil	3	YES	NO
432-763	SUSPEND SC INSECTICIDE	14.52	0.00	165	Deltamethrin	3	NO	NO
499-290	WHITMIRE PT 505 XLO PYRETHRUM CONTACT INSECTICIDE	0.71	0.00	75	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
432-1304	TEMPO 10 WP INSECTICIDE	0.00	1.69	69	Cyfluthrin, beta	3	NO	NO
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.00	2.14	57	Dinotefuran	3	NO	NO
100-1218	DEMON MAX INSECTICIDE	0.88	0.00	56	Cypermethrin, beta	2	YES	NO
432-1363	TEMPO SC INSECTICIDE	0.13	0.00	55	Cyfluthrin, beta	3	NO	NO
100-1066	DEMAND CS INSECTICIDE	0.19	0.00	48	Cyhalothrin, lambda	3	NO	NO
499-310	WHITMIRE PT 566 PYRETHRUM	0.03	13.13	48	Pyrethrins; D-trans Allethrin; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
499-492	PRESCRIPTION TREATMENT BRAND 388B ADVANCE ANT GEL BAIT	0.00	4.07	47	Borax	3	NO	NO
499-450	ULD BP-300 INSECTICIDE	9.30	0.00	45	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
279-3070	CYNOFF WP INSECTICIDE	0.70	0.00	45	Cypermethrin, beta	2	YES	NO
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.00	2.20	44	Hydramethylnon	3	YES	YES
64405-2	REDZONE BAIT	0.00	62.00	42	Boric acid	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	3.67	42	Avermectin	3	NO	NO
499-470	WHITMIRE MICRO-GEN TC 198	0.20	9.20	38	Cyfluthrin	3	NO	NO
62719-88	DURSBAN ME20	0.27	0.00	27	Chlorpyrifos	3	NO	NO
432-1252	MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER BA	0.00	0.02	27	Hydramethylnon	3	YES	YES

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
432-1301	TEMPO 20 WP IN WATER SOLUBLE PACKETS	0.00	0.16	23	Cyfluthrin	3	NO	NO
432-1250	PERMANONE 31-66	0.00	1.69	20	Permethrin; Piperonyl butoxide	3	YES	NO
432-1251	MAXFORCE ROACH CONTROL SYSTEM	0.00	0.95	17	Hydramethylnon	3	YES	YES
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.16	0.34	16	Bacillus sphaericus	3	NO	NO
432-1262	MAXFORCE IBH10	0.00	3.13	12	Hydramethylnon	3	YES	YES
5481-8973	ORTHENE PCO FORMULA II	0.08	0.00	10	Acephate	3	YES	NO
432-1264	MAXFORCE ABF4	0.00	0.30	10	Fipronil	3	YES	NO
499-294	WHITMIRE AVERT PT 310 ABAMECTIN DUST	0.00	0.16	9	Avermectin	3	NO	NO
499-370	PT 370 ASCEND FIRE ANT STOPPER BAIT	0.00	8.88	8	Avermectin	3	NO	NO
499-182	WHITMIRE PT 565	0.32	0.00	7	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
432-992	DRIONE INSECTICIDE	0.00	0.94	6	Pyrethrins; Piperonyl butoxide; Silica gel	3	YES	NO
9444-131	DRAX ANT KILL GEL	0.00	0.56	6	Boric acid	3	NO	NO
9444-183	INTRUDER RESIDUAL WITH CYFLUTHRIN	0.01	0.00	4	Cyfluthrin; Pyrethrins; Piperonyl butoxide	3	YES	NO
499-459	MICRO-GEN ANT REACTOR	0.00	0.00	4	Sulfluramid	3	NO	NO
499-362	WHITMIRE PT 515 WASP FREEZE	0.65	0.00	3	Phenothrin; D-trans Allethrin	3	YES	NO
432-1256	MAXFORCE ANT BAIT F1	0.00	0.22	3	Fipronil	3	YES	NO
432-1257	MAXFORCE ROACH BAIT F.05	0.00	0.14	3	Fipronil	3	YES	NO
432-1255	MAXFORCE GRANULAR INSECT BAIT	0.00	0.00	2	Hydramethylnon	3	YES	YES
73049-19	VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES	0.00	1.00	1	Bacillus thuringiensis, subsp. israelensis, strain AM 65-52	3	NO	NO

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 17 summarizes pesticide use by pesticide type. Table 18 lists all pesticide products used by DOE in 2008.

Table 17: Types of Pesticides Used by DOE in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.5	0.3%	2,679.9	56.3%	6,786	25.2%
Insecticide	178.1	98.6%	2,075.9	43.6%	20,071	74.6%
Other	2.0	1.1%	4.9	0.1%	49	0.2%
Totals	180.6		4,760.7		26,906	

Table 18: Pesticide Products Used by DOE in 2008 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	0.05	607.70	2,461	Difethialone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.38	1,376.2 2	2,367	Bromadiolone	3	NO	NO
100-1055	WEATHERBLOK BAIT WITH BITREX	0.02	465.78	1,555	Brodifacoum	3	NO	NO
100-1057	TALON-G RODENTICIDE MINI-PELLETS WITH BITREX	0.00	114.58	204	Brodifacoum	3	NO	NO
12455-95	FASTRAC ALL-WEATHER BLOX	0.00	38.72	95	Bromethalin	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.09	30.22	90	Bromadiolone	3	NO	NO
7173-202	MAKI MINI BLOCKS	0.00	41.25	5	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	4.00	5	Diphacinone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	0.13	2	Bromadiolone	3	NO	NO
12455-69	CONTRAC RODENTICIDE	0.00	1.25	1	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	0.02	1	Bromadiolone	3	NO	NO
Insecticides								
64405-2	REDZONE BAIT	1.73	1,290.4 3	5,299	Boric acid	3	NO	NO
432-1460	MAXFORCE FC ROACH KILLER BAIT GEL F.05	0.24	120.00	3,884	Fipronil	3	YES	NO
67425-14	ECOPCO ACU	116.27	61.19	2,957	Phenylethyl propionate	3	NO	NO
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.25	92.23	2,455	Dinotefuran	3	NO	NO
499-384	WHITMIRE PT 240 PERMA-DUST INSECTICIDE	48.97	3.76	1,657	Boric acid	3	NO	NO
9444-132	MOP UP	0.00	346.21	905	Disodium octaborate tetrahydrate	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	22.84	733	Indoxacarb	3	NO	NO
73766-1	GOURMET ANT BAIT GEL	0.00	27.22	720	Disodium octaborate tetrahydrate	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
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.08	24.20	535	Avermectin	3	NO	NO
432-1262	MAXFORCE IBH10	0.25	64.48	370	Hydramethyln on	3	YES	YES
432-1259	PRODUCT: RBF5	0.08	5.49	195	Fipronil	3	YES	NO
352-668	DUPONT ADVION COCKROACH BAIT ARENA	0.00	1.91	81	Indoxacarb	3	NO	NO
499-497	MOTHEREARTH PROCITRA-DL	2.01	0.19	39	Limonene	3	NO	NO
54452-2	STAPELTON'S MAGNETIC ROACH FOOD M.R.F. 2000 - PAST	0.00	7.33	39	Boric Acid	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.16	39	Avermectin	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	4.68	0.00	36	Cyfluthrin	3	NO	NO
279-3385	DRAX ANT KILL GEL	0.00	0.65	35	Boric acid	3	NO	NO
73079-5	INTICE ROACH BAIT	0.00	1.34	28	Boric Acid	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.00	1.80	13	Bacillus thuringiensis subspecies Israelensis strain BMP 144	3	NO	NO
432-763	SUSPEND SC	1.86	0.00	12	Deltamethrin	3	NO	NO
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.10	0.00	11	Esfenvalerate	3	NO	NO
6218-47	MOSKEETO(TM) BIOLOGICAL MOSQUITO CONTROL BRIQUETS	0.00	1.94	6	Bacillus thuringiensis subspecies Israelensis strain BMP 144	3	NO	NO
432-1251	MAXFORCE ROACH CONTROL SYSTEM	0.00	0.11	5	Hydramethyln on	3	YES	YES
100-1066	DEMAND CS INSECTICIDE	0.59	0.00	4	Cyhalothrin, lambda	3	NO	NO
499-320	WHITMIRE PT 19 DAIRY & FARM INSECT FOGGER AND REPE	0.26	0.00	2	Permethrin; Pyrethrins; Piperonyl Butoxide	3	YES	NO
67425-4	ECOPCO AC CONTACT INSECTICIDE	0.10	0.00	2	Eugenol; Phenylethyl propionate	3	NO	NO
6218-47	ANTI-MOS BRIQUETS	0.00	0.63	2	Bacillus thuringiensis subspecies Israelensis strain BMP 144	3	NO	NO
279-3153	FIRSTLINE TERMITES BAIT STATION	0.00	0.25	2	Sulfluramid	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
279-3386	DRAX ANT KIL-PF	0.00	0.04	2	Boric acid	3	NO	NO
432-1304	TEMPO 10 WP INSECTICIDE	0.63	0.00	1	Cyfluthrin, beta	3	NO	NO
67425-19	ECOPCO JET/X	0.00	1.50	1	Phenylethyl propionate; Piperonyl butoxide	3	YES	NO
499-492	PRESCRIPTION TREATMENT BRAND 388B ADVANCE ANT GEL BAIT	0.00	0.03	1	Borax	3	NO	NO
Other								
2724-484	GENTROL AEROSOL (FOR PROFESSIONAL USE ONLY)	1.95	0.94	48	(7S)-Hydroprene	3	N	NO
58630-1	DR. T'S SNAKE-A-WAY SNAKE REPELLING GRANULES	0.00	4.00	1	Naphthalene; Sulfur	3	N	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 19 summarizes pesticide use by pesticide type. Table 20 lists all pesticide products used by DEP in 2008.

Table 19: Types of Pesticides Used by DEP in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	1,121.5	47.4%	649	38.0%
Insecticide	1,152.0	98.5%	220.4	9.3%	871	51.1%
Herbicide	17.4	1.5%	1,021.9	43.2%	175	10.3%
Other	0.1	0.0%	1.4	0.1%	11	0.6%
Totals	1,169.5		2,365.2		1,706	

Table 20: Pesticide Products Used by DEP in 2008 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	739.88	286	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	321.95	254	Diphacinone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	14.91	40	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
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	25.66	35	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	17.42	29	Bromadiolone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	1.70	5	Cholecalciferol	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.07	0.00	9	(7S)-Hydroprene	3	NO	NO
10551-1	THE GIANT DESTROYER	0.00	1.38	1	Carbon; Sodium nitrate; Sulfur	3	NO	NO
2724-469	ZOECON (S)- HYDROPRENE ROACH CONTROL STATION II	0.00	0.03	1	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	2.77	0.00	422	Esfenvalerate	3	NO	NO
1021-1718	ETOC FOGGING CONCENTRATE 2764	1,149.13	0.00	175	Prallethrin	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	62.47	96	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	101.50	63	Phenylethyl propionate	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.00	23.01	52	Bacillus thuringiensis subspecies Israelensis strain BMP 144	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	1.01	22	Avermectin	3	NO	NO
64405-2	REDZONE BAIT	0.00	12.69	19	Boric acid	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.00	15.40	11	Bacillus sphaericus	3	NO	NO
1021-1775	MGK WASP & HORNET KILLER AEROSOL	0.00	1.88	3	Phenothrin; Tetramethrin	3	YES	NO
67425-19	ECOPCO JET/X	0.00	1.75	2	Phenylethyl propionate; Piperonyl butoxide	3	YES	NO
9444-150	AEROSOL BORIC ACID	0.13	0.00	1	Boric acid	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	0.01	0.00	1	Cyfluthrin	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
432-1304	TEMPO 10 WP INSECTICIDE	0.00	0.31	1	Cyfluthrin, beta	3	NO	NO
73079-1	INTICE SWEET ANT GEL	0.00	0.19	1	Boric acid	3	NO	NO
499-467	WHITMIRE AVERT TC-181	0.00	0.09	1	Avermectin	3	NO	NO
432-1259	PRODUCT: RBF5	0.00	0.07	1	Fipronil	3	YES	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	14.01	782.44	107	Glyphosate, isopropylamine salt	3	NO	NO
241-273	ARSENAL HERBICIDE	2.25	235.13	59	Imazapyr, isopropylamine salt	3	NO	NO
524-343	ROUNDUP CUSTOM HERBICIDE	0.61	0.00	7	Glyphosate, isopropylamine salt	3	NO	NO
961-395	CONFRONT III + FERTILIZER	0.54	4.33	2	Triclopyr, triethylamine salt; Fluroxypyr 1-methylheptyl ester; 2,4-D, dimethylamine salt	3	NO	NO

Finance

The Department of Finance (DOF) collects City revenues, ensures compliance with City tax and other revenue laws, evaluates all real property in the City, provides a forum for the public to dispute tax and parking violation liability, and maintains property records. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 21 summarizes pesticide use by pesticide type. Table 22 lists all pesticide products used by DOF in 2008.

Table 21: Types of Pesticides Used by DOF in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	26.9	76.5%	27	29.3%
Insecticide	0.3	100.0%	8.3	23.5%	65	70.7%
Totals	0.3		35.1		92	

Table 22: Pesticide Products Used by DOF in 2008 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	23.06	21	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	0.75	2	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	1.25	1	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
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	1.25	1	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	0.33	1	Bromadiolone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	0.22	1	Cholecalciferol	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.29	0.00	39	Esfenvalerate	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	5.56	15	Avermectin	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.05	6	Avermectin	3	NO	NO
64405-2	REDZONE BAIT	0.00	0.97	3	Boric acid	3	NO	NO
67425-14	ECOPCO ACU	0.00	1.69	2	Phenylethyl propionate	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 23 summarizes pesticide use by pesticide type. Table 24 lists all pesticide products used by FDNY in 2008.

Table 23: Types of Pesticides Used by FDNY in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	1,675.0	86.9%	2,668	46.1%
Insecticide	18.9	98.7%	252.1	13.1%	3,092	53.4%
Other	0.3	1.3%	0.0	0.0%	25	0.4%
Totals	19.1		1,927.1		5,785	

Table 24: Pesticide Products Used by FDNY in 2008 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	788.83	1,072	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	577.83	719	Diphacinone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	96.02	383	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
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	163.22	314	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	44.60	159	Bromadiolone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	4.14	20	Cholecalciferol	3	NO	NO
100-1057	TALON-G RODENTICIDE MINI-PELLETS WITH BITREX	0.00	0.38	1	Brodifacoum	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.25	0.00	25	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	17.99	0.62	2,551	Esfenvalerate	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	35.95	192	Avermectin	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	2.51	149	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	200.26	137	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	11.15	46	Boric acid	3	NO	NO
397-13	STERI-FAB	0.85	0.00	5	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	NO	NO
73079-1	INTICE SWEET ANT GEL	0.00	1.44	5	Boric acid	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.00	0.01	3	Bacillus thuringiensis subspecies Israelensis strain BMP 144	3	NO	NO
432-1264	MAXFORCE ABF4	0.00	0.04	2	Fipronil	3	YES	NO
499-362	WHITMIRE PT 515 WASP FREEZE	0.02	0.00	1	Phenothrin; D-trans Allethrin	3	YES	NO
2724-274	GOLDEN MALRIN RF-128 FLY KILLER	0.00	0.13	1	Methomyl; (Z)-9- Tricosene	3	NO	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 25 summarizes pesticide use by pesticide type. Table 26 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 2008.

Table 25: Types of Pesticides Used by HHC in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	687.6	41.0%	751	11.2%
Insecticide	2,972.6	99.5%	980.9	58.5%	5,879	87.9%
Herbicide	15.0	0.5%	0.0	0.0%	1	0.0%
Other	0.0	0.0%	7.9	0.5%	61	0.9%
Totals	2,987.6		1,676.3		6,692	

Table 26: Ten Most Frequently Applied Pesticide Products by HHC in 2008 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	584.50	560	Bromadiolone	3	NO	NO
7173-188	MAKI RAT AND MOUSE BAIT PACKS (PELLETS)	0.00	15.94	37	Bromadiolone	3	NO	NO
12455-16	ZP TRACKING POWDER	0.00	8.19	37	Zinc phosphide	2	NO	NO
7173-218	GENERATION MINI BLOCKS	0.00	23.57	28	Difethialone	3	NO	NO
12455-89	FINAL ALL-WEATHER BLOX	0.00	15.38	28	Brodifacoum	3	NO	NO
12455-69	CONTRAC RODENTICIDE	0.00	11.78	27	Bromadiolone	3	NO	NO
7173-202	MAKI MINI BLOCKS	0.00	13.81	10	Bromadiolone	3	NO	NO
7173-172	ROZOL BLUE TRACKING POWDER	0.00	4.75	8	Chlorophacinone	2	NO	NO
7173-113	ROZOL TRACKING POWDER	0.00	3.25	6	Chlorophacinone	2	NO	NO
7173-236	DIFETHIALONE MINI BLOCKS	0.00	3.53	4	Difethialone	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.00	3.56	53	(7S)-Hydroprene	3	NO	NO
2724-469	ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II	0.00	4.32	8	(7S)-Hydroprene	3	NO	NO
Insecticides								
9444-129	ROACH KIL COMMERCIAL	0.00	545.66	1,910	Boric acid	3	NO	NO
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.00	67.28	1,142	Hydramethylnon	3	YES	YES
432-763	SUSPEND SC INSECTICIDE	2,204.58	0.00	443	Deltamethrin	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	18.88	273	Indoxacarb	3	NO	NO
1677-195	ECO2000-RX FRESHBAIT	0.00	14.37	209	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
432-1363	TEMPO SC INSECTICIDE	220.96	0.00	205	Cyfluthrin, beta	3	NO	NO
1021-1815	EVERCIDE ESFENVALERATE 6.4% CS	0.00	35.74	178	Esfenvalerate	3	NO	NO
100-1066	DEMAND CS INSECTICIDE	415.67	0.00	164	Cyhalothrin, lambda	3	NO	NO
67425-14	ECOPCO ACU	0.00	42.35	155	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	35.23	137	Boric acid	3	NO	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	14.01	782.44	107	Glyphosate, isopropylamine salt	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. Though Local Law 37 requires the reporting of pesticide use on only public property, applications on private property done by PCS are included in Tables 27 and 28. VSC is charged with mosquito management. Table 27 summarizes pesticide use by pesticide type. Table 28 lists all pesticide products used by DOHMH in 2008.

Table 27: Types of Pesticides Used by DOHMH in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	8,732.9	8.4%	49,136	91.4%
Insecticide	0.0	0.0%	94,790.9	91.6%	4,605	8.6%
Totals	0.0		103,523.7		53,741	

Table 28: Pesticide Products Used by DOHMH in 2008 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	2,915.15	27,118	Brodifacoum	3	NO	NO
100-1050	TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BI	0.00	4,345.91	19,440	Brodifacoum	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	1,278.57	2,274	Bromadiolone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	93.34	136	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	81.69	117	Diphacinone	3	NO	NO
7173-113	ROZOL TRACKING POWDER	0.00	12.52	30	Chlorophacinone	2	NO	NO
7173-188	MAKI RAT AND MOUSE BAIT PACKS (PELLETS)	0.00	0.35	8	Bromadiolone	3	NO	NO
100-1057	TALON-G RODENTICIDE MINI-PELLETS WITH BITREX	0.00	2.16	6	Brodifacoum	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	3.00	5	Bromadiolone	3	NO	NO
56-42	EATON'S BAIT BLOCKS RODENTICIDE WITH MOLASSES/PEAN	0.00	0.17	1	Diphacinone	3	NO	NO
12455-56	DITRAC TRACKING POWDER	0.00	0.00	1	Diphacinone	2	NO	NO
Insecticides								
73049-19	VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES	0.00	38,316.28	2,957	Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.00	55,220.86	1,570	Bacillus sphaericus	3	NO	NO
1021-1688	MULTICIDE MOSQUITO ADULTICIDING CONCENTRATE 2705	0.00	1,193.45	65	Phenothrin; Piperonyl butoxide	3	YES	NO
73049-429	V60035 CG	0.00	0.26	12	Bacillus sphaericus; Bacillus thuringiensis subspecies Israelensis, strain IPS-78	3	NO	NO
62637-3	BMP (144 200 G)	0.00	60.00	1	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 29 summarizes pesticide use by pesticide type. Table 30 lists all pesticide products used by DHS in 2008.

Table 29: Types of Pesticides Used by DHS in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	581.3	96.6%	337	39.0%
Insecticide	106.6	99.9%	20.4	3.4%	518	60.0%
Other	0.1	0.1%	0.0	0.0%	8	0.9%
Totals	106.6		601.7		863	

Table 30: Pesticide Products Used by DHS in 2008 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	489.63	269	Diphacinone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	37.63	29	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	38.06	16	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	8.88	14	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	6.72	8	Bromadiolone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	0.40	1	Cholecalciferol	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.07	0.00	8	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	42.58	0.00	339	Esfenvalerate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	4.59	95	Avermectin	3	NO	NO
64405-2	REDZONE BAIT	0.00	9.60	67	Boric acid	3	NO	NO
67425-14	ECOPCO ACU	0.00	5.89	9	Phenylethyl propionate	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	0.28	6	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
397-13	STERI-FAB	64.00	0.00	2	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	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 made great strides in 2008 in completing its electronic reporting system and down loaded its data into our NYCPURS system. Table 31 summarizes pesticide use by pesticide type. Table 32 lists the products used by NYCHA in 2008.

Table 31: Types of Pesticides Used by NYCHA in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	64.0	4.8%	18,438.2	76.3%	9,107	28.1%
Insecticide	1,258.6	94.8%	5,484.6	22.7%	23,263	71.7%
Herbicide	5.3	0.4%	250.0	1.0%	65	0.2%
Totals	1,327.9		24,172.9		32,435	

Table 32: Ten Most Frequently Applied Pesticide Products by NYCHA in 2008 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								
12455-86	CONTRAC RODENTICIDE PLACE PAC	55.39	4,366.80	4,969	Bromadiolone	3	NO	NO
7173-208	MAKI RODENTICIDE BAIT PACKS (PELLETS)	5.47	725.99	1,325	Bromadiolone	3	NO	NO
12455-56	DITRAC TRACKING POWDER	1.09	9,333.98	1,289	Diphacinone	2	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	2.09	2,779.11	1,161	Bromadiolone	3	NO	NO
12455-5	DITRAC ALL-WEATHER CAKE	0.00	957.53	179	Diphacinone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	12.90	86	Cholecalciferol	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	26.81	35	Bromadiolone	3	NO	NO
56-42	EATON'S BAIT BLOCKS RODENTICIDE WITH MOLASSES/PEAN	0.00	216.66	24	Diphacinone	3	NO	NO
12455-89	FINAL ALL-WEATHER BLOX	0.00	11.50	19	Brodifacoum	3	NO	NO
12455-100	FASTRAC MOUSE SEED PLACE PAC	0.00	2.47	13	Bromethalin	3	NO	NO
100-1050	TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BI	0.00	3.87	5	Brodifacoum	3	NO	NO
12455-16	ZP TRACKING POWDER	0.00	0.63	2	Zinc phosphide	2	NO	NO
Insecticides								
432-763	SUSPEND SC INSECTICIDE	781.50	139.48	12,333	Deltamethrin	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	39.48	1.90	3,451	Cyfluthrin	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.00	250.88	2,899	Bacillus sphaericus	3	NO	NO
397-13	STERI-FAB	420.23	977.54	1,731	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	NO	NO
432-1259	PRODUCT: RBF5	7.71	977.78	1,672	Fipronil	3	YES	NO
432-1257	MAXFORCE ROACH BAIT F.05	0.85	3,111.97	669	Fipronil	3	YES	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	8.90	147	Indoxacarb	3	NO	NO
499-306	WHITMIRE TALSTAR PT 1800 TOTAL RELEASE INSECTICIDE	0.21	4.38	84	Bifenthrin	3	YES	NO
352-668	DUPONT ADVION COCKROACH BAIT ARENA	0.00	5.08	73	Indoxacarb	3	NO	NO
9444-217	CB INSECTICIDE WITH DELTAMETHRIN	6.79	0.07	72	Deltamethrin	3	NO	NO
1021-1815	EVERCIDE ESFENVALERATE 6.4% CS	0.44	0.13	49	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
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.00	1.39	27	Hydramethylnon	3	YES	YES
64405-2	REDZONE BAIT	0.00	3.91	23	Boric acid	3	NO	NO
432-1460	MAXFORCE FC ROACH KILLER BAIT GEL F.05	0.00	0.88	18	Fipronil	3	YES	NO
67425-14	ECOPCO ACU	1.20	0.04	10	Phenylethyl propionate	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.16	0.02	4	Bacillus thuringiensis subspecies israelensis strain BMP 144	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	0.26	1	Avermectin	3	NO	NO
Herbicides								
524-517	ACCORD XL HERBICIDE	4.80	0.00	27	Glyphosate, isopropylamine salt	3	NO	NO
62719-322	NAF-545	0.38	0.00	27	Glyphosate, isopropylamine salt	3	NO	NO
2217-543	TRIMEC HERBICIDE	0.08	0.00	6	2,4-D, dimethylamine salt; MCP-P, dimethylamine salt; Dicamba, dimethylamine salt	1	NO	NO
9198-129	TWIN LIGHT PROFESSIONAL TRIFLURALIN 5% GRANULAR	0.00	250.00	5	Trifluralin	3	YES	NO

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 33 summarizes pesticide use by pesticide type. Table 34 lists all pesticide products used by HPD in 2008.

Table 33: Types of Pesticides Used by HPD in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	8.3	49.5%	24	40.7%
Insecticide	0.1	100.0%	8.5	50.5%	35	59.3%

Totals	0.1	16.8	59
---------------	------------	-------------	-----------

Table 34: Pesticide Products Used by HPD in 2008

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
Rodenticides								
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	2.31	11	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	2.75	5	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	0.75	4	Diphacinone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	1.69	3	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	0.83	1	Bromadiolone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.12	0.00	31	Esfenvalerate	3	NO	NO
67425-14	ECOPCO ACU	0.00	8.50	2	Phenylethyl propionate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.01	2	Avermectin	3	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 35 summarizes pesticide use by pesticide type. Table 36 lists all pesticide products used by DJJ in 2008.

Table 35: Types of Pesticides Used by DJJ in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	26.3	84.9%	54	27.8%
Insecticide	9.1	100.0%	4.7	15.1%	140	72.2%
Totals	9.1		30.9		194	

Table 36: Pesticide Products Used by DJJ in 2008 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								

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	5.75	33	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	6.44	9	Diphacinone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	12.75	8	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	0.41	3	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	0.94	1	Bromadiolone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.33	0.00	51	Esfenvalerate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.18	33	Avermectin	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	6.00	0.00	15	Cyfluthrin	3	NO	NO
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.00	1.09	15	Dinotefuran	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	0.48	9	Indoxacarb	3	NO	NO
432-1304	TEMPO 10 WP INSECTICIDE	2.38	0.09	7	Cyfluthrin, beta	3	NO	NO
67425-14	ECOPCO ACU	0.35	1.10	6	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	1.63	3	Boric acid	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	0.10	1	Avermectin	3	NO	NO

New York Public Libraries

The New York Public Library (NYPL), through its 85 branches libraries services residents in the boroughs of Manhattan, the Bronx and Staten Island. Pest management is

provided by private contractors. Table 37 summarizes pesticide use by pesticide type. Table 38 lists all pesticide products used by NYPL in 2008.

Table 37: Types of Pesticides Used by NYPL in 2008

Pesticide Type	Volume (Gallons)	Weight (Pounds)	Times Applied
Insecticide	0.0	4.35	351

Table 38: Pesticide Products Used by NYPL in 2008

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
Insecticides								
432-1259	PRODUCT: RBF5	0.00	4.35	351	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 39 summarizes pesticide use by pesticide type. Table 40 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 39: Types of Pesticides Used by DPR in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	11.5	0.5%	1,871.0	6.5%	3,531	16.8%
Insecticide	255.5	10.6%	4,506.4	15.7%	14,137	67.2%
Herbicide	1,367.3	56.7%	8,646.0	30.0%	2,615	12.4%
Fungicide	724.7	30.1%	13,735.4	47.7%	485	2.3%
Other	51.9	2.2%	15.1	0.1%	273	1.3%
Totals	2,410.8		28,773.9		21,041	

Table 40: Ten Most Frequently Applied Pesticide Products by DPR in 2008 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	786.85	1,529	Difethialone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	186.44	391	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
12455-79	CONTRAC ALL-WEATHER BLOX	0.22	197.97	386	Bromadiolone	3	NO	NO
7173-202	MAKI MINI BLOCKS	1.91	163.19	268	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	107.11	252	Bromadiolone	3	NO	NO
100-1050	TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BI	0.00	101.09	179	Brodifacoum	3	NO	NO
12455-97	FASTRAC PLACE PACS	7.29	74.39	153	Bromethalin	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	91.28	103	Diphacinone	3	NO	NO
56-70	J.T. EATON AC FORMULA 90 READY-TO-USE RODENTICIDE	0.00	43.69	66	Chlorophacinone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	37.67	45	Bromadiolone	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	2.39	0.00	179	(7S)-Hydroprene	3	NO	NO
2724-476	ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E)	0.24	0.00	14	(S)-Kinoprene	2	NO	NO
69117-7	PINCHER PGR	0.02	0.00	13	Dikegulac sodium	3	NO	NO
1001-73	ECOLOGIX COCKROACH BAIT	0.00	5.18	11	Oxypurinol; Xanthine	3	NO	NO
60061-14	WOOLSEY/Z*SPAR SUPER TOX ANTI-FOULING FINISH B-74	11.00	0.00	10	Copper oxide (ous)	2	NO	NO
60061-63	PETTIT MARINE PAINT UNEPOXY STANDARD ANTIFOULING B	8.00	0.00	8	Copper oxide (ous)	2	NO	NO
59639-96	DISTANCE INSECT GROWTH REGULATOR	0.08	0.00	7	Pyriproxyfen	3	NO	NO
100-1014	PACLOBUTRAZOL 2SC	0.00	5.00	6	Paclobutrazol	3	NO	NO
100-930	LAWN PRIMO G	0.00	0.16	6	Trinexapac-ethyl	3	NO	NO
71096-7	OR-CAL SLUG & SNAIL BAIT	0.00	0.55	4	Metalddehyde	3	NO	NO
Insecticides								
432-1318	MERIT 75 WSP	0.04	1,519.71	11,810	Imidacloprid	3	NO	NO
432-763	SUSPEND SC INSECTICIDE	57.07	0.00	561	Deltamethrin	3	NO	NO
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	2.10	0.00	364	Esfenvalerate	3	NO	NO
432-1447	MERIT TREE INJECTION	1.60	0.00	187	Imidacloprid	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
67425-14	ECOPCO ACU	22.54	88.53	175	Phenylethyl propionate	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	8.38	112	Indoxacarb	3	NO	NO
7946-25	IMICIDE HP	2.02	0.00	83	Imidacloprid	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.00	945.00	69	Bacillus sphaericus	3	NO	NO
64405-2	REDZONE BAIT	0.00	10.05	65	Boric acid	3	NO	NO
432-772	DELTA DUST	0.00	2.85	62	Deltamethrin	3	NO	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	524.35	371.97	1,203	Glyphosate, isopropylamine salt	3	NO	NO
241-341	PENDULUM 3.3 EC HERBICIDE	230.32	679.06	334	Pendimethalin	3	YES	NO
62719-542	DIMENSION 2EW	30.43	0.00	265	Dithiopyr	2	NO	NO
62719-556	ACCORD XRT II	56.58	0.00	138	Glyphosate, dimethylammonium salt	3	NO	NO
62719-517	ACCORD XRT	54.92	0.00	93	Glyphosate, isopropylamine salt	3	NO	NO
241-360	PRE-M 3.3 EC TURF HERBICIDE	69.47	0.19	88	Pendimethalin	3	YES	NO
62719-527	GARLON 4 ULTRA	48.84	0.00	88	Triclopyr	2	NO	NO
62719-40	GARLON 4	31.36	0.98	76	Triclopyr, butoxyethyl ester	3	NO	NO
100-937	PRIMO MAXX	13.04	31.96	49	Trinexapac-ethyl	3	NO	NO
71995-25	ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE	13.65	0.00	39	Glyphosate, isopropylamine salt	3	NO	NO
Fungicides								
100-1093	HERITAGE FUNGICIDE	0.00	85.73	50	Azoxystrobin	3	NO	NO
50534-202	DACONIL SDG	57.50	867.18	34	Chlorothalonil	1	YES	NO
432-942	BANOL TURF AND ORNAMENTAL FUNGICIDE	59.75	26.13	27	Propamocarb hydrochloride	3	NO	NO
432-890	ALIETTE WDG BRAND FUNGICIDE	0.00	1,201.50	27	Fosetyl-Al	3	NO	NO
100-796	SUBDUE MAXX	38.21	12.44	21	Mefenoxam	3	NO	NO
432-1360	BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER	0.00	237.02	19	Triadimefon	3	YES	YES
60063-3	ECHO 825	0.00	710.00	18	Chlorothalonil	1	YES	NO
9198-115	THE ANDERSONS TURF FUNGICIDE WITH 5.0% DACONIL	0.00	4,855.00	16	Chlorothalonil	1	YES	NO
66222-154	EQUUS 720 SST	133.00	0.00	15	Chlorothalonil	2	YES	NO
432-888	CHIPCO 26019 FLO BRAND FUNGICIDE	46.50	0.00	15	Iprodione	3	YES	NO

Payroll Administration

The Office of Payroll Administration (OPA) is charged with administering the City's payroll and ensuring prompt and accurate payment of employees' wages and salaries. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 41 summarizes pesticide use by pesticide type. Table 42 lists all pesticide products used by OPA in 2008.

Table 41: Types of Pesticides Used by OPA in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	1.5	99.6%	3	21.4%
Insecticide	0.0	100.0%	0.0	0.4%	11	78.6%
Totals	0.0		1.5		14	

Table 42: Pesticide Products Used by OPA in 2008

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	1.50	3	Bromadiolone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.03	0.00	8	Esfenvalerate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.01	3	Avermectin	3	NO	NO

Police Department

The Police Department (NYPD) manages 76 precincts, 12 Transit Districts, and nine Housing Police Service Areas. The major pest issues facing its facilities are structural pests. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 43 summarizes pesticide use by pesticide type. Table 44 lists all pesticide products used by NYPD in 2008.

Table 43: Types of Pesticides Used by NYPD in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	1,675.0	86.9%	2,668	46.1%
Insecticide	18.9	98.7%	252.1	13.1%	3,092	53.4%
Other	0.3	1.3%	0.0	0.0%	25	0.4%
Totals	19.1		1,927.1		5,785	

Table 44: Pesticide Products Used by NYPD in 2008 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	172.97	194	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	110.81	140	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	121.20	137	Diphacinone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	48.60	108	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	33.31	76	Bromadiolone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	0.82	2	Cholecalciferol	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.83	0.00	100	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	11.49	0.00	752	Esfenvalerate	3	NO	NO
397-13	STERI-FAB	256.78	0.00	40	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	2.24	40	Avermectin	3	NO	NO
67425-14	ECOPCO ACU	0.00	66.39	33	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	8.61	31	Boric acid	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	8.72	30	Avermectin	3	NO	NO
499-384	WHITMIRE PT 240 PERMA-DUST INSECTICIDE	0.00	0.03	1	Boric acid	3	NO	NO
432-1264	MAXFORCE ABF4	0.00	0.02	1	Fipronil	3	YES	NO

Probation

The New York City Department of Probation is charged with protecting the community by intervening in the lives of offenders, holding them accountable and serving as a catalyst for positive change. In collaboration with the community and other justice partners they provide information and services to the courts, give victims a voice in the justice system, and help strengthen families. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 45 summarizes pesticide use by pesticide type. Table 46 lists all pesticide products used by DOP in 2008.

Table 45: Types of Pesticides Used by DOP in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	27.8	94.7%	51	33.1%
Insecticide	0.5	100.0%	1.6	5.3%	103	66.9%
Totals	0.5		29.3		154	

Table 46: Pesticide Products Used by DOP in 2008

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
Rodenticides								
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	3.38	14	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	8.13	12	Diphacinone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	7.63	12	Bromadiolone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	7.31	9	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	1.32	4	Bromadiolone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.55	0.00	92	Esfenvalerate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.04	8	Avermectin	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	1.32	2	Avermectin	3	NO	NO
64405-2	REDZONE BAIT	0.00	0.19	1	Boric acid	3	NO	NO

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 47 summarizes pesticide use by pesticide type. Table 48 lists all pesticide products used by QPL in 2008.

Table 47: Types of Pesticides Used by QPL in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.00	0.0%	6.0	100.0%	2	20.0%
Insecticide	0.01	100.0%	0.0	0.0%	8	80.0%
Totals	0.01		6.0		10	

Table 48: Pesticide Products Used by QPL in 2008

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	6.00	2	Bromadiolone	3	NO	NO
Insecticides								
432-763	SUSPEND SC INSECTICIDE	0.01	0.00	8	Deltamethrin	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. DSNY began entering data from staff into our NYC PURS system in 2008. Table 49 summarizes pesticide use by pesticide type. Table 50 lists the products used by DSNY.

Table 49: Types of Pesticides Used by DSNY in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	350.6	92.3%	327	35.1%
Insecticide	18.3	10.2%	29.2	7.7%	430	46.2%
Herbicide	160.4	89.7%	0.0	0.0%	174	18.7%
Totals	178.8		379.8		931	

Table 50: List of Pesticides Applied by DSNY in 2008

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
Rodenticides								
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.02	246.84	202	Bromadiolone	3	NO	NO
12455-89	FINAL ALL- WEATHER BLOX	0.02	103.73	125	Brodifacoum	3	NO	NO
Insecticides								
432-1363	TEMPO SC INSECTICIDE	0.62	16.39	134	Cyfluthrin, beta	3	NO	NO
100-1066	DEMAND CS INSECTICIDE	0.84	3.00	101	Cyhalothrin, lambda	3	NO	NO
432-1251	MAXFORCE ROACH CONTROL SYSTEM	0.00	3.37	73	Hydramethylnon	3	YES	YES
432-1252	MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER BA	0.00	0.58	28	Hydramethylnon	3	YES	YES
73766-1	GOURMET ANT BAIT GEL	0.00	0.98	27	Disodium octaborate tetrahydrate	3	NO	NO
432-763	SUSPEND SC INSECTICIDE	0.17	0.38	26	Deltamethrin	3	NO	NO
432-1259	PRODUCT: RBF5	15.00	1.17	24	Fipronil	3	YES	NO
9444-168	COUNTRY VET ROACH EMBARGO WITH GROWTH INHIBITOR	0.35	1.75	8	Fenvalerate; Prallethrin; Pyriproxyfen	3	NO	NO
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.00	0.10	3	Hydramethylnon	3	YES	YES
9444-169	CB-38-1 FOR INSECT CONTROL	1.33	0.00	2	Pyrethrins; Piperonyl butoxide	3	YES	NO
499-370	PT 370 ASCEND FIRE ANT STOPPER BAIT	0.00	0.69	2	Avermectin	3	NO	NO
2724-274	GOLDEN MALRIN RF-128 FLY KILLER	0.00	0.50	1	Methomyl; (Z)-9- Tricosene	3	NO	NO
499-465	PRO-CONTROL FOGGER II	0.00	0.31	1	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
Herbicides								
71368-20	NUFARM CREDIT HERBICIDE	160.43	0.00	174	Glyphosate, isopropylamine salt	3	NO	NO

Taxi and Limousine Commission

The Taxi and Limousine Commission (TLC) licenses and regulates over 50,000 vehicles and approximately 100,000 drivers, performs safety and emissions inspections of the more than 13,000 medallion taxicabs three times each year, and holds numerous hearings for violations of City and TLC rules and regulations, making it the most active taxi and limousine licensing regulatory agency in the United States. The agency contracts for pest control through the city-wide contract administered by DCAS. Table 51 summarizes pesticide use by pesticide type. Table 52 lists all pesticide products used by TLC in 2008.

Table 51: Types of Pesticides Used by TLC in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	0.8	100.0%	2	7.7%
Insecticide	0.1	100.0%	0.0	0.0%	24	92.3%
Totals	0.1		0.8		26	

Table 52: Pesticide Products Used by TLC in 2008

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	0.75	2	Diphacinone	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	0.07	0.00	24	Esfenvalerate	3	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 53 summarizes pesticide use by pesticide type. Table 54 lists all pesticide products used by DOT in 2008.

Table 53: Types of Pesticides Used by DOT in 2008

Pesticide Type	Volume		Weight		Times Applied	
	Gallons	% of Total	Pounds	% of Total	Number	% of Total
Rodenticide	0.0	0.0%	255.9	89.3%	358	16.1%
Insecticide	25.2	7.9%	30.5	10.7%	785	35.4%
Herbicide	293.5	92.1%	0.0	0.0%	1,077.0	48.5%
Other	0.0	0.0%	0.3	0.1%	2	0.1%
Totals	318.7		286.5		2,220	

Table 54: Pesticide Products Used by DOT in 2008

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	154.39	191	Diphacinone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.00	55.92	74	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	13.56	41	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	17.52	34	Bromadiolone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	14.50	17	Bromadiolone	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	0.04	1	Cholecalciferol	3	NO	NO
Other								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.00	0.25	2	(7S)-Hydroprene	3	NO	NO
Insecticides								
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	21.12	0.00	745	Esfenvalerate	3	NO	NO
1021-1718	ETOC FOGGING CONCENTRATE 2764	4.13	0.00	9	Prallethrin	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	1.76	8	Avermectin	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.84	8	Avermectin	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.00	0.16	8	Bacillus sphaericus	3	NO	NO
67425-14	ECOPCO ACU	0.00	27.34	4	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	0.44	3	Boric acid	3	NO	NO
Herbicides								
228-397	RIVERDALE VANQUISH HERBICIDE	92.10	0.00	382	Dicamba, diglycolamine salt	3	NO	NO
62719-556	ACCORD XRT II	113.77	0.00	200	Glyphosate, dimethylammonium salt	3	NO	NO
62719-176	PATHFINDER II	56.05	0.00	169	Triclopyr, butoxyethyl ester	3	NO	NO
352-622	DUPONT OUST EXTRA HERBICIDE	2.28	0.00	141	Sulfometuron methyl; Metsulfuron-methyl	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
66222-169	VEGETATION MANAGEMENT SFM 75	1.27	0.00	113	Sulfometuron methyl	3	NO	NO
62719-322	NAF-545	26.06	0.00	60	Glyphosate, isopropylamine salt	3	NO	NO
62719-527	GARLON 4 ULTRA	1.06	0.00	9	Triclopyr	2	NO	NO
228-365	AQUANEAT AQUATIC HERBICIDE	0.88	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 Carcin	CA Dev. Toxin
Rodenticides								
100-1055	WEATHERBLOK BAIT WITH BITREX	0.02	3,398.61	28,698	Brodifacoum	3	NO	NO
100-1050	TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BI	0.00	4,450.87	19,624	Brodifacoum	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	2.69	7,529.23	7,032	Bromadiolone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	55.39	4,592.63	5,507	Bromadiolone	3	NO	NO
7173-218	GENERATION MINI BLOCKS	0.05	1,498.59	4,138	Difethialone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	1,787.90	3,372	Bromadiolone	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	2,116.50	2,070	Diphacinone	3	NO	NO
7173-208	MAKI RODENTICIDE BAIT PACKS (PELLETS)	5.47	725.99	1,325	Bromadiolone	3	NO	NO
12455-56	DITRAC TRACKING POWDER	1.09	9,339.92	1,323	Diphacinone	2	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.10	784.82	1,191	Bromadiolone	3	NO	NO
7173-202	MAKI MINI BLOCKS	1.91	244.27	349	Bromadiolone	3	NO	NO
100-1057	TALON-G RODENTICIDE MINI-PELLETS WITH BITREX	0.00	135.17	237	Brodifacoum	3	NO	NO
12455-89	FINAL ALL-WEATHER BLOX	0.02	145.88	192	Brodifacoum	3	NO	NO
12455-5	DITRAC ALL-WEATHER CAKE	0.00	957.53	179	Diphacinone	3	NO	NO
12455-97	FASTRAC PLACE PACS	7.29	74.39	153	Bromethalin	3	NO	NO
12455-95	FASTRAC ALL-WEATHER BLOX	0.52	53.50	129	Bromethalin	3	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	20.25	117	Cholecalciferol	3	NO	NO
7173-188	MAKI RAT AND MOUSE BAIT PACKS (PELLETS)	0.00	49.31	68	Bromadiolone	3	NO	NO
56-70	J.T. EATON AC FORMULA 90 READY-TO-USE RODENTICIDE	0.00	43.69	66	Chlorophacinone	3	NO	NO
7173-113	ROZOL TRACKING POWDER	0.00	17.94	45	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
12455-16	ZP TRACKING POWDER	0.00	8.81	39	Zinc phosphide	2	NO	NO
12455-69	CONTRAC RODENTICIDE	0.00	15.28	29	Bromadiolone	3	NO	NO
56-42	EATON'S BAIT BLOCKS RODENTICIDE WITH MOLASSES/PEAN	0.00	216.83	25	Diphacinone	3	NO	NO
12455-61	LIQUA-TOX II	1.26	0.00	16	Diphacinone, sodium salt	3	NO	NO
12455-100	FASTRAC MOUSE SEED PLACE PAC	0.00	2.47	13	Bromethalin	3	NO	NO
7173-172	ROZOL BLUE TRACKING POWDER	0.00	9.94	10	Chlorophacinone	2	NO	NO
7173-211	GENERATION RODENTICIDE BAIT PACKS (PELLETS)	0.00	7.22	6	Difethialone	3	NO	NO
12455-91	FINAL RODENTICIDE READY-TO-USE PLACE PAC	0.14	3.23	5	Brodifacoum	3	NO	NO
100-1051	TALON-G RODENTICIDE BAIT PACK PELLETS WITH BITREX	0.12	6.55	5	Brodifacoum	3	NO	NO
12455-82	CONTRAC SUPER-SIZE BLOX	0.00	21.00	4	Bromadiolone	3	NO	NO
7173-236	DIFETHIALONE MINI BLOCKS	0.00	3.53	4	Difethialone	3	NO	NO
7173-190	ROZOL PARAFFIN BLOCKS	0.00	1.50	3	Chlorophacinone	3	NO	NO
56-58	EATON'S AC FORMULA 90 RODENTICIDE	0.00	1.88	2	Chlorophacinone	3	NO	NO
12455-78	DITRAC RAT AND MOUSE BAIT PLACE PAC	0.00	1.31	2	Diphacinone	3	NO	NO
12455-29	DITRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	0.19	1	Diphacinone	3	NO	NO
Insecticides								
432-763	SUSPEND SC INSECTICIDE	3,058.86	139.86	13,543	Deltamethrin	3	NO	NO
432-1318	MERIT 75 WSP	0.04	1,519.71	11,810	Imidacloprid	3	NO	NO
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	106.63	0.62	6,490	Esfenvalerate	3	NO	NO
64405-2	REDZONE BAIT	1.73	1,461.99	5,796	Boric acid	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.16	56,432.65	4,573	Bacillus sphaericus	3	NO	NO
432-1460	MAXFORCE FC ROACH KILLER BAIT GEL F.05	0.24	120.94	3,903	Fipronil	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
67425-14	ECOPCO ACU	140.36	664.94	3,589	Phenylethyl propionate	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	50.50	25.35	3,589	Cyfluthrin	3	NO	NO
73049-19	VECTOBAC CG BIOLOGICAL LARVICIDE GRANULES	0.00	38,317.28	2,958	Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52	3	NO	NO
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.25	96.51	2,590	Dinotefuran	3	NO	NO
432-1259	PRODUCT: RBF5	22.78	1,014.17	2,446	Fipronil	3	YES	NO
9444-129	ROACH KIL COMMERCIAL	0.00	545.66	1,910	Boric acid	NULL	NO	NO
397-13	STERI-FAB	770.85	977.54	1,782	Phenothrin; Isopropyl alcohol; Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride; Didecyl dimethyl ammonium chloride	2	NO	NO
499-384	WHITMIRE PT 240 PERMA-DUST INSECTICIDE	48.97	4.10	1,660	Boric acid	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	62.95	1,305	Indoxacarb	3	NO	NO
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.29	70.97	1,237	Hydramethylnon	3	YES	YES
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.08	170.35	1,039	Avermectin	3	NO	NO
9444-132	MOP UP	0.00	346.21	905	Disodium octaborate tetrahydrate	3	NO	NO
432-1257	MAXFORCE ROACH BAIT F.05	0.85	3,114.35	751	Fipronil	3	YES	NO
73766-1	GOURMET ANT BAIT GEL	0.00	28.32	751	Disodium octaborate tetrahydrate	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	23.83	618	Avermectin	3	NO	NO
432-1363	TEMPO SC INSECTICIDE	221.76	16.39	413	Cyfluthrin, beta	3	NO	NO
432-1262	MAXFORCE IBH10	0.25	74.98	412	Hydramethylnon	3	YES	YES

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox. Cat.	EPA Carcin	CA Dev. Toxin
279-3081	CYNOFF EC INSECTICIDE	2.64	0.00	370	Cypermethrin, beta	3	YES	NO
100-1066	DEMAND CS INSECTICIDE	417.81	3.00	322	Cyhalothrin, lambda	3	NO	NO
1021-1815	EVERCIDE ESFENVALERATE 6.4% CS	0.44	35.87	227	Esfenvalerate	3	NO	NO
432-1304	TEMPO 10 WP INSECTICIDE	98.73	2.10	212	Cyfluthrin, beta	3	NO	NO
1677-195	ECO2000-RX FRESHBAIT	0.00	14.37	209	Boric acid	3	NO	NO
432-1447	MERIT TREE INJECTION	1.60	0.00	187	Imidacloprid	3	NO	NO
1021-1718	ETOC FOGGING CONCENTRATE 2764	1,153.25	0.00	184	Prallethrin	3	NO	NO
352-668	DUPONT ADVION COCKROACH BAIT ARENA	0.00	8.37	160	Indoxacarb	3	NO	NO
432-772	DELTA DUST	0.00	22.07	142	Deltamethrin	3	NO	NO
432-1264	MAXFORCE ABF4	0.00	4.65	137	Fipronil	3	YES	NO
499-294	WHITMIRE AVERT PT 310 ABAMECTIN DUST	0.00	18.26	96	Avermectin	3	NO	NO
432-1251	MAXFORCE ROACH CONTROL SYSTEM	0.00	4.42	95	Hydramethylnon	3	YES	YES
499-306	WHITMIRE TALSTAR PT 1800 TOTAL RELEASE INSECTICIDE	0.21	4.38	84	Bifenthrin	3	YES	NO
7946-25	IMICIDE HP	2.02	0.00	83	Imidacloprid	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.16	28.81	79	Bacillus thuringiensis subspecies israelensis strain BMP 144	3	NO	NO
499-290	WHITMIRE PT 505 XLO PYRETHRUM CONTACT INSECTICIDE	0.77	0.44	78	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
9444-217	CB INSECTICIDE WITH DELTAMETHRIN	6.79	9.00	76	Deltamethrin	3	NO	NO
1021-1688	MULTICIDE MOSQUITO ADULTICIDING CONCENTRATE 2705	0.00	1,193.45	65	Phenothrin; Piperonyl butoxide	3	YES	NO
432-1365	PRE-EMPT PROFESSIONAL COCKROACH GEL BAIT	0.00	5.96	63	Imidacloprid	3	NO	NO
499-470	WHITMIRE MICRO-GEN TC 198	1.57	11.73	61	Cyfluthrin	3	NO	NO
1677-191	ECO2000-GR	0.00	26.81	58	Boric acid	3	NO	NO
100-1218	DEMON MAX INSECTICIDE	0.88	0.00	56	Cypermethrin, beta	2	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
432-1252	MAXFORCE PROFESSIONAL INSECT CONTROL ANT KILLER BA	0.00	0.59	55	Hydramethylnon	3	YES	YES
499-492	PRESCRIPTION TREATMENT BRAND 388B ADVANCE ANT GEL BAIT	0.00	5.35	51	Borax	3	NO	NO
499-310	WHITMIRE PT 566 PYRETHRUM	0.03	13.13	48	Pyrethrins; D-trans Allethrin; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
862-23	SUNSPRAY 6E PLUS	49.80	0.00	46	Petroleum distillates	NULL	NO	NO
499-450	ULD BP-300 INSECTICIDE	9.30	0.00	45	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
279-3070	CYNOFF WP INSECTICIDE	0.70	0.00	45	Cypermethrin, beta	2	YES	NO
241-392	PHANTOM TERMITICIDE-INSECTICIDE	2.30	0.86	40	Chlorfenapyr	3	YES	NO
499-497	MOTHEREARTH PROCITRA-DL	2.01	0.19	39	Limonene	3	NO	NO
73079-2	IN TICE GRANULAR BAIT	0.00	15.66	39	Boric acid	3	NO	NO
54452-2	STAPELTON'S MAGNETIC ROACH FOOD M.R.F. 2000 - PAST	0.00	7.33	39	Boric Acid	3	NO	NO
279-3385	DRAX ANT KILL GEL	0.00	0.65	35	Boric acid	3	NO	NO
70051-2	NEEM OIL 70%	19.44	0.00	34	Neem oil	3	NO	NO
2724-375	ALTOSID BRIQUETS	0.00	28.00	34	S-Methoprene	3	NO	NO
9444-183	INTRUDER RESIDUAL WITH CYFLUTHRIN	0.01	34.31	32	Cyfluthrin; Pyrethrins; Piperonyl butoxide	3	YES	NO
47000-73	CT 511	0.00	15.44	30	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
73079-5	INTICE ROACH BAIT	0.00	1.34	28	Boric Acid	3	NO	NO
62719-88	DURSBAN ME20	0.27	0.00	27	Chlorpyrifos	3	NO	NO
432-1301	TEMPO 20 WP IN WATER SOLUBLE PACKETS	0.00	0.19	25	Cyfluthrin	3	NO	NO
1021-1603	NYLAR 10EC	28.68	0.00	23	Pyriproxyfen	3	NO	NO
149-8	TERRO ANT KILLER II	0.11	0.00	23	Borax	3	NO	NO
432-1250	PERMANONE 31-66	0.00	1.69	20	Permethrin; 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
82074-1	MYCOTROL ES	2.61	0.00	19	Beauveria bassiana GHA	3	NO	NO
499-496	PRESCRIPTION TREATMENT BRAND ADVANCE 360A DUAL CHOICE ANT BAIT STATIONS	0.00	5.99	18	Avermectin	3	NO	NO
73079-1	INTICE SWEET ANT GEL	0.00	1.89	18	Boric acid	3	NO	NO
1677-196	ECO2000-XP FRESHBAIT	0.00	1.05	17	Boric acid	3	NO	NO
62719-291	CONSERVE SC TURF AND ORNAMENTAL	0.67	0.00	16	Spinosad	3	NO	NO
Apr-80	BONIDE HORTICULTURAL AND DORMANT SPRAY OIL	2.41	0.00	14	Petroleum distillates	3	NO	NO
72-574	MILLER HOT SAUCE ANIMAL REPELLENT	0.05	0.00	13	Capsicum oleoresin	3	NO	NO
655-802	PRENTOX LARVA-LUR CONTAINS PROPOXUR	0.00	6.00	13	Propoxur	3	YES	NO
42750-153	IMIDACLOPRID 60WP GH	0.00	2.03	13	Imidacloprid	3	NO	NO
5481-8973	ORTHENE PCO FORMULA II	3.08	0.00	12	Acephate	3	YES	NO
432-763	SUSPEND SC	1.86	0.00	12	Deltamethrin	3	NO	NO
432-992	DRIONE INSECTICIDE	0.00	2.06	12	Pyrethrins; Piperonyl butoxide; Silica gel	3	YES	NO
73049-429	V60035 CG	0.00	0.26	12	Bacillus sphaericus; Bacillus thuringiensis subspecies israelensis, strain IPS-78	3	NO	NO
499-370	PT 370 ASCEND FIRE ANT STOPPER BAIT	0.00	9.58	11	Avermectin	3	NO	NO
279-3287	FLONICAMID 50SG INSECTICIDE	0.00	0.87	11	Fonicamid	3	NO	NO
432-1256	MAXFORCE ANT BAIT F1	0.00	0.31	11	Fipronil	3	YES	NO
49538-3	PHYTON 27 NEW DIMENSION	7.81	0.00	10	Copper sulfate (pentahydrate)	3	NO	NO
432-1302	TEMPO 20 WP	0.53	0.11	10	Cyfluthrin	3	NO	NO
73049-39	DIPEL DF DRY FLOWABLE BIOLOGICAL INSECTICIDE	0.01	2.25	10	Bacillus thuringiensis, subsp. Kurstaki, strain ABTS-351, fermentation solids and solubles	3	NO	NO
432-1255	MAXFORCE GRANULAR INSECT BAIT	0.00	0.50	10	Hydramethylnon	3	YES	YES
400-508	FLORAMITE SC	0.13	0.00	9	Bifenazate	3	NO	NO
36488-45	RINGER ATTACK SOAP CONCENTRATE	0.03	3.75	9	Potassium laurate	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
9444-168	COUNTRY VET ROACH EMBARGO WITH GROWTH INHIBITOR	0.35	1.75	8	Fenvalerate; Prallethrin; Pyriproxyfen	NULL	NO	NO
2724-476	ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E)	0.35	0.00	8	(S)-Kinoprene	2	NO	NO
432-1369	MERIT 2 GREENHOUSE AND NURSERY INSECTIDE	0.03	0.00	8	Imidacloprid	3	NO	NO
53871-3	STIMUKIL FLY BAIT	0.00	3.33	8	Methomyl; (Z)-9-Tricosene	3	NO	NO
279-3153	FIRSTLINE TERMITE BAIT STATION	0.00	0.93	8	Sulfuramid	3	NO	NO
8033-94	TRISTAR 30 SG INSECTICIDE	0.00	0.75	8	Acetamiprid	3	NO	NO
499-182	WHITMIRE PT 565	0.32	0.00	7	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
4-420	BONIDE SYSTEMIC ROSE & FLOWER CARE	0.00	4.00	7	Disulfoton	2	NO	NO
352-627	DUPONT ADVION FIRE ANT BAIT	0.00	1.09	7	Indoxacarb	3	NO	NO
42750-115	IMIDACLOPRID 2FL T&O	7.19	0.00	6	Imidacloprid	3	NO	NO
432-1338	TEMPO 20 WP GOLF COURSE INSECTICIDE	1.88	6.94	6	Cyfluthrin	3	NO	NO
1021-1611	PYROCIDE INTERMEDIATE 51	0.80	0.00	6	Pyrethrins; Piperonyl butoxide	3	YES	NO
100-1088	SCIMITAR GC INSECTICIDE	0.66	2.73	6	Cyhalothrin, lambda	3	NO	NO
432-1312	MERIT 2F INSECTICIDE	0.15	0.00	6	Imidacloprid	3	NO	NO
2724-274	GOLDEN MALRIN RF-128 FLY KILLER	0.00	8.19	6	Methomyl; (Z)-9-Tricosene	3	NO	NO
1021-1424	PYROCIDE FOGGING CONCENTRATE 7338	0.00	6.00	6	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
6218-47	MOSKEETO(TM) BIOLOGICAL MOSQUITO CONTROL BRIQUETS	0.00	1.94	6	Bacillus thuringiensis subspecies israelensis strain BMP 144	3	NO	NO
73079-7	INTICE (TM) LIQUID BAIT	0.00	0.75	6	Borax	3	NO	NO
9444-131	DRAX ANT KILL GEL	0.00	0.56	6	Boric acid	NULL	NO	NO
655-798	PRENTOX EXCITE (R)	0.00	0.53	6	Pyrethrins; Piperonyl butoxide	3	YES	NO
5481-8971	ORTHENE 75 S SOLUBLE POWDER	0.00	0.25	6	Acephate	3	YES	NO
9444-135	DRAX ANT KIL-PF	0.00	0.02	6	Boric acid	NULL	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
19713-123	DAMOIL DORMANT & SUMMER SPRAY OIL	32.61	0.00	5	Kerosene	3	NO	NO
71711-4	AKARI 5SC MITICIDE-INSECTICIDE	0.03	0.00	5	Fenpyroximate	2	NO	NO
42697-1	SAFER INSECTICIDAL SOAP CONCENTRATE	0.00	10.00	5	Potassium laurate	2	NO	NO
432-1402	TEMPO 20 WP GREENHOUSE AND NURSERY INSECTICIDE	0.00	0.29	5	Cyfluthrin	3	NO	NO
62719-471	MACH 2 2SC	23.80	0.00	4	Halofenozide	3	NO	NO
66222-19	CHLORPYRIFOS 4E AG	6.58	0.00	4	Chlorpyrifos	2	NO	NO
499-362	WHITMIRE PT 515 WASP FREEZE	0.66	0.00	4	Phenothrin; D-trans Allethrin	3	YES	NO
100-896	AVID 0.15 EC MITICIDE/INSECTICIDE	0.06	0.00	4	Avermectin	2	NO	NO
73220-10	ABAMECTIN 0.15 EC TNO	0.03	0.00	4	Avermectin	NULL	NO	NO
9198-167	ANDERSONS GOLF PRODUCTS INSECTICIDE III	0.00	960.00	4	Chlorpyrifos	3	NO	NO
499-459	MICRO-GEN ANT REACTOR	0.00	0.00	4	Sulfluramid	3	NO	NO
10404-66	LESCO HORTICULTURAL OIL INSECTICIDE	0.70	0.00	3	Petroleum distillates	3	NO	NO
1021-1614	CLEARMOL INTERMEDIATE 7410	0.44	0.00	3	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	2	YES	NO
70051-27	AZATIN XL	0.12	0.00	3	Azadirachtin	3	NO	NO
66222-40	RIMON 10SC	0.03	0.00	3	Novaluron	3	NO	NO
67425-19	ECOPCO JET/X	0.00	3.25	3	Phenylethyl propionate; Piperonyl butoxide	3	YES	NO
1021-1775	MGK WASP & HORNET KILLER AEROSOL	0.00	1.88	3	Phenothrin; Tetramethrin	3	YES	NO
71771-1	MESSENGER	0.00	1.29	3	Harpin protein	3	NO	NO
499-479	TC-123 INSECTICIDE	0.00	1.00	3	Pyrethrins; Piperonyl butoxide	3	YES	NO
1677-43	STER-BAC	4.00	0.00	2	Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride	1	NO	NO
73049-38	VECTOBAC 12AS BIOLOGICAL LARVICIDE	1.50	0.00	2	Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52	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
9444-169	CB-38-1 FOR INSECT CONTROL	1.33	0.00	2	Pyrethrins; Piperonyl butoxide	NULL	NO	NO
73049-11	VECTOBAC - AS	0.34	0.00	2	Bacillus thuringiensis, subsp. Israelensis, strain AM 65-52	3	NO	NO
499-320	WHITMIRE PT 19 DAIRY & FARM INSECT FOGGER AND REPE	0.26	0.00	2	Permethrin; Pyrethrins; Piperonyl Butoxide	3	YES	NO
67425-4	ECOPCO AC CONTACT INSECTICIDE	0.10	0.00	2	Eugenol; Phenylethyl propionate	3	NO	NO
62719-515	M-PEDE INSECTICIDE/FUNGICIDE	0.05	0.00	2	Potassium laurate	2	NO	NO
432-1349	MERIT 0.2 PLUS TURF FERTILIZER	0.00	750.00	2	Imidacloprid	3	NO	NO
432-1339	MERIT 0.2 G LAWN AND GARDEN INSECTICIDE	0.00	45.86	2	Imidacloprid	3	NO	NO
6218-47	ANTI-MOS BRIQUETS	0.00	0.63	2	Bacillus thuringiensis subspecies Israelensis strain BMP 144	3	NO	NO
2724-420	ZOCON RF-329 ANT GROWTH REGULATOR	0.00	0.50	2	S-Methoprene	3	NO	NO
499-500	PRESCRIPTION TREATMENT BRAND ADVANCE COMPRESSED TERMITE BAIT II	0.00	0.41	2	Diflubenzuron	3	NO	NO
499-472	PRESCRIPTION TREATMENT BRAND ATTAIN MICRO TOTAL RE	0.00	0.25	2	Bifenthrin	2	YES	NO
499-467	WHITMIRE AVERT TC-181	0.00	0.12	2	Avermectin	3	NO	NO
279-3386	DRAX ANT KIL-PF	0.00	0.04	2	Boric acid	3	NO	NO
33906-23	SANMITE 75 WP MITICIDE/INSECTICIDE	0.00	0.03	2	Pyridaben	2	NO	NO
19713-49	DREXEL CARBARYL 4L	2.50	0.00	1	Carbaryl	3	YES	NO
67760-99	PROAXIS EX	1.50	0.00	1	Cyhalothrin, gamma	3	NO	NO
4-408	EIGHT INSECT CONTROL CONCENTRATE	0.25	0.00	1	Permethrin	3	YES	NO
66330-314	BIFENTHRIN 7.9% FL NURSERY INSECTICIDE/MITICIDE	0.16	0.00	1	Bifenthrin	3	YES	NO
9444-150	AEROSOL BORIC ACID	0.13	0.00	1	Boric acid	NULL	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
49538-2	PHYTON-27	0.09	0.00	1	Copper sulfate (pentahydrate)	1	NO	NO
400-509	FLORAMITE SC/LS	0.01	0.00	1	Bifenazate	3	NO	NO
62637-3	BMP (144 200 G)	0.00	60.00	1	Bacillus thuringiensis subspecies israelensis, strain IPS-78	3	NO	NO
432-1328	MERIT 0.5 G INSECTICIDE	0.00	30.00	1	Imidacloprid	3	NO	NO
432-1289	DYLOX 80 TURF AND ORNAMENTAL INSECTICIDE	0.00	30.00	1	Trichlorfon	2	YES	NO
72155-33	DYLOX INSECT GRANULES	0.00	30.00	1	Trichlorfon	3	YES	NO
55638-47	MATTCH BIOINSECTICIDE	0.00	0.50	1	CryIA(c) and CryIC derived*delta endotoxins of Bacillus thuringiensis encapsulated in killed pseudomonas fluorescens (*Patent pending)	3	NO	NO
432-1391	PREMISE FOAM	0.00	0.38	1	Imidacloprid	3	NO	NO
499-465	PRO-CONTROL FOGGER II	0.00	0.31	1	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
499-405	WHITMIRE PT 1920 TOTAL RELEASE INSECTICIDE	0.00	0.13	1	Cyfluthrin; Chlorpyrifos	2	NO	NO
432-1375	PRE-EMPT FLY BAIT	0.00	0.13	1	(Z)-9-Tricosene; Imidacloprid	3	NO	NO
352-746	DUPONT ADVION ANT GEL	0.00	0.06	1	Indoxacarb	3	NO	NO
45728-7	CARBAMATE WDG FUNGICIDE	0.00	0.03	1	Ferbam	3	NO	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	554.30	1,154.41	1,316	Glyphosate, isopropylamine salt	3	NO	NO
228-397	RIVERDALE VANQUISH HERBICIDE	92.10	0.00	382	Dicamba, diglycolamine salt	3	NO	NO
62719-556	ACCORD XRT II	170.35	0.00	338	Glyphosate, dimethylammonium salt	3	NO	NO
241-341	PENDULUM 3.3 EC HERBICIDE	230.32	679.06	334	Pendimethalin	3	YES	NO
62719-542	DIMENSION 2EW	30.43	0.00	265	Dithiopyr	2	NO	NO
62719-176	PATHFINDER II	183.48	0.00	193	Triclopyr, butoxyethyl ester	3	NO	NO
71368-20	NUFARM CREDIT HERBICIDE	160.43	0.00	174	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
352-622	DUPONT OUST EXTRA HERBICIDE	2.28	0.00	141	Sulfometuron methyl; Metsulfuron-methyl	3	NO	NO
66222-169	VEGETATION MANAGEMENT SFM 75	1.27	0.00	113	Sulfometuron methyl	3	NO	NO
62719-527	GARLON 4 ULTRA	49.91	0.00	97	Triclopyr	2	NO	NO
62719-517	ACCORD XRT	54.92	0.00	93	Glyphosate, isopropylamine salt	3	NO	NO
241-360	PRE-M 3.3 EC TURF HERBICIDE	69.47	0.19	88	Pendimethalin	3	YES	NO
62719-322	NAF-545	26.44	0.00	87	Glyphosate, isopropylamine salt	3	NO	NO
62719-40	GARLON 4	31.36	0.98	76	Triclopyr, butoxyethyl ester	3	NO	NO
241-273	ARSENAL HERBICIDE	2.25	235.13	59	Imazapyr, isopropylamine salt	3	NO	NO
100-937	PRIMO MAXX	13.04	31.96	49	Trinexapac-ethyl	3	NO	NO
71995-25	ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE	13.65	0.00	39	Glyphosate, isopropylamine salt	3	NO	NO
62719-37	GARLON* 3A	49.84	0.06	36	Triclopyr, triethylamine salt	1	NO	NO
524-517	ACCORD XL HERBICIDE	4.80	0.00	27	Glyphosate, isopropylamine salt	3	NO	NO
228-366	RAZOR HERBICIDE	0.95	0.00	26	Glyphosate, isopropylamine salt	3	NO	NO
62719-529	SCYTHE HERBICIDE	3.63	5.25	22	Nonanoic acid	2	NO	NO
62719-445	DIMENSION* ULTRA 40WP	0.00	40.33	19	Dithiopyr	3	NO	NO
42750-61	GLYPHOSATE 41% PLUS	4.75	0.00	13	Glyphosate, isopropylamine salt	3	NO	NO
62719-324	GLYPRO	18.51	0.00	12	Glyphosate, isopropylamine salt	3	NO	NO
2217-758	TRIMEC 937 HERBICIDE	8.64	0.00	10	2,4-D, 2-ethylhexyl ester; 2,4-DP-P, isooctyl ester; Dicamba	2	NO	NO
432-950	ACCLAIM EXTRA HERBICIDE	2.84	7.81	10	Fenoxaprop-P (+)	3	NO	NO
66330-276	DICAMBA DMA 4# AG	0.00	16.14	9	Dicamba, dimethylamine salt	2	NO	NO
524-343	ROUNDUP CUSTOM HERBICIDE	0.61	0.00	7	Glyphosate, isopropylamine salt	3	NO	NO
81880-1	GWN-3069	0.00	1.74	7	Halosulfuron-methyl	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
2217-543	TRIMEC HERBICIDE	0.08	0.00	6	2,4-D, dimethylamine salt; MCP-P, dimethylamine salt; Dicamba, dimethylamine salt	1	NO	NO
352-656	KOCIDE 2000	0.03	36.50	6	Copper hydroxide	2	NO	NO
9198-129	TWIN LIGHT PROFESSIONAL TRIFLURALIN 5% GRANULAR	0.00	250.00	5	Trifluralin	3	YES	NO
524-529	ROUNDUP PRO CONCENTRATE	10.00	0.00	4	Glyphosate, isopropylamine salt	3	NO	NO
2217-833	SPEED ZONE BROADLEAF HERBICIDE	4.72	0.00	4	2,4-D, 2-ethylhexyl ester; Dicamba; Carfentrazone-ethyl; Mecoprop-P	3	YES	NO
62719-305	LONTREL TURF AND ORNAMENTAL	0.38	0.00	4	Clopyralid	3	NO	NO
7173-21	CHEMPAR L.V. BRUSH KILLER 2/2	0.00	3.35	4	2,4-D, 2-ethylhexyl ester; 2,4,5-T, 2-ethylhexyl ester	2	NO	NO
66330-293	THIOPHANATE METHYL 4.5L	10.00	0.00	3	Thiophanate-methyl	3	YES	YES
10404-44	LESCO THREE-WAY BENTGRASS SELECTIVE HERBICIDE	4.13	0.00	3	2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt	1	NO	NO
228-365	AQUANEAT AQUATIC HERBICIDE	0.88	0.00	3	Glyphosate, isopropylamine salt	3	NO	NO
71995-29	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	0.04	0.00	3	Glyphosate, isopropylamine salt; Diquat dibromide	3	NO	NO
961-360	LEBANON FERTILIZER WITH DIMENSION (0.13%) CRABGRAS	0.00	2,400.00	3	Dithiopyr	3	NO	NO
73220-13	QUALI-PRO DITHIOPYR 40 WSB	0.00	18.13	3	Dithiopyr	3	NO	NO
10404-84	0.07% DIMENSION PLUS FERTILIZER	15.00	120.00	2	Dithiopyr	3	NO	NO
10404-43	LESCO THREE-WAY SELECTIVE HERBICIDE	10.00	0.00	2	2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt	1	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
961-395	CONFRONT III + FERTILIZER	0.54	4.33	2	Triclopyr, triethylamine salt; Fluroxypyr 1-methylheptyl ester; 2,4-D, dimethylamine salt	3	NO	NO
9198-65	THE ANDERSONS PROFESSIONAL TURF PRODUCTS CRABGRASS	0.00	400.00	2	Siduron	3	NO	NO
10163-213	TUPERSAN HERBICIDE	0.00	72.00	2	Siduron	3	NO	NO
2217-696	BETAMEC 4 PRE-EMERGENCE GRASS KILLER	12.00	0.00	1	Bensulide	3	NO	NO
264-267	ETHREL BRAND ETHEPHON PLANT REGULATOR	6.40	0.00	1	Ethephon	1	NO	NO
82052-1	WEED AVENGER WEED KILLER	3.50	0.00	1	Limonene	3	NO	NO
2217-759	EMBARK 2-S PLANT GROWTH REGULATOR	1.50	0.00	1	Mefluidide, diethanolamine salt	3	NO	NO
100-817	BICEP II MAGNUM HERBICIDE	0.07	0.00	1	Atrazine; Metolachlor, (S)	3	YES	NO
10404-100	LESCO PRE-M 0.86% PLUS FERTILIZER	0.00	3,000.00	1	Pendimethalin	3	YES	NO
2217-794	GORDON'S GRANULAR 33 1/2	0.00	1,250.00	1	2,4-D; Dicamba; Mecoprop-P	3	YES	NO
400-168	CASORON 4G	0.00	150.00	1	Dichlobenil	3	YES	NO
961-405	LEBANON TRIFLURALIN G-5	0.00	40.00	1	Trifluralin	3	YES	NO
524-535	MON 78365 HERBICIDE	0.00	0.56	1	Glyphosate, monoammonium salt; Diquat dibromide	3	NO	NO
Fungicides								
100-1093	HERITAGE FUNGICIDE	0.00	85.73	50	Azoxystrobin	3	NO	NO
50534-202	DACONIL SDG	57.50	867.18	34	Chlorothalonil	1	YES	NO
8622-56	BIOBROM C-100G	0.00	16.88	30	2,2-dibromo-3-nitrilopropionamide	1	NO	NO
432-942	BANOL TURF AND ORNAMENTAL FUNGICIDE	59.75	26.13	27	Propamocarb hydrochloride	3	NO	NO
432-890	ALIETTE WDG BRAND FUNGICIDE	0.00	1,201.50	27	Fosetyl-AI	3	NO	NO
100-796	SUBDUE MAXX	38.21	12.44	21	Mefenoxam	3	NO	NO
432-1360	BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER	0.00	237.02	19	Triadimefon	3	YES	YES
60063-3	ECHO 825	0.00	710.00	18	Chlorothalonil	1	YES	NO
9198-115	THE ANDERSONS TURF FUNGICIDE WITH 5.0% DACONIL	0.00	4,855.00	16	Chlorothalonil	1	YES	NO
66222-154	EQUUS 720 SST	133.00	0.00	15	Chlorothalonil	2	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
432-888	CHIPCO 26019 FLO BRAND FUNGICIDE	46.50	0.00	15	Iprodione	3	YES	NO
538-183	PROTURF FLUID FUNGICIDE	32.50	0.00	15	Thiophanate-methyl; Iprodione	3	YES	YES
7969-184	Insignia Fungicide	0.00	84.16	15	Pyraclostrobin	3	NO	NO
100-769	MEDALLION FUNGICIDE	0.06	21.11	12	Fludioxonil	3	NO	NO
66222-149	EQUUS DF	0.00	360.00	12	Chlorothalonil	2	YES	NO
60063-7	ECHO 720 AGRICULTURAL FUNGICIDE	60.55	0.00	11	Chlorothalonil	2	YES	NO
100-741	ALAMO FUNGICIDE	39.81	0.00	11	Propiconazole	2	YES	NO
432-1371	COMPASS	0.00	29.41	10	Trifloxystrobin	3	NO	NO
50534-209	DACONIL 720 FLOWABLE FUNGICIDE	45.00	0.00	9	Chlorothalonil	3	YES	NO
66222-41	BUMPER 14.3 EC (PROPICONAZOLE) FUNGICIDE	22.61	0.00	9	Propiconazole	2	YES	NO
69592-19	RHAPSODY AS0	21.04	0.00	9	QST 713 strain of dried Bacillus subtilis	3	NO	NO
71962-1	AGRI-FOS SYSTEMIC FUNGICIDE	5.98	0.00	8	Mono- and di-potassium salts of phosphorous acid	3	NO	NO
10163-274	RUBIGAN A.S. TURF AND ORNAMENTAL	0.75	0.00	8	Fenarimol	3	NO	NO
7969-224	CURALAN EG	0.00	249.55	8	Vinclozolin	3	YES	YES
100-641	BANNER FUNGICIDE	21.50	0.00	7	Propiconazole	2	YES	NO
9198-222	ANDERSONS GOLF PRODUCTS FUNGO FLO	15.50	0.00	7	Thiophanate-methyl	3	YES	YES
66330-41	ENDORSE WETTABLE POWDER FUNGICIDE	0.00	84.43	7	Polyoxin D zinc salt	3	NO	NO
70127-2	NOVOZYMES BIOFUNGICIDE GREEN RELEAF 710-140	28.04	0.00	6	Bacillus licheniformis SB3086; IBA	3	NO	NO
79676-17	TM+IP E-PRO FUNGICIDE	26.00	0.00	6	Iprodione; Thiophanate-methyl	3	YES	YES
499-368	WHITMIRE PT 2000 GREEN-SHIELD HORTICULTURAL ALGICI	0.66	0.00	6	Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12); Alkyl (68%C12, 32%C14) dimethylethylbenzyl ammonium chloride	1	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
58044-3	CONSAN TRIPLE ACTION 20	0.19	0.00	6	Alkyl (50%C12, 30%C14, 17%C16, 3%C18) dimethylethylbenzyl ammonium chloride; Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12); Alkyl* dimethyl benzyl ammonium chloride *(50%C12, 30%C14, 17%C16, 3%C18)	1	NO	NO
400-433	TERRAGUARD 50W	0.00	2.63	6	Triflumizole	3	NO	NO
62719-346	PROPICONAZOLE EC	7.25	0.00	5	Propiconazole	2	YES	NO
707-133	KATHON WT 1.5%	40.00	0.00	4	5-chloro-2-methyl-4-isothiazolin-3-one; 2-methyl-4-isothiazolin-3-one	1	NO	NO
432-1446	TARTAN FLO FUNGICIDE	7.50	0.00	4	Triadimefon; Trifloxystrobin	3	YES	YES
961-277	LEBANON TURF FUNGICIDE	0.00	1,510.00	4	Chlorothalonil	3	YES	NO
9198-210	ANDERSONS GOLF PRODUCTS FUNGICIDE X	0.00	1,193.00	4	Iprodione	3	YES	NO
9198-111	THE ANDERSONS 1.0% BAYLETON(R) FUNGICIDE	0.00	590.00	4	Triadimefon	3	YES	YES
100-794	SUBDUE GR	0.00	460.00	4	Mefenoxam	3	NO	NO
81959-4	IPRODIONE E-PRO FUNGICIDE	20.00	0.00	3	Iprodione	3	YES	NO
70299-1	ZEROTOL ALGAECIDE/FUNGICIDE	1.14	0.00	3	Hydrogen peroxide	1	NO	NO
62719-388	FORE 80WP RAINSHIELD	0.00	148.00	3	Mancozeb	3	YES	NO
58185-30	FUNGO 50 WSB WETTABLE POWDER TURF & ORNAMENTAL SYS	0.00	4.50	3	Thiophanate-methyl	3	YES	YES
100-892	ARBOTECT 20-S FUNGICIDE	2.02	0.00	2	Thiabendazole	3	YES	NO
1001-70	3336 G	0.00	830.00	2	Thiophanate-methyl	3	YES	YES
7969-85	RONILAN EG FUNGICIDE	0.00	69.00	2	Vinclozolin	3	YES	YES

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox. Cat.	EPA Carcin	CA Dev. Toxin
100-1231	INSTRATA	12.50	0.00	1	Chlorothalonil; Fludioxonil; Propiconazole	3	YES	NO
66330-305	IPRODIONE 2SE TURF	5.00	0.00	1	Iprodione	3	YES	NO
62719-396	DITHANE F-45 FLOWABLE MANCOZEB AGRICULTURAL FUNGIC	5.00	0.00	1	Mancozeb	3	YES	NO
45728-26	SPOTRETE F FUNGICIDE	4.00	0.00	1	Thiram	3	NO	NO
73545-13	TOPSIN 4.5 FL	3.67	0.00	1	Thiophanate- methyl	3	YES	YES
79676-8	PROPICONAZOLE E- PRO 14.3 MEC FUNGICIDE	1.44	0.00	1	Propiconazole	2	YES	NO
400-521	TERRAGUARD SC	0.03	0.00	1	Triflumizole	3	NO	NO
68173-2	ENDORSE WETTABLE POWDER FUNGICIDE	0.00	40.00	1	Polyoxin D zinc salt	3	NO	NO
10404-58	LESCO GRANULAR TURF FUNGICIDE	0.00	40.00	1	Triadimefon	3	YES	YES
70506-185	PENNCOZEB 75 DF	0.00	24.00	1	Mancozeb	3	YES	NO
58185-10	BANROT BROAD SPECTRUM FUNGICIDE 40% WETTABLE POWDE	0.00	0.63	1	Terrazole; Thiophanate- methyl	2	YES	YES
64137-5	MYCOSTOP BIOFUNGICIDE FOR AGRONOMIC, VEGETABLE AND	0.00	0.00	1	Streptomyces griseoviridis strain K61	3	NO	NO
Other (Repellents, Biochemical Pesticides, Etc.)								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	4.14	3.81	448	(7S)-Hydroprene	3	NO	NO
2724-484	GENTROL AEROSOL (FOR PROFESSIONAL USE ONLY)	1.95	3.13	49	(7S)-Hydroprene	3	NO	NO
2724-476	ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E)	0.24	0.00	14	(S)-Kinoprene	2	NO	NO
69117-7	PINCHER PGR	0.02	0.00	13	Dikegulac sodium	3	NO	NO
2724-469	ZOECON (S)- HYDROPRENE ROACH CONTROL STATION II	0.00	4.35	11	(7S)-Hydroprene	3	NO	NO
1001-73	ECOLOGIX COCKROACH BAIT	0.00	5.18	11	Oxypurinol; Xanthine	3	NO	NO
60061-14	WOOLSEY/Z*SPAR SUPER TOX ANTI- FOULING FINISH B-74	11.00	0.00	10	Copper oxide (ous)	2	NO	NO
60061-63	PETTIT MARINE PAINT UNEPOXY STANDARD ANTIFOULING B	8.00	0.00	8	Copper oxide (ous)	2	NO	NO
59639-96	DISTANCE INSECT GROWTH REGULATOR	0.08	0.00	7	Pyriproxyfen	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
100-1014	PACLOBUTRAZOL 2SC	0.00	5.00	6	Paclobutrazol	3	NO	NO
100-930	LAWN PRIMO G	0.00	0.16	6	Trinexapac-ethyl	3	NO	NO
71096-7	OR-CAL SLUG & SNAIL BAIT	0.00	0.55	4	Metaldehyde	3	NO	NO
72041-2	GOOSE REPELLENT	1.66	0.00	3	Methyl anthranilate	3	NO	NO
73049-15	PROGIBB 4% PLANT GROWTH REGULATOR SOLUTION	0.00	0.00	3	Gibberellins	2	NO	NO
60061-117	PETTIT MARINE PAINT ULTIMA SR ANTIFOULING PAINT	2.50	0.00	2	Copper oxide (ous); Cybutryne	2	NO	NO
1706-179	STABREX ST 70	25.00	0.00	1	Sodium hypochlorite; Sodium bromide	1	NO	NO
60061-64	PETTIT MARINE PAINT UNEPOXY TIN FREE ANTIFOULING 1	1.00	0.00	1	Copper oxide (ous)	2	NO	NO
2217-836	AZATROL EC INSECTICIDE	0.02	0.00	1	Azadirachtin	3	NO	NO
59639-37	SUMAGIC PLANT GROWTH REGULATOR	0.00	0.00	1	Uniconizole-P	3	YES	NO
58630-1	DR. T'S SNAKE-A-WAY SNAKE REPELLING GRANULES	0.00	4.00	1	Naphthalene; Sulfur	3	NO	NO
2217-768	EMBARK E-Z-TU-USE PLANT GROWTH REGULATOR	0.00	2.00	1	Mefluidide, diethanolamine salt	3	NO	NO
10551-1	THE GIANT DESTROYER	0.00	1.38	1	Carbon; Sodium nitrate; Sulfur	3	NO	NO

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 2008 by 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	786.85	1,529	Difethialone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	186.44	391	Bromadiolone	3	NO	NO
12455-79	CONTRAC ALL-WEATHER BLOX	0.22	197.97	386	Bromadiolone	3	NO	NO
7173-202	MAKI MINI BLOCKS	1.91	163.19	268	Bromadiolone	3	NO	NO
12455-76	CONTRAC RODENTICIDE READY TO USE PLACE PAC	0.00	107.11	252	Bromadiolone	3	NO	NO
100-1050	TALON-G RODENTICIDE BAIT PACK MINI-PELLETS WITH BI	0.00	101.09	179	Brodifacoum	3	NO	NO
12455-97	FASTRAC PLACE PACS	7.29	74.39	153	Bromethalin	3	NO	NO
12455-80	DITRAC ALL-WEATHER BLOX	0.00	91.28	103	Diphacinone	3	NO	NO
56-70	J.T. EATON AC FORMULA 90 READY-TO-USE RODENTICIDE	0.00	43.69	66	Chlorophacinone	3	NO	NO
12455-86	CONTRAC RODENTICIDE PLACE PAC	0.00	37.67	45	Bromadiolone	3	NO	NO
12455-95	FASTRAC ALL-WEATHER BLOX	0.52	14.78	34	Bromethalin	3	NO	NO
12455-56	DITRAC TRACKING POWDER	0.00	4.31	25	Diphacinone	2	NO	NO
100-1055	WEATHERBLOK BAIT WITH BITREX	0.00	12.12	21	Brodifacoum	3	NO	NO
7173-188	MAKI RAT AND MOUSE BAIT PACKS (PELLETS)	0.00	13.52	20	Bromadiolone	3	NO	NO
12455-89	FINAL ALL-WEATHER BLOX	0.00	13.28	19	Brodifacoum	3	NO	NO
12455-61	LIQUA-TOX II	1.26	0.00	16	Diphacinone, sodium salt	3	NO	NO
12455-91	FINAL RODENTICIDE READY-TO-USE PLACE PAC	0.14	3.23	5	Brodifacoum	3	NO	NO
100-1051	TALON-G RODENTICIDE BAIT PACK PELLETS WITH BITREX	0.12	6.55	5	Brodifacoum	3	NO	NO
7173-211	GENERATION RODENTICIDE BAIT PACKS (PELLETS)	0.00	7.00	5	Difethialone	3	NO	NO
7173-190	ROZOL PARAFFIN BLOCKS	0.00	1.50	3	Chlorophacinone	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
56-58	EATON'S AC FORMULA 90 RODENTICIDE	0.00	1.88	2	Chlorophacinone	3	NO	NO
12455-78	DITRAC RAT AND MOUSE BAIT PLACE PAC	0.00	1.31	2	Diphacinone	3	NO	NO
7173-113	ROZOL TRACKING POWDER	0.00	1.81	1	Chlorophacinone	2	NO	NO
3240-28	RAMPAGE MOUSE SEED	0.00	0.02	1	Cholecalciferol	3	NO	NO
Other (Repellent, Biochemical Pesticides, Etc.)								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	2.39	0.00	179	(7S)-Hydroprene	3	NO	NO
2724-476	ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E)	0.24	0.00	14	(S)-Kinoprene	2	NO	NO
69117-7	PINCHER PGR	0.02	0.00	13	Dikegulac sodium	3	NO	NO
1001-73	ECOLOGIX COCKROACH BAIT	0.00	5.18	11	Oxypurinol; Xanthine	3	NO	NO
60061-14	WOOLSEY/Z*SPAR SUPER TOX ANTI-FOULING FINISH B-74	11.00	0.00	10	Copper oxide (ous)	2	NO	NO
60061-63	PETTIT MARINE PAINT UNEPOXY STANDARD ANTIFOULING B	8.00	0.00	8	Copper oxide (ous)	2	NO	NO
59639-96	DISTANCE INSECT GROWTH REGULATOR	0.08	0.00	7	Pyriproxyfen	3	NO	NO
100-1014	PACLOBUTRAZOL 2SC	0.00	5.00	6	Paclobutrazol	3	NO	NO
100-930	LAWN PRIMO G	0.00	0.16	6	Trinexapac-ethyl	3	NO	NO
71096-7	OR-CAL SLUG & SNAIL BAIT	0.00	0.55	4	Metalddehyde	3	NO	NO
72041-2	GOOSE REPELLENT	1.66	0.00	3	Methyl anthranilate	3	NO	NO
73049-15	PROGIBB 4% PLANT GROWTH REGULATOR SOLUTION	0.00	0.00	3	Gibberellins	2	NO	NO
60061-117	PETTIT MARINE PAINT ULTIMA SR ANTIFOULING PAINT	2.50	0.00	2	Copper oxide (ous); Cybutryne	2	NO	NO
1706-179	STABREX ST 70	25.00	0.00	1	Sodium hypochlorite; Sodium bromide	1	NO	NO
60061-64	PETTIT MARINE PAINT UNEPOXY TIN FREE ANTIFOULING 1	1.00	0.00	1	Copper oxide (ous)	2	NO	NO
2217-836	AZATROL EC INSECTICIDE	0.02	0.00	1	Azadirachtin	3	NO	NO
59639-37	SUMAGIC PLANT GROWTH REGULATOR	0.00	0.00	1	Uniconazole-P	3	NO	NO
2724-484	GENTROL AEROSOL (FOR PROFESSIONAL USE ONLY)	0.00	2.19	1	(7S)-Hydroprene	3	NO	NO
2217-768	EMBARK E-Z-TU-USE PLANT GROWTH REGULATOR	0.00	2.00	1	Mefluidide, diethanolamine 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
2724-469	ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II	0.00	0.00	1	(7S)-Hydroprene	3	NO	NO
Insecticides								
432-1318	MERIT 75 WSP	0.04	1,519.71	11,810	Imidacloprid	3	NO	NO
432-763	SUSPEND SC INSECTICIDE	57.07	0.00	561	Deltamethrin	3	NO	NO
1021-1641	EVERCIDE RESIDUAL INSECTICIDE CONCENTRATE 2662	2.10	0.00	364	Esfenvalerate	3	NO	NO
432-1447	MERIT TREE INJECTION	1.60	0.00	187	Imidacloprid	3	NO	NO
67425-14	ECOPCO ACU	22.54	88.53	175	Phenylethyl propionate	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	8.38	112	Indoxacarb	3	NO	NO
7946-25	IMICIDE HP	2.02	0.00	83	Imidacloprid	3	NO	NO
73049-20	VECTOLEX CG BIOLOGICAL LARVICIDE	0.00	945.00	69	Bacillus sphaericus	3	NO	NO
64405-2	REDZONE BAIT	0.00	10.05	65	Boric acid	3	NO	NO
432-772	DELTA DUST	0.00	2.85	62	Deltamethrin	3	NO	NO
432-1365	PRE-EMPT PROFESSIONAL COCKROACH GEL BAIT	0.00	5.96	57	Imidacloprid	3	NO	NO
862-23	SUNSPRAY 6E PLUS	49.80	0.00	46	Petroleum distillates	3	NO	NO
241-392	PHANTOM TERMITICIDE-INSECTICIDE	2.30	0.00	35	Chlorfenapyr	3	YES	NO
70051-2	NEEM OIL 70%	19.44	0.00	34	Neem oil	3	NO	NO
499-410	AVERT PRESCRIPTION TREATMENT TC 93B BAIT	0.00	0.76	24	Avermectin	3	NO	NO
149-8	TERRO ANT KILLER II	0.11	0.00	23	Borax	3	NO	NO
432-1264	MAXFORCE ABF4	0.00	0.90	23	Fipronil	3	YES	NO
73079-2	IN TICE GRANULAR BAIT	0.00	4.72	22	Boric acid	3	NO	NO
82074-1	MYCOTROL ES	2.61	0.00	19	Beauveria bassiana GHA	3	NO	NO
62719-291	CONSERVE SC TURF AND ORNAMENTAL	0.67	0.00	16	Spinosad	3	NO	NO
4-80	BONIDE HORTICULTURAL AND DORMANT SPRAY OIL	2.41	0.00	14	Petroleum distillates	3	NO	NO
72-574	MILLER HOT SAUCE ANIMAL REPELLENT	0.05	0.00	13	Capsicum oleoresin	3	NO	NO
42750-153	IMIDACLOPRID 60WP GH	0.00	2.03	13	Imidacloprid	3	NO	NO
499-470	WHITMIRE MICRO-GEN TC 198	1.38	0.06	12	Cyfluthrin	3	NO	NO
499-496	PRESCRIPTION TREATMENT BRAND ADVANCE 360A DUAL CHOICE ANT BAIT STATIONS	0.00	4.35	12	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
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	3.97	11	Avermectin	3	NO	NO
279-3287	FLONICAMID 50SG INSECTICIDE	0.00	0.87	11	Fonicamid	3	NO	NO
49538-3	PHYTON 27 NEW DIMENSION	7.81	0.00	10	Copper sulfate (pentahydrate)	3	NO	NO
73049-39	DIPEL DF DRY FLOWABLE BIOLOGICAL INSECTICIDE	0.01	2.25	10	Bacillus thuringiensis, subsp. Kurstaki, strain ABTS-351, fermentation solids and solubles	3	NO	NO
400-508	FLORAMITE SC	0.13	0.00	9	Bifenazate	3	NO	NO
36488-45	RINGER ATTACK SOAP CONCENTRATE	0.03	3.75	9	Potassium laurate	2	NO	NO
2724-476	ENSTAR II INSECT GROWTH REGULATOR (ENSTAR 5E)	0.35	0.00	8	(S)-Kinoprene	2	NO	NO
432-1369	MERIT 2 GREENHOUSE AND NURSERY INSECTIDE	0.03	0.00	8	Imidacloprid	3	NO	NO
8033-94	TRISTAR 30 SG INSECTICIDE	0.00	0.75	8	Acetamiprid	3	NO	NO
432-1259	PRODUCT: RBF5	0.00	0.24	8	Fipronil	3	YES	NO
432-1363	TEMPO SC INSECTICIDE	0.03	0.00	7	Cyfluthrin, beta	3	NO	NO
4-420	BONIDE SYSTEMIC ROSE & FLOWER CARE	0.00	4.00	7	Disulfoton	2	NO	NO
352-627	DUPONT ADVION FIRE ANT BAIT	0.00	1.09	7	Indoxacarb	3	NO	NO
42750-115	IMIDACLOPRID 2FL T&O	7.19	0.00	6	Imidacloprid	3	NO	NO
432-1338	TEMPO 20 WP GOLF COURSE INSECTICIDE	1.88	6.94	6	Cyfluthrin	3	NO	NO
1021-1611	PYROCIDE INTERMEDIATE 51	0.80	0.00	6	Pyrethrins; Piperonyl butoxide	3	YES	NO
100-1088	SCIMITAR GC INSECTICIDE	0.66	2.73	6	Cyhalothrin, lambda	3	NO	NO
432-1302	TEMPO 20 WP	0.53	0.11	6	Cyfluthrin	3	NO	NO
432-1312	MERIT 2F INSECTICIDE	0.15	0.00	6	Imidacloprid	3	NO	NO
9444-183	INTRUDER RESIDUAL WITH CYFLUTHRIN	0.00	23.00	6	Cyfluthrin; Pyrethrins; Piperonyl butoxide	3	YES	NO
5481-8971	ORTHENE 75 S SOLUBLE POWDER	0.00	0.25	6	Acephate	3	YES	NO
19713-123	DAMOIL DORMANT & SUMMER SPRAY OIL	32.61	0.00	5	Kerosene	3	NO	NO
100-1066	DEMAND CS INSECTICIDE	0.53	0.00	5	Cyhalothrin, lambda	3	NO	NO
71711-4	AKARI 5SC MITICIDE- INSECTICIDE	0.03	0.00	5	Fenpyroximate	2	NO	NO
42697-1	SAFER INSECTICIDAL SOAP CONCENTRATE	0.00	10.00	5	Potassium laurate	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
432-1402	TEMPO 20 WP GREENHOUSE AND NURSERY INSECTICIDE	0.00	0.29	5	Cyfluthrin	3	NO	NO
62719-471	MACH 2 2SC	23.80	0.00	4	Halofenozide	3	NO	NO
66222-19	CHLORPYRIFOS 4E AG	6.58	0.00	4	Chlorpyrifos	2	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	0.33	0.00	4	Cyfluthrin	3	NO	NO
100-896	AVID 0.15 EC MITICIDE/INSECTICIDE	0.06	0.00	4	Avermectin	2	NO	NO
73220-10	ABAMECTIN 0.15 EC TNO	0.03	0.00	4	Avermectin	2	NO	NO
9198-167	ANDERSONS GOLF PRODUCTS INSECTICIDE III	0.00	960.00	4	Chlorpyrifos	3	NO	NO
10404-66	LESCO HORTICULTURAL OIL INSECTICIDE	0.70	0.00	3	Petroleum distillates	3	NO	NO
1021-1614	CLEARMOL INTERMEDIATE 7410	0.44	0.00	3	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	2	YES	NO
70051-27	AZATIN XL	0.12	0.00	3	Azadirachtin	3	NO	NO
66222-40	RIMON 10SC	0.03	0.00	3	Novaluron	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.00	2.52	3	Bacillus thuringiensis subspecies israelensis strain BMP 144	3	NO	NO
71771-1	MESSENGER	0.00	1.29	3	Harpin protein	3	NO	NO
499-479	TC-123 INSECTICIDE	0.00	1.00	3	Pyrethrins; Piperonyl butoxide	3	YES	NO
73049-38	VECTOBAC 12AS BIOLOGICAL LARVICIDE	1.50	0.00	2	Bacillus thuringiensis, subsp. israelensis, strain AM 65-52	3	NO	NO
73049-11	VECTOBAC - AS	0.34	0.00	2	Bacillus thuringiensis, subsp. israelensis, strain AM 65-52	3	NO	NO
62719-515	M-PEDE INSECTICIDE/FUNGICIDE	0.05	0.00	2	Potassium laurate	2	NO	NO
432-1349	MERIT 0.2 PLUS TURF FERTILIZER	0.00	750.00	2	Imidacloprid	3	NO	NO
432-1339	MERIT 0.2 G LAWN AND GARDEN INSECTICIDE	0.00	45.86	2	Imidacloprid	3	NO	NO
2724-420	ZOECON RF-329 ANT GROWTH REGULATOR	0.00	0.50	2	S-Methoprene	3	NO	NO
499-472	PRESCRIPTION TREATMENT BRAND ATTAIN MICRO TOTAL RE	0.00	0.25	2	Bifenthrin	2	YES	NO
33906-23	SANMITE 75 WP MITICIDE/INSECTICIDE	0.00	0.03	2	Pyridaben	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
432-1301	TEMPO 20 WP IN WATER SOLUBLE PACKETS	0.00	0.02	2	Cyfluthrin	3	NO	NO
73079-1	INTICE SWEET ANT GEL	0.00	0.02	2	Boric acid	3	NO	NO
19713-49	DREXEL CARBARYL 4L	2.50	0.00	1	Carbaryl	3	YES	NO
67760-99	PROAXIS EX	1.50	0.00	1	Cyhalothrin, gamma	3	NO	NO
4-408	EIGHT INSECT CONTROL CONCENTRATE	0.25	0.00	1	Permethrin	3	YES	NO
66330-314	BIFENTHRIN 7.9% FL NURSERY INSECTICIDE/MITICIDE	0.16	0.00	1	Bifenthrin	3	YES	NO
49538-2	PHYTON-27	0.09	0.00	1	Copper sulfate (pentahydrate)	1	NO	NO
1021-1603	NYLAR 10EC	0.05	0.00	1	Pyriproxyfen	3	NO	NO
400-509	FLORAMITE SC/LS	0.01	0.00	1	Bifenazate	3	NO	NO
432-1289	DYLOX 80 TURF AND ORNAMENTAL INSECTICIDE	0.00	30.00	1	Trichlorfon	2	YES	NO
72155-33	DYLOX INSECT GRANULES	0.00	30.00	1	Trichlorfon	3	YES	NO
432-1328	MERIT 0.5 G INSECTICIDE	0.00	30.00	1	Imidacloprid	3	NO	NO
55638-47	MATTCH BIOINSECTICIDE	0.00	0.50	1	CryIA(c) and CryIC derived*delta endotoxins of Bacillus thuringiensis encapsulated in killed pseudomonas fluorescens (*Patent pending)	3	NO	NO
432-1391	PREMISE FOAM	0.00	0.38	1	Imidacloprid	3	NO	NO
499-384	WHITMIRE PT 240 PERMA-DUST INSECTICIDE	0.00	0.13	1	Boric acid	3	NO	NO
499-405	WHITMIRE PT 1920 TOTAL RELEASE INSECTICIDE	0.00	0.13	1	Cyfluthrin; Chlorpyrifos	2	NO	NO
432-1460	MAXFORCE FC ROACH KILLER BAIT GEL F.05	0.00	0.07	1	Fipronil	3	YES	NO
499-492	PRESCRIPTION TREATMENT BRAND 388B ADVANCE ANT GEL BAIT	0.00	0.06	1	Borax	3	NO	NO
45728-7	CARBAMATE WDG FUNGICIDE	0.00	0.03	1	Ferbam	3	NO	NO
499-467	WHITMIRE AVERT TC-181	0.00	0.03	1	Avermectin	3	NO	NO
432-1257	MAXFORCE ROACH BAIT F.05	0.00	0.03	1	Fipronil	3	YES	NO
499-370	PT 370 ASCEND FIRE ANT STOPPER BAIT	0.00	0.02	1	Avermectin	3	NO	NO
Herbicides								

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
524-475	ROUNDUP ULTRA HERBICIDE	524.35	371.97	1,203	Glyphosate, isopropylamine salt	3	NO	NO
241-341	PENDULUM 3.3 EC HERBICIDE	230.32	679.06	334	Pendimethalin	3	YES	NO
62719-542	DIMENSION 2EW	30.43	0.00	265	Dithiopyr	2	NO	NO
62719-556	ACCORD XRT II	56.58	0.00	138	Glyphosate, dimethylammonium salt	3	NO	NO
62719-517	ACCORD XRT	54.92	0.00	93	Glyphosate, isopropylamine salt	3	NO	NO
241-360	PRE-M 3.3 EC TURF HERBICIDE	69.47	0.19	88	Pendimethalin	3	YES	NO
62719-527	GARLON 4 ULTRA	48.84	0.00	88	Triclopyr	2	NO	NO
62719-40	GARLON 4	31.36	0.98	76	Triclopyr, butoxyethyl ester	3	NO	NO
100-937	PRIMO MAXX	13.04	31.96	49	Trinexapac-ethyl	3	NO	NO
71995-25	ROUNDUP WEED & GRASS KILLER SUPER CONCENTRATE	13.65	0.00	39	Glyphosate, isopropylamine salt	3	NO	NO
62719-37	GARLON* 3A	49.84	0.06	36	Triclopyr, triethylamine salt	1	NO	NO
228-366	RAZOR HERBICIDE	0.95	0.00	26	Glyphosate, isopropylamine salt	3	NO	NO
62719-176	PATHFINDER II	127.43	0.00	24	Triclopyr, butoxyethyl ester	3	NO	NO
62719-529	SCYTHE HERBICIDE	3.63	5.25	22	Nonanoic acid	2	NO	NO
62719-445	DIMENSION* ULTRA 40WP	0.00	40.33	19	Dithiopyr	3	NO	NO
42750-61	GLYPHOSATE 41% PLUS	4.75	0.00	13	Glyphosate, isopropylamine salt	3	NO	NO
62719-324	GLYPRO	18.51	0.00	12	Glyphosate, isopropylamine salt	3	NO	NO
2217-758	TRIMEC 937 HERBICIDE	8.64	0.00	10	2,4-D, 2-ethylhexyl ester; 2,4-DP-P, isooctyl ester; Dicamba	2	NO	NO
432-950	ACCLAIM EXTRA HERBICIDE	2.84	7.81	10	Fenoxaprop-P (+)	3	NO	NO
66330-276	DICAMBA DMA 4# AG	0.00	16.14	9	Dicamba, dimethylamine salt	2	NO	NO
81880-1	GWN-3069	0.00	1.74	7	Halosulfuron-methyl	3	NO	NO
352-656	KOCIDE 2000	0.03	36.50	6	Copper hydroxide	2	NO	NO
524-529	ROUNDUP PRO CONCENTRATE	10.00	0.00	4	Glyphosate, isopropylamine salt	3	NO	NO
2217-833	SPEED ZONE BROADLEAF HERBICIDE	4.72	0.00	4	2,4-D, 2-ethylhexyl ester; Dicamba; Carfentrazone-ethyl; Mecoprop-P	3	YES	NO
62719-305	LONTREL TURF AND ORNAMENTAL	0.38	0.00	4	Clopyralid	3	NO	NO
7173-21	CHEMPAR L.V. BRUSH KILLER 2/2	0.00	3.35	4	2,4-D, 2-ethylhexyl ester; 2,4,5-T, 2-ethylhexyl ester	2	NO	NO
66330-293	THIOPHANATE METHYL 4.5L	10.00	0.00	3	Thiophanate-methyl	3	YES	YES

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
10404-44	LESCO THREE-WAY BENTGRASS SELECTIVE HERBICIDE	4.13	0.00	3	2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt	1	NO	NO
71995-29	ROUNDUP WEED & GRASS KILLER CONCENTRATE PLUS	0.04	0.00	3	Glyphosate, isopropylamine salt; Diquat dibromide	3	NO	NO
961-360	LEBANON FERTILIZER WITH DIMENSION (0.13%) CRABGRASS	0.00	2,400.00	3	Dithiopyr	3	NO	NO
73220-13	QUALI-PRO DITHIOPYR 40 WSB	0.00	18.13	3	Dithiopyr	3	NO	NO
10404-84	0.07% DIMENSION PLUS FERTILIZER	15.00	120.00	2	Dithiopyr	3	NO	NO
10404-43	LESCO THREE-WAY SELECTIVE HERBICIDE	10.00	0.00	2	2,4-D, dimethylamine salt; Dicamba, dimethylamine salt; MCP-P, dimethylamine salt	1	NO	NO
9198-65	THE ANDERSONS PROFESSIONAL TURF PRODUCTS CRABGRASS	0.00	400.00	2	Siduron	3	NO	NO
10163-213	TUPERSAN HERBICIDE	0.00	72.00	2	Siduron	3	NO	NO
2217-696	BETAMEC 4 PRE-EMERGENCE GRASS KILLER	12.00	0.00	1	Bensulide	3	NO	NO
264-267	ETHREL BRAND ETHEPHON PLANT REGULATOR	6.40	0.00	1	Ethephon	1	NO	NO
82052-1	WEED AVENGER WEED KILLER	3.50	0.00	1	Limonene	3	NO	NO
2217-759	EMBARK 2-S PLANT GROWTH REGULATOR	1.50	0.00	1	Mefluidide, diethanolamine salt	3	NO	NO
10404-100	LESCO PRE-M 0.86% PLUS FERTILIZER	0.00	3,000.00	1	Pendimethalin	3	YES	NO
2217-794	GORDON'S GRANULAR 33 1/2	0.00	1,250.00	1	2,4-D; Dicamba; Mecoprop-P	3	YES	NO
400-168	CASORON 4G	0.00	150.00	1	Dichlobenil	3	YES	NO
961-405	LEBANON TRIFLURALIN G-5	0.00	40.00	1	Trifluralin	3	YES	NO
524-535	MON 78365 HERBICIDE	0.00	0.56	1	Glyphosate, monoammonium salt; Diquat dibromide	3	NO	NO
Fungicides								
100-1093	HERITAGE FUNGICIDE	0.00	85.73	50	Azoxystrobin	3	NO	NO
50534-202	DACONIL SDG	57.50	867.18	34	Chlorothalonil	1	YES	NO
432-942	BANOL TURF AND ORNAMENTAL FUNGICIDE	59.75	26.13	27	Propamocarb hydrochloride	3	NO	NO
432-890	ALIETTE WDG BRAND FUNGICIDE	0.00	1,201.50	27	Fosetyl-AI	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
100-796	SUBDUE MAXX	38.21	12.44	21	Mefenoxam	3	NO	NO
432-1360	BAYLETON 50 TURF AND ORNAMENTAL FUNGICIDE IN WATER	0.00	237.02	19	Triadimefon	3	YES	YES
60063-3	ECHO 825	0.00	710.00	18	Chlorothalonil	1	YES	NO
9198-115	THE ANDERSONS TURF FUNGICIDE WITH 5.0% DACONIL	0.00	4,855.00	16	Chlorothalonil	1	YES	NO
66222-154	EQUUS 720 SST	133.00	0.00	15	Chlorothalonil	2	YES	NO
432-888	CHIPCO 26019 FLO BRAND FUNGICIDE	46.50	0.00	15	Iprodione	3	YES	NO
538-183	PROTURF FLUID FUNGICIDE	32.50	0.00	15	Thiophanate-methyl; Iprodione	3	YES	YES
7969-184	Insignia Fungicide	0.00	84.16	15	Pyraclostrobin	3	NO	NO
100-769	MEDALLION FUNGICIDE	0.06	21.11	12	Fludioxonil	3	NO	NO
66222-149	EQUUS DF	0.00	360.00	12	Chlorothalonil	2	YES	NO
60063-7	ECHO 720 AGRICULTURAL FUNGICIDE	60.55	0.00	11	Chlorothalonil	2	YES	NO
100-741	ALAMO FUNGICIDE	39.81	0.00	11	Propiconazole	2	YES	NO
432-1371	COMPASS	0.00	29.41	10	Trifloxystrobin	3	NO	NO
50534-209	DACONIL 720 FLOWABLE FUNGICIDE	45.00	0.00	9	Chlorothalonil	3	YES	NO
66222-41	BUMPER 14.3 EC (PROPICONAZOLE) FUNGICIDE	22.61	0.00	9	Propiconazole	2	YES	NO
69592-19	RHAPSODY AS0	21.04	0.00	9	QST 713 strain of dried Bacillus subtilis	3	NO	NO
71962-1	AGRI-FOS SYSTEMIC FUNGICIDE	5.98	0.00	8	Mono- and di-potassium salts of phosphorous acid	3	NO	NO
10163-274	RUBIGAN A.S. TURF AND ORNAMENTAL	0.75	0.00	8	Fenarimol	3	NO	NO
7969-224	CURALAN EG	0.00	249.55	8	Vinclozolin	3	YES	YES
100-641	BANNER FUNGICIDE	21.50	0.00	7	Propiconazole	2	YES	NO
9198-222	ANDERSONS GOLF PRODUCTS FUNGO FLO	15.50	0.00	7	Thiophanate-methyl	3	YES	YES
66330-41	ENDORSE WETTABLE POWDER FUNGICIDE	0.00	84.43	7	Polyoxin D zinc salt	3	NO	NO
70127-2	NOVOZYMES BIOFUNGICIDE GREEN RELEASE 710-140	28.04	0.00	6	Bacillus licheniformis SB3086; IBA	3	NO	NO
79676-17	TM+IP E-PRO FUNGICIDE	26.00	0.00	6	Iprodione; Thiophanate-methyl	3	YES	YES
499-368	WHITMIRE PT 2000 GREEN-SHIELD HORTICULTURAL ALGICI	0.66	0.00	6	Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12); Alkyl (68%C12, 32%C14) dimethylethylbenzyl ammonium chloride	1	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
58044-3	CONSANTIN TRIPLE ACTION 20	0.19	0.00	6	Alkyl (50%C12, 30%C14, 17%C16, 3%C18) dimethylethylbenzyl ammonium chloride; Alkyl* dimethyl benzyl ammonium chloride *(60%C14, 30%C16, 5%C18, 5%C12); Alkyl* dimethyl benzyl ammonium chloride *(50%C12, 30%C14, 17%C16, 3%C18)	1	NO	NO
400-433	TERRAGUARD 50W	0.00	2.63	6	Triflumizole	3	NO	NO
62719-346	PROPICONAZOLE EC	7.25	0.00	5	Propiconazole	2	YES	NO
432-1446	TARTAN FLO FUNGICIDE	7.50	0.00	4	Triadimefon; Trifloxystrobin	3	YES	YES
961-277	LEBANON TURF FUNGICIDE	0.00	1,510.00	4	Chlorothalonil	3	YES	NO
9198-210	ANDERSONS GOLF PRODUCTS FUNGICIDE X	0.00	1,193.00	4	Iprodione	3	YES	NO
9198-111	THE ANDERSONS 1.0% BAYLETON(R) FUNGICIDE	0.00	590.00	4	Triadimefon	3	YES	YES
100-794	SUBDUE GR	0.00	460.00	4	Mefenoxam	3	NO	NO
81959-4	IPRODIONE E-PRO FUNGICIDE	20.00	0.00	3	Iprodione	3	YES	NO
70299-1	ZEROTOL ALGAECIDE/FUNGICIDE	1.14	0.00	3	Hydrogen peroxide	1	NO	NO
62719-388	FORE 80WP RAINSHIELD	0.00	148.00	3	Mancozeb	3	YES	NO
58185-30	FUNGO 50 WSB WETTABLE POWDER TURF & ORNAMENTAL SYS	0.00	4.50	3	Thiophanate-methyl	3	YES	YES
100-892	ARBOTECT 20-S FUNGICIDE	2.02	0.00	2	Thiabendazole	3	YES	NO
1001-70	3336 G	0.00	830.00	2	Thiophanate-methyl	3	YES	YES
7969-85	RONILAN EG FUNGICIDE	0.00	69.00	2	Vinclozolin	3	YES	YES
100-1231	INSTRATA	12.50	0.00	1	Chlorothalonil; Fludioxonil; Propiconazole	3	YES	NO
62719-396	DITHANE F-45 FLOWABLE MANCOZEB AGRICULTURAL FUNGIC	5.00	0.00	1	Mancozeb	3	YES	NO
66330-305	IPRODIONE 2SE TURF	5.00	0.00	1	Iprodione	3	YES	NO
45728-26	SPOTRETE F FUNGICIDE	4.00	0.00	1	Thiram	3	NO	NO
73545-13	TOPSIN 4.5 FL	3.67	0.00	1	Thiophanate-methyl	3	YES	YES

EPA Reg. #	EPA Product Name	Volume (Gals)	Weight (Lbs)	No. Appl's.	Active Ingredient(s)	EPA Tox Cat	EPA Carcin	CA Dev. Toxin
79676-8	PROPICONAZOLE E-PRO 14.3 MEC FUNGICIDE	1.44	0.00	1	Propiconazole	2	YES	NO
400-521	TERRAGUARD SC	0.03	0.00	1	Triflumizole	3	NO	NO
68173-2	ENDORSE WETTABLE POWDER FUNGICIDE	0.00	40.00	1	Polyoxin D zinc salt	3	NO	NO
10404-58	LESCO GRANULAR TURF FUNGICIDE	0.00	40.00	1	Triadimefon	3	YES	YES
70506-185	PENNCOZEB 75 DF	0.00	24.00	1	Mancozeb	3	YES	NO
58185-10	BANROT BROAD SPECTRUM FUNGICIDE 40% WETTABLE POWDE	0.00	0.63	1	Terrazole; Thiophanate-methyl	2	YES	YES
64137-5	MYCOSTOP BIOFUNGICIDE FOR AGRONOMIC, VEGETABLE AND	0.00	0.00	1	Streptomyces griseoviridis strain K61	3	NO	NO

Pesticide Products Used by Health and Hospitals Corporation in 2008 by 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	584.50	560	Bromadiolone	3	NO	NO
7173-188	MAKI RAT AND MOUSE BAIT PACKS (PELLETS)	0.00	15.94	37	Bromadiolone	3	NO	NO
12455-16	ZP TRACKING POWDER	0.00	8.19	37	Zinc phosphide	2	NO	NO
7173-218	GENERATION MINI BLOCKS	0.00	23.57	28	Difethialone	3	NO	NO
12455-89	FINAL ALL-WEATHER BLOX	0.00	15.38	28	Brodifacoum	3	NO	NO
12455-69	CONTRAC RODENTICIDE	0.00	11.78	27	Bromadiolone	3	NO	NO
7173-202	MAKI MINI BLOCKS	0.00	13.81	10	Bromadiolone	3	NO	NO
7173-172	ROZOL BLUE TRACKING POWDER	0.00	4.75	8	Chlorophacinone	2	NO	NO
7173-113	ROZOL TRACKING POWDER	0.00	3.25	6	Chlorophacinone	2	NO	NO
7173-236	DIFETHIALONE MINI BLOCKS	0.00	3.53	4	Difethialone	3	NO	NO
12455-75	CONTRAC RAT AND MOUSE BAIT READY TO USE PLACE PAC	0.00	0.75	4	Bromadiolone	3	NO	NO
100-1055	WEATHERBLOK BAIT WITH BITREX	0.00	2.16	2	Brodifacoum	3	NO	NO
Other (Repellent, Biochemical Pesticides, Etc.)								
2724-351	ZOECON RF-259 EMULSIFIABLE CONCENTRATE	0.00	3.56	53	(7S)-Hydroprene	3	NO	NO
2724-469	ZOECON (S)-HYDROPRENE ROACH CONTROL STATION II	0.00	4.32	8	(7S)-Hydroprene	3	NO	NO
Insecticides								
9444-129	ROACH KIL COMMERCIAL	0.00	545.66	1,910	Boric acid	3	NO	NO
432-1254	MAXFORCE PROFESSIONAL INSECT CONTROL ROACH KILLER	0.00	67.28	1,142	Hydramethylnon	3	YES	YES
432-763	SUSPEND SC INSECTICIDE	2,204.58	0.00	443	Deltamethrin	3	NO	NO
352-652	DUPONT ADVION COCKROACH GEL BAIT	0.00	18.88	273	Indoxacarb	3	NO	NO
1677-195	ECO2000-RX FRESHBAIT	0.00	14.37	209	Boric acid	3	NO	NO
432-1363	TEMPO SC INSECTICIDE	220.96	0.00	205	Cyfluthrin, beta	3	NO	NO
1021-1815	EVERCIDE ESFENVALERATE 6.4% CS	0.00	35.74	178	Esfenvalerate	3	NO	NO
100-1066	DEMAND CS INSECTICIDE	415.67	0.00	164	Cyhalothrin, lambda	3	NO	NO
67425-14	ECOPCO ACU	0.00	42.35	155	Phenylethyl propionate	3	NO	NO
64405-2	REDZONE BAIT	0.00	35.23	137	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
432-1304	TEMPO 10 WP INSECTICIDE	95.72	0.00	127	Cyfluthrin, beta	3	NO	NO
432-1264	MAXFORCE ABF4	0.00	3.33	100	Fipronil	3	YES	NO
499-294	WHITMIRE AVERT PT 310 ABAMECTIN DUST	0.00	18.10	87	Avermectin	3	NO	NO
499-304	WHITMIRE OPTEM ME PT 600	0.00	23.46	82	Cyfluthrin	3	NO	NO
432-772	DELTA DUST	0.00	19.22	80	Deltamethrin	3	NO	NO
499-406	AVERT PRESCRIPTION TREATMENT TC 93A BAIT	0.00	2.04	79	Avermectin	3	NO	NO
432-1257	MAXFORCE ROACH BAIT F.05	0.00	2.21	78	Fipronil	3	YES	NO
499-507	PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	0.00	0.99	62	Dinotefuran	3	NO	NO
1677-191	ECO2000-GR	0.00	26.81	58	Boric acid	3	NO	NO
2724-375	ALTOSID BRIQUETS	0.00	28.00	34	S-Methoprene	3	NO	NO
47000-73	CT 511	0.00	15.44	30	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
432-1262	MAXFORCE IBH10	0.00	7.38	30	Hydramethylnon	3	YES	YES
432-1259	PRODUCT: RBF5	0.00	14.38	23	Fipronil	3	YES	NO
1021-1603	NYLAR 10EC	28.63	0.00	22	Pyriproxyfen	3	NO	NO
9444-183	INTRUDER RESIDUAL WITH CYFLUTHRIN	0.00	11.31	22	Cyfluthrin; Pyrethrins; Piperonyl butoxide	3	YES	NO
1677-196	ECO2000-XP FRESHBAIT	0.00	1.05	17	Boric acid	3	NO	NO
655-802	PRENTOX LARVA-LUR CONTAINS PROPOXUR	0.00	6.00	13	Propoxur	3	YES	NO
499-470	WHITMIRE MICRO-GEN TC 198	0.00	2.47	11	Cyfluthrin	3	NO	NO
73079-1	INTICE SWEET ANT GEL	0.00	0.25	10	Boric acid	3	NO	NO
53871-3	STIMUKIL FLY BAIT	0.00	3.33	8	Methomyl; (Z)-9-Tricosene	3	NO	NO
432-1256	MAXFORCE ANT BAIT F1	0.00	0.09	8	Fipronil	3	YES	NO
1021-1424	PYROCIDE FOGGING CONCENTRATE 7338	0.00	6.00	6	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
73079-2	IN TICE GRANULAR BAIT	0.00	3.13	6	Boric acid	3	NO	NO
499-496	PRESCRIPTION TREATMENT BRAND ADVANCE 360A DUAL CHOICE ANT BAIT STATIONS	0.00	1.64	6	Avermectin	3	NO	NO
352-668	DUPONT ADVION COCKROACH BAIT ARENA	0.00	1.38	6	Indoxacarb	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
432-992	DRIONE INSECTICIDE	0.00	1.13	6	Pyrethrins; Piperonyl butoxide; Silica gel	3	YES	NO
279-3153	FIRSTLINE TERMITE BAIT STATION	0.00	0.68	6	Sulfuramid	3	NO	NO
655-798	PRENTOX EXCITE (R)	0.00	0.53	6	Pyrethrins; Piperonyl butoxide	3	YES	NO
9444-135	DRAX ANT KIL-PF	0.00	0.02	6	Boric acid	3	NO	NO
241-392	PHANTOM TERMITICIDE-INSECTICIDE	0.00	0.86	5	Chlorfenapyr	3	YES	NO
9444-217	CB INSECTICIDE WITH DELTAMETHRIN	0.00	8.94	4	Deltamethrin	3	NO	NO
2724-274	GOLDEN MALRIN RF-128 FLY KILLER	0.00	7.56	4	Methomyl; (Z)-9-Tricosene	3	NO	NO
6218-47	SUMMIT B.T.I. BRIQUETS	0.00	1.45	4	Bacillus thuringiensis subspecies israelensis strain BMP 144	3	NO	NO
73766-1	GOURMET ANT BAIT GEL	0.00	0.13	4	Disodium octaborate tetrahydrate	3	NO	NO
499-290	WHITMIRE PT 505 XLO PYRETHRUM CONTACT INSECTICIDE	0.06	0.44	3	Pyrethrins; Piperonyl butoxide; N-octyl bicycloheptene dicarboximide	3	YES	NO
1677-43	STER-BAC	4.00	0.00	2	Alkyl (60%C14, 25%C12, 15%C16) dimethylbenzyl ammonium chloride	1	NO	NO
5481-8973	ORTHENE PCO FORMULA II	3.00	0.00	2	Acephate	3	YES	NO
499-492	PRESCRIPTION TREATMENT BRAND 388B ADVANCE ANT GEL BAIT	0.00	1.19	2	Borax	3	NO	NO
432-1255	MAXFORCE GRANULAR INSECT BAIT	0.00	0.25	2	Hydramethylnon	3	YES	YES
432-1375	PRE-EMPT FLY BAIT	0.00	0.13	1	(Z)-9-Tricosene; Imidacloprid	3	NO	NO
352-746	DUPONT ADVION ANT GEL	0.00	0.06	1	Indoxacarb	3	NO	NO
Herbicides								
524-475	ROUNDUP ULTRA HERBICIDE	15.00	0.00	1	Glyphosate, isopropylamine salt	3	NO	NO