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Pesticide
Contamination
Prevention
Program
Annual Report
(A.R.S. 49-303.C)

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Pesticide Contamination Prevention Program Report

A.R.S. § 49-303.C

The Arizona Pesticide Contamination Prevention Program was established by the Environmental Quality Act of 1986. The major objective of the program is to prevent or mitigate groundwater pollution by agricultural pesticides. The program is composed of the following four major components:

- 1) **Product chemistry and environmental fate review** – Prior to registering an agricultural-use pesticide with the Arizona Department of Agriculture (ADA), applicants must submit product chemistry and environmental fate data of the associated active ingredient to ADEQ for review and approval. The information is used to determine the potential of the active ingredient to leach to groundwater, and generate the Arizona Groundwater Protection List (GWPL).
- 2) **Groundwater Protection List** – The GWPL is a list of agricultural pesticides and their active ingredients, in use in Arizona, that have the potential to pollute groundwater, based on product chemistry, environmental fate data and groundwater monitoring of the active ingredient(s).
- 3) **Environmental monitoring** – ADEQ, in cooperation with the ADA, monitors groundwater and soils in agricultural areas throughout the state for the presence of agricultural-use pesticide active ingredients on the GWPL.
- 4) **Compilation of data** – ADEQ collects and reports product use information for agricultural pesticides on the GWPL, applied to the soil. Results of pesticide monitoring from groundwater wells are evaluated and stored in the Water Quality Division's groundwater database.

This report which covers calendar year 2013 is in fulfillment of a requirement pursuant to Arizona Revised Statutes (A.R.S.) § 49-303.C that requires ADEQ to report, annually, the following information to the Legislature:

- 1) A list of agricultural-use pesticide active ingredients for which there is a groundwater protection data gap (A.R.S. § 49-303.C.1).
- 2) A list of each agricultural-use pesticide containing an active ingredient that fails the Specific Numeric Values (SNVs) presented in Table 1 (A.R.S. § 49-303.C.2), or determined by an alternative procedure to have the potential to pollute groundwater (A.R.S. § 49-303.C.3).
- 3) The use information on agricultural pesticides on the GWPL that have been applied to the soil in the state during the most recent year, and the county where the pesticide was applied and for what purpose (A.R.S. § 49-303.C.4).

Groundwater Protection Data Gap (A.R.S. § 49-303.C.1)

Prior to registering an agricultural-use pesticide with the ADA, applicants are required to submit the product chemistry and environmental fate data of the associated active ingredient(s) to ADEQ for review and approval (A.R.S. § 49-302). If an agricultural-use pesticide is registered without ADEQ's review and approval of its active ingredient(s), a groundwater protection data gap violation will occur and ADEQ will notify ADA to cancel the registration (A.R.S. § 49-306).

Between 1987 when the program was first implemented and December 31, 2013, a total of 414 agricultural-use pesticide active ingredients or active ingredient groups have completed the product chemistry and environmental fate review and approval process. Registrants have the option of registering with ADA for one or two years at a time. There is no groundwater protection data gap for any of the active ingredients associated with the agricultural-use pesticides registered in Arizona in 2013. This is attributed to the procedures established by ADEQ and the ADA to prevent such violations and the cooperation received from pesticide manufacturers.

Specific Numeric Values (SNVs)

After ADEQ reviews the product chemistry and environmental fate submittal, the data are compared with SNVs, which are criteria adopted by rule. The SNVs, found at A.A.C. R18-6-103.1, are based on the U.S. Environmental Protection Agency's (EPA) criteria for identifying pesticide active ingredients that have the potential to leach to groundwater based on the factors of mobility and persistence in the subsurface environment. The SNVs are presented in Table 1. Active ingredients that exceed any of the SNVs in both mobility and persistence factors must be placed on the GWPL (Arizona Administrative Code (A.A.C.) R18-6-103(1)).

<i>Table 1: Specific Numeric Values</i>	
Property	SNVs
<i>Mobility Factors</i>	
Water Solubility	30 parts per million
Soil Adsorption Coefficient	< 5 milliliters per gram
<i>Persistence Factors</i>	
Hydrolysis (half-life)	25 weeks
Aerobic Soil Metabolism (half-life)	3 weeks
Anaerobic Soil Metabolism (half-life)	3 weeks
Field Dissipation (half-life)	3 weeks

As an alternative to the SNVs, evaluation procedures have been adopted (A.A.C. R18-6-103.2) that allow for consideration of new scientific approaches in determining the pollution potential of agricultural-use pesticides. The guidelines are published on the ADEQ Web site.

In 2013, nine new pesticide active ingredient applications and seventeen waiver requests were received by ADEQ, and all were approved for registration with the Arizona Department of Agriculture. Two of those were placed on the GWPL and two applications were for an active ingredient that was already on the GWPL, from two different companies. One of the waiver requests included three active ingredients and another included two active ingredients. The list of new active ingredients approved by ADEQ in 2013 is shown in Table 2A. The list of waivers approved by ADEQ in 2013 is shown in Table 2B

Table 2A: New Active Ingredients Approved in Arizona 2013

	Chemical Name	General Use	Product Brand Names	Registrant
1	*Picoxystrobin*	Fungicide for control of foliar and soil-borne plant diseases and has preventive, curative and systemic activity	DuPont Aproach™ Fungicide	DuPont
2	Glyphosate	Herbicide for broad-spectrum post-emergence weed control	FarmWorks™ Glyphosate Plus with Surfactant Grass & Weed Killer	Ragan and Massey
3	Dicrotophos	Insecticide and acaricide is an organophosphate acetylcholinesterase inhibitor	Bidrin 8 Water Miscible Insecticide	AMVAC Chemical Corporation
4	Sulfoxaflor	Insecticide target difficult-to-control sap-feeding insect pests	Transform™ WG Closer™ SC	Dow
5	**Imidacloprid**	Insecticide for control of aphids and plant bugs in crops	Willowood Imidacloprid 2SC Willowood Imidacloprid 4SC	Willowood
6	Paraquat Dichloride	Herbicide to defoliate and desiccate weeds and grasses	Willowood Paraquat 3SL	Willowood
7	**Imidacloprid**	Insecticide for control of aphids and plant bugs in crops	Primeraone Imidacloprid 2F Insecticide	Primera Turf
8	Pendimethalin	Herbicide used as a pre-emergent for broadleaf weeds and grasses	UP-End HydroCap Herbicide	United Phosphorus
9	*Florasulam*	Non-residual post emergent broadleaf Herbicide and is highly selective to cereals and turf but is very active on several broadleaf weeds	Defendor™	Dow

*Active ingredient placed on the 2014 GWPL

** Active ingredient previously placed on the GWPL, registered to an additional company.

Table 2B: New Waivers of Active Ingredients Approved in Arizona 2013

	Chemical Name	General Use	Product Brand Names	Registrant
1	Polyoxin-D Zinc Salt	Fungicide for broad spectrum control for leaf blight, early blight, powdery mildew and other diseases	OSO 5% SC Fungicide TAVANO 5% SC Fungicide	Certis USA
2	Aspergillus Flavus, Strain NRRL 21882	Biocontrol agent that displaces aflatoxin-producing fungi	Afla-Guard® GR	Syngenta
3	Oriental Mustard Seed (Brassica juncea) with Active moiety: allyl isothiocyanate	Biopesticide that controls plant parasitic nematodes and fungi	MustGrow™	MTP Mustard Products & Technologies, Inc.
4	Diethylene glycol monobutyl ether	Broad spectrum germicidal cleaner - Determined Non Agriculture	Citrus II Germicidal Deodorizing Wipes	Beaumont Products, Inc.
5	Alkyl dimethyl ethyl ammonium chloride	Broad spectrum germicidal cleaner - Determined Non Agriculture	Citrus II Germicidal Deodorizing Wipes	Beaumont Products, Inc.
6	Alkyl dimethyl benzyl ammonium chloride	Broad spectrum germicidal cleaner - Determined Non Agriculture	Citrus II Germicidal Deodorizing Wipes	Beaumont Products, Inc.
7	Cydia pomonella Granulovirus Isolate V22	Biological insecticide for control of the Codling Moth and the Oriental Fruit Moth	MADEX HP	Andermatt Biocontrol AG
8	Potassium Phosphite	Systemic fungicide for the control of diseases caused by <i>Pythium</i> spp. And other pathogens	Appear™	Syngenta
9	S-Abciscic Acid	Naturally occurring plant growth regulator	ConTego™ SL Plant Growth Regulator	Valent USA
10	Bacillus subtilis var. amyloliquefaciens Strain FZB24	Biofungicide that provides broad-spectrum protection of soil-borne and foliar diseases	Taegro® ECO	Novozymes Biologicals, Inc. & Syngenta
11	Methyl Anthranilate	Bird repellent	Avian Control	Transfer from Stone Soap to Avian Enterprises

Table 2B: New Waivers of Active Ingredients Approved in Arizona 2013

	Chemical Name	General Use	Product Brand Names	Registrant
12	Ammonium salt of Fatty Acids	Non-selective/burn-down herbicide for the control of grass, weeds, moss & algae	Finalsan Total Vegetation Killer	Neudorff North America
13	Trichoderma hamatum isolate 382	Fungicide to protect against root diseases and foliar diseases	Incept™	Syngenta
14	Mono Potassium Phosphite	Systemic fungicide for control and suppression of downy mildew, <i>Phytophthora</i> spp., <i>Pythium</i> spp. and other diseases	pHorcepHite™	Omex
15	Mono Potassium Phosphate	Systemic fungicide for control and suppression of downy mildew, <i>Phytophthora</i> spp., <i>Pythium</i> spp. and other diseases	pHorcepHite™	Omex
16	Banda de Lupinus albus doce (BLAD)	Fungicide for use in grapes, tree fruit & vegetables	Fracture Fungicide	FMC Corporation
17	Acetic Acid (Vinegar)	Non-selective herbicide for control of herbaceous broadleaf weeds and grasses	Fleischmann's Vinegar Weed Control (now called Vinagreen)	Fleischmann's Vinegar Company
18	Ammonium Salt of Fatty Acids	Non-selective/burn-down herbicide for the control of grass & weeds	Mirimichi Green Concentrate – Non Selective Herbicide	Mirimichi Green LLC
19	Killed, nonviable Streptomyces acidiscabies strain RL-110 ^T	Biological herbicide for use on pre- and/or post-emergence for specific weeds	Opportune	Marrone Bio Innovations

Agricultural Pesticides on the Groundwater Protection List (A.R.S. § 49-303.C.3)

Agricultural-use pesticide active ingredients that fail at least one SNV from both the mobility and persistence factors, or based on environmental fate analysis are considered as having the potential to pollute groundwater are placed on the GWPL. Each year, a new draft GWPL is developed and published for public comment in the *Arizona Administrative Register*. The annual notice consists of additions and deletions from the previous list, based on new registrations and petitions to de-list active ingredients based on established criteria.

The final GWPL is published by July 1 of each year and becomes effective on December 1 of the publication year. The 2014 GWPL containing 87 active ingredients was published in the *Arizona Administrative Register* on March 21, 2014 and took effect December 1, 2014 (see Table 3). The agricultural pesticides containing these active ingredients are listed in Table 4.

The GWPL enables ADEQ to focus its statewide groundwater and soil monitoring activities on the active ingredients requiring monitoring and testing. If any of these active ingredients are detected in the groundwater or soil as a result of agricultural activities, ADEQ may, depending on the level at which they were detected, require registrants to modify their application rates and use patterns. Ultimately, ADEQ may recommend cancellation of the product registration to prevent further pollution. At the user level, Best Management Practices (BMPs) developed by the applicator should always be implemented when these agricultural-use pesticides on the GWPL are applied to the soil, to reduce or prevent the pollution of groundwater by the associated active ingredients (A.A.C. R18-6-303.A).

Table 3: 2014 Groundwater Protection List

	<i>CAS Number</i>	<i>Chemical Name</i>
1	94-75-7	2,4-D Acid
2	1929-73-3	2,4-D Butoxyethyl Ester
3	5742-19-8	2,4-D Diethanolamine Salt
4	20940-37-8	2,4-D Diethylamine Salt
5	1928-43-4	2,4-D 2-Ethylhexyl Ester
6	5742-17-6	2,4-D Isopropylamine Salt
7	94-11-1	2,4-D Isopropyl Ester
8	32341-80-3	2,4-D Trisopropanolamine Salt
9	135158-54-2	Acibenzolar-S-Methyl
10	129909-90-6	Amicarbazone

Table 3: 2014 Groundwater Protection List

	<i>CAS Number</i>	<i>Chemical Name</i>
11	858956-08-8	Aminocyclopyrachlor
12	1912-24-9	Atrazine
13	131860-33-8	Azoxystrobin
14	314-40-9	Bromacil
15	53404-19-6	Bromacil, Lithium Salt
16	63-25-2	Carbaryl
17	128639-02-1	Carfentrazone-Ethyl
18	50008-15-1	Chlorantraniliprole
19	122453-73-0	Chlorfenapyr
20	1702-17-6	Clopyralid
21	420-04-2	Cyanamide
22	113136-77-9	Cyclanilide
23	52918-63-5	Deltamethrin
24	13684-56-5	Desmedipham
25	1918-00-9	Dicamba
26	25059-78-3	Dicamba, DEA Salt
27	104040-79-1	Dicamba, DGA Salt
28	2300-66-5	Dicamba, DMA Salt
29	10007-85-9	Dicamba, Potassium Salt
30	1982-69-0	Dicamba, Sodium Salt
31	110488-70-5	Dimethomorph
32	165252-70-0	Dinotefuran
33	330-54-1	Diuron
34	144-21-8	DSMA (Disodium Methanearsonate)
35	137512-74-4	Emamectin Benzoate
36	115-29-7	Endosulfan
37	104040-78-0	Flazasulfuron

Table 3: 2014 Groundwater Protection List

	<i>CAS Number</i>	<i>Chemical Name</i>
38	158067-0	Flonicamid
39	145701-21-1	*Florasulam*
40	335104-84-2	Flubendiamide
41	142459-58-3	Flufenacet (Thiafluamide)
42	658066-35-4	Fluopyram
43	193740-76-0	Fluoxastrobin
44	66332-96-5	Flutolanil
45	77182-82-2	Glufosinate-Ammonium
46	112226-61-6	Halofenozide
47	100784-20-1	Halosulfuron-Methyl
48	114311-32-9	Imazamox
49	104098-48-8	Imazapic
50	81335-77-5	Imazethapyr
51	101917-66-2	Imazethapyr, Ammonium Salt
52	122548-33-8	Imazosulfuron
53	138261-41-3	**Imidacloprid**
54	950782-96-2	Indaziflam
55	330-55-2	Linuron
56	128-58-3	MAA (Methanearsonic Acid)
57	374726-62-2	Mandipropamid
58	12427-38-2	Maneb
59	16484-77-8	Mecoprop-P (MCP-P)
60	70630-17-0	Mefenoxam
61	208465-21-8	Mesosulfuron-Methyl
62	16752-77-5	Methomyl
63	161050-58-4	Methoxyfenozide
64	21087-64-9	Metribuzin

Table 3: 2014 Groundwater Protection List

	<i>CAS Number</i>	<i>Chemical Name</i>
65	2163-80-6	Monosodium Methanearsonate (MSMA)
66	111991-09-04	Nicosulfuron
67	23135-22-0	Oxamyl
68	494793-67-8	Penflufen
69	117428-22-5	*Picoxystrobin*
70	1610-78-0	Prometon
71	7287-19-6	Prometryn
72	18311274-15-7	Propoxycarbazone-sodium
73	94125-34-5	Prosulfuron
74	123312-89-0	Pymetrozine
75	123343-16-8	Pyrithiobac Sodium
76	84087-01-4	Quinclorac
77	372137-35-4	Saflufenacil
78	81591-81-3	Sulfosate
79	107534-96-3	Tebuconazole
80	112410-23-8	Tebufenozide
81	153719-23-4	Thiamethoxam
82	317815-83-1	Thiencarbazone-methyl
83	210631-68-8	Topramezone
84	117718-60-2	Thiazopyr
85	55335-06-3	Triclopyr
86	199119-58-9	Trifloxysulfuron-Sodium
87	95266-40-3	Trinexapac-Ethyl

* New addition to the GWPL

** Active ingredient previously placed on the GWPL, registered to an additional company.

Bold: Ingredients that have been detected historically in Arizona groundwater.

(Most of the detections have dissipated except for those in Table 5)

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

<i>Brand Name</i>	<i>EPA1</i>	<i>EPA2</i>	<i>EPA3</i>	<i>CAS NUMBER</i>	<i>ACTIVE INGREDIENT</i>
SCOTS LAWN WEED CONTROL	538	9	0	94-75-7	2,4-D
SCOTTS LAWN PRO SUPER TURF BUILDER WITH PLUS 2 WEED CONTROL 29-3-3	538	280	0	94-75-7	2,4-D
WEEDONE 638 BROADLEAF HERBICIDE	71368	3	0	94-75-7	2,4-D
UNISON	5905	542	0	94-75-7	2,4-D
HARD BALL	5905	549	0	94-75-7	2,4-D
GORDONS VEGETATION KILLER	33955	454	0	94-75-7	2,4-D
RECOIL BROAD SPECTRUM HERBICIDE	71368	35	0	94-75-7	2,4-D
SUPER TURF BUILDER WINTERGUARD WITH PLUS 2 WEED CONTROL 27-3-12,	538	283	0	94-75-7	2,4-D
SCOTTS TURF BUILDER WINTERGUARD I ® PLUS 2 ® WEED CONTROL 22-4-11	538	281	0	94-75-7	2,4-D
STEP 2 WEED CONTROL PLUS LAWN FERTILIZER 28-0-6	538	270	0	94-75-7	2,4-D
CRAB-E-RAD PLUS	228	595	54705	94-75-7	2,4-D
CRAB-E-RAD PLUS-RTU	228	594	54705	94-75-7	2,4-D
GREENVIEW SPRING FERTILIZER WEED & FEED AND CRABGRASS PREVENTER 24-0-6	2217	859	961	94-75-7	2,4-D
VIGORO WEED & FEED I 29-0-3	538	270	73327	94-75-7	2,4-D
2,4-D L.V. 6 ESTER	228	95	0	1928-43-4	2,4-D, 2-ethylhexyl ester
WEEDONE LV4 EC BROAD LEAF HERBICIDE	228	139	71368	1928-43-4	2,4-D, 2-ethylhexyl ester
WEEDONE LV4 SOLVENTLESS BROADLEAF HERBICIDE	71368	14	0	1928-43-4	2,4-D, 2-ethylhexyl ester
WEEDONE LV6 EC BROADLEAF HERBICIDE	71368	11	0	1928-43-4	2,4-D, 2-ethylhexyl ester
2,4-D L.V. 4 ESTER	228	139	0	1928-43-4	2,4-D, 2-ethylhexyl ester
LOW VOL 4 ESTER WEED KILLER	34704	124	0	1928-43-4	2,4-D, 2-ethylhexyl ester
LOW VOL 6 DESTER WEED KILLER	34704	125	0	1928-43-4	2,4-D, 2-ethylhexyl ester
SALVO POSTEMERGENCE BROADLEAF HERBICIDE	34704	609	0	1928-43-4	2,4-D, 2-ethylhexyl ester
MISTY REPCO KILL III	10807	205	0	1928-43-4	2,4-D, 2-ethylhexyl ester
DOUBLE 6 LIQUID WEED KILLER CONTAINS DRIFT REDUCER	10807	200	9838	1928-43-4	2,4-D, 2-ethylhexyl ester
FORTIFY SEASON LONG GRUB CONTROL	42750	154	9198	1928-43-4	2,4-D, 2-ethylhexyl ester

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
WHITOUT 2,4-D	34704	1032	0	1928-43-4	2,4-D, 2-ethylhexyl ester
GORDONS LV400 2, 4-D WEED KILLER SOLVENT FREE	2217	936	0	1928-43-4	2,4-D, 2-ethylhexyl ester
BANDINI 26-3-5 WEED & FEED	2217	884	73327	1928-43-4	2,4-D, 2-ethylhexyl ester
STA-GREEN PHOPHORUS-FREE WEED & FEED	2217	884	59144	1928-43-4	2,4-D, 2-ethylhexyl ester
WITHER NON-SELECTIVE WEED KILLER	10807	204	40208	1928-43-4	2,4-D, 2-ethylhexyl ester
AGRISOLUTIONS 2,4-D LV4	1381	102	0	1928-43-4	2,4-D, 2-ethylhexyl ester
GREENVIEW BROADLEAF WEED CONTROL PLUS LAWN FOOD 27-0-4	961	415	0	1928-43-4	2,4-D, 2-ethylhexyl ester
GREEN CARE WEED & FEED 12-0-6	2217	884	59144	1928-43-4	2,4-D, 2-ethylhexyl ester
VIGORO WEED & FEED	2217	884	73327	1928-43-4	2,4-D, 2-ethylhexyl ester
VIGORO WEED & FEED FOR BAHIA & MIXED LAWNS 28-0-3	2217	884	73327	1928-43-4	2,4-D, 2-ethylhexyl ester
BONIDE DURATURF WEED & FEED 16-0-8	228	401	4	1928-43-4	2,4-D, 2-ethylhexyl ester
VIGORO FALL WEED & FEED 30-0-10	2217	884	73327	1928-43-4	2,4-D, 2-ethylhexyl ester
THE ANDERSONS PROFESSIONAL TURF PRODUCTS FERTILIZER WITH SURGE BROADLEAF HERBICIDE 16-0-9	2217	882	9198	1928-43-4	2,4-D, 2-ethylhexyl ester
STA-GREEN PHSPHORUS-FREE WINTERIZER WEED & FEED 22-0-11	2217	884	86793	1928-43-4	2,4-D, 2-ethylhexyl ester
STA-GREEN PHSPHORUS-FREE WEED & FEED 28-0-4	2217	884	86793	1928-43-4	2,4-D, 2-ethylhexyl ester
EH-1412 HERBICIDE	2217	878		1928-43-4	2,4-D, 2-ethylhexyl ester
PREEN LAWN STEP SAVER WEED CONTROL PLUS FERTILIZER 1 24-0-6	961	419	0	1928-43-4	2,4-D, 2-ethylhexyl ester
ACE GREEN TURF WEED AND FEED 30-0-4	961	415	0	1928-43-4	2,4-D, 2-ethylhexyl ester
PREEN LAWN WEED CONTROL PLUS CRABGRASS PREVENTER	2217	858	961	1928-43-4	2,4-D, 2-ethylhexyl ester
PENNINGTON WEED & FEED 29-0-5	2217	884	59144	1928-43-4	2,4-D, 2-ethylhexyl ester
LESCO MOMENTUM FORCE WEED & FEED 21-0-11	228	12	10404	1928-43-4	2,4-D, 2-ethylhexyl ester
FERTI-LOME WEED FREE ZONE READY TO SPRAY	2217	855	7401	1928-43-4	2,4-D, 2-ethylhexyl ester

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
MISTY REPCO KILL LF	10807	204	0	1928-43-4	2,4-D, 2-ethylhexyl ester
ORTHO WEED B GON SOUTHERN LAWNS CONCENTRATE	2217	910	239	1928-43-4	2,4-D, 2-ethylhexyl ester
PENNINGTON ULTRAGREEN WEED & FEED 30-0-4	2217	884	90098	1928-43-4	2,4-D, 2-ethylhexyl ester
GREENVIEW WEED & FEED WITH PREEN	961	415	0	1928-43-4	2,4-D, 2-ethylhexyl ester
VIGORO WEED & FEED 28-0-3	961	415	0	1928-43-4	2,4-D, 2-ethylhexyl ester
TURFGRO FERTILIZER WITH SURGE BROADLEAF HERBICIDE 15-0-5	2217	882	69759	1928-43-4	2,4-D, 2-ethylhexyl ester
TURFLON D	62719	67	0	1929-73-3	2,4-D, butoxyethyl ester
NAVIGATE	228	378	8959	1929-73-3	2,4-D, butoxyethyl ester
CROSSBOW L LOW VOLATILE WEED AND BRUSH HERBICIDE	62719	260	34704	1929-73-3	2,4-D, butoxyethyl ester
CANDOR™ HERBICIDE	228	565	0	1929-73-3	2,4-D, butoxyethyl ester
HIVOL-44	5481	509	0	94-11-1	2,4-D, isopropyl ester
SELECT WEED II	10088	5	9838	32341-80-3	2,4-D, triisopropanolamine salt
CURTAL HERBICIDE	62719	48	0	32341-80-3	2,4-D, triisopropanolamine salt
MONUMENT 75 WG HERBICIDE	100	1134	0	199119-58-9	2-Pyridinesulfonamide, N-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]-3-(2,2,2-trifluoroethoxy)-, monosodium salt, monohydrate
ENVOKE HERBICIDE	100	1132	0	199119-58-9	2-Pyridinesulfonamide, N-[[[(4,6-dimethoxy-2-pyrimidinyl)amino]carbonyl]-3-(2,2,2-trifluoroethoxy)-, monosodium salt, monohydrate
DUPONT HYVAR XL HERBICIDE	352	346	0	53404-19-6	5-Bromo-3-sec-butyl-6-methyluracil, lithium salt
WSA 6 WEED KILLER	48211	8	9838	53404-19-6	5-Bromo-3-sec-butyl-6-methyluracil, lithium salt
MISTY EX-IT CF	10807	207	0	53404-19-6	5-Bromo-3-sec-butyl-6-methyluracil, lithium salt
AQUA BROM HERBICIDE CONCENTRATE	10088	82	11547	53404-19-6	5-Bromo-3-sec-butyl-6-methyluracil, lithium salt
TOTAL SOLUTIONS BANISH	10088	118	68562	53404-19-6	5-Bromo-3-sec-butyl-6-methyluracil, lithium salt

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
SHARE AFTEREFFECT	10088	118	11547	53404-19-6	5-Bromo-3-sec-butyl-6-methyluracil, lithium salt
ACTIGARD 50 WG PLANT ACTIVATOR	100	922	0	135158-54-2	Acibenzolar-s-methyl
BLOCKADE 50WG PLANT ACTIVATOR	100	922	0	135158-54-2	Acibenzolar-s-methyl
BION 50WG PLANT ACTIVATOR	100	922	0	135158-54-2	Acibenzolar-s-methyl
XONERATE HERBICIDE	66330	46	0	129909-90-6	Amicarbazone
DUPONT APTEXOR MANUFACTURING CONCENTRATE	352	796	0	858956-08-8	Aminocyclopyrachlor
DUPONT APTEXOR TECHNICAL	352	782	0	858956-08-8	Aminocyclopyrachlor
DUPONT METHOD 50SG	352	787	0	858956-08-8	Aminocyclopyrachlor
DUPONT PERSPECTIVE HERBICIDE	352	846	0	858956-08-8	Aminocyclopyrachlor
DUPONT STREAMLINE HERBICIDE	352	848	0	858956-08-8	Aminocyclopyrachlor
PURSUIT HERBICIDE	241	310	0	101917-66-2	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid
THUNDER	42750	146	0	101917-66-2	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid
AATREX 4L HERBICIDE	100	497	0	1912-24-9	Atrazine
AATREX NINE-O HERBICIDE	100	585	0	1912-24-9	Atrazine
DREXEL ATRAZINE 4L HERBICIDE	19713	11	0	1912-24-9	Atrazine
ATRAZINE 4L HERBICIDE	34704	69	0	1912-24-9	Atrazine
ATRIZINE 90 WDG HERBICIDE	34704	622	0	1912-24-9	Atrazine
IMAGE HERBICIDE FOR ST AUGUSTINEGRASS AND CENTIPEDEGRASS	19713	567	73342	1912-24-9	Atrazine
DREXEL ATRA - 5 HERBICIDE	19713	80	0	1912-24-9	Atrazine
ATRAZINE 4L HERBICIDE	100	497	72693	1912-24-9	Atrazine
AGRSOLUTIONS ATRAZINE 4L	1381	158	0	1912-24-9	Atrazine
IMAGE HERBICIDE FOR ST. AUGUSTINEGRASS AND CENTIPEDEGRASS READY TO SPRAY	19713	567	73342	1912-24-9	Atrazine
LUMAX SELECTIVE HERBICIDE	100	1152	0	1912-24-9	Atrazine
ATRAZINE 90DF HERBICIDE	19713	76	0	1912-24-9	Atrazine
CALLISTO ® XTRA HERBICIDE	100	1359	0	1912-24-9	Atrazine
SLIDER ATZ	34704	1041	0	1912-24-9	Atrazine

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

<i>Brand Name</i>	<i>EPA1</i>	<i>EPA2</i>	<i>EPA3</i>	<i>CAS NUMBER</i>	<i>ACTIVE INGREDIENT</i>
SLIDER ATZ LITE	34704	1042	0	1912-24-9	Atrazine
MANA ATRAZINE 90DF HERBICIDE	66222	229	0	1912-24-9	Atrazine
MANA ATRAZINE 90DF HERBICIDE	66222	229	0	1912-24-9	Atrazine
ATRAZINE 4L HERBICIDE	66222	36	0	1912-24-9	Atrazine
HERITAGE FUNGICIDE	100	1093	0	131860-33-8	Azoxystrobin
ABOUND FLOWABLE FUNGICIDE	100	1098	0	131860-33-8	Azoxystrobin
QUADRI FLOWABLE FUNGICIDE	100	1098	0	131860-33-8	Azoxystrobin
DYNASTY	100	1159	0	131860-33-8	Azoxystrobin
QUILT FUNGICIDE	100	1178	0	131860-33-8	Azoxystrobin
QUADRI OPTI FUNGICIDE	100	1171	0	131860-33-8	Azoxystrobin
HERITAGE TL	100	1191	0	131860-33-8	Azoxystrobin
DYNASTY CST FUNGICIDE	100	1177	0	131860-33-8	Azoxystrobin
AZOXYSTROBIN DRY TECHNICAL MANUFACTURING USE CONCENTRATE FUNGICIDE	100	1120	0	131860-33-8	Azoxystrobin
HEADWAY FUNGICIDE	100	1216	0	131860-33-8	Azoxystrobin
AZO-SHIELD FOR INDUSTRIAL USE ONLY	100	1229	0	131860-33-8	Azoxystrobin
ORTHO DISEASE CONTROL PRO	100	1191	0	131860-33-8	Azoxystrobin
HIGHWAY	100	1216	0	131860-33-8	Azoxystrobin
AZOTECH	100	1258	0	131860-33-8	Azoxystrobin
MAXIDE PROFESSIONAL GRADE SUAL ACTION DESEASE KILLER	100	1275	85579	131860-33-8	Azoxystrobin
HERITAGE G FUNGICIDE	100	1323	0	131860-33-8	Azoxystrobin
QUILT XCEL FUNGICIDE	100	1324	0	131860-33-8	Azoxystrobin
OPTISHIELD WB	100	1292	0	131860-33-8	Azoxystrobin
AVARIS TRI-ACTIVE PLANT DEFENSE FUNGICIDE	100	1178	5905	131860-33-8	Azoxystrobin
MAXIDE DUAL ACTION DISEASE KILLER	100	1275	85579	131860-33-8	Azoxystrobin
UNIFORM FUNGICIDE	100	1187	0	131860-33-8	Azoxystrobin
HEADWAY G FUNGICIDE	100	1378	0	131860-33-8	Azoxystrobin
CARAVAN G INSECTICIDE	100	1415	0	131860-33-8	Azoxystrobin
BRISKWAY FUNGICIDE	100	1433	0	131860-33-8	Azoxystrobin
STADIUM FUNGICIDE	100	1453	0	131860-33-8	Azoxystrobin
OPTILL X POWERED BY KIXOR HERBICIDE	7969	280	0	372137-35-4	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-
SHARPEN X POWERED BY KIXOR HERBICIDE	7969	278	0	372137-35-4	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-

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<i>Brand Name</i>	<i>EPA1</i>	<i>EPA2</i>	<i>EPA3</i>	<i>CAS NUMBER</i>	<i>ACTIVE INGREDIENT</i>
					4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-
TREEVIX POWERED BY KIXOR HERBICIDE	7969	276	0	372137-35-4	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-
VERDICT POWERED BY KIXOR HERBICIDE	7969	279	0	372137-35-4	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-
OPTILL PRO POWERED BY KIXOR HERBICIDE	7969	332	0	372137-35-4	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-
DETAIL POWERED BY KIXOR HERBICIDE	7969	297	0	372137-35-4	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-
CLARITY HERBICIDE	7969	137	0	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
VANQUISH HERBICIDE	100	884	0	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
VANQUISH HERBICIDE	228	397	0	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
AGRSOLUTIONS STERLING BLUE HERBICIDE	7969	137	1381	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
STRUT HERBICIDE	34704	1043	0	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
DETONATE HERBICIDE	7969	137	55467	104040-79-1	Benzoic acid, 3,6-dichloro-2-

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
					methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
AGRISOLUTIONS STERLING BLUE HERBICIDE	42750	209	1381	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
CLASH SELECTIVE HERBICIDE	228	615	0	104040-79-1	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)
LESCO THREE WAY SELECTIVE (069372)	10404	43	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC SOUTHERN BROADLEAF HERBICIDE - SOUTHERN	2217	655	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC LAWN WEED KILLER	2217	539	33955	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BONIDE WEED BEATER LAWN WEED KILLER CONCENTRATE	2217	539	4	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
WEED SHOT LAWN WEED KILLER RTU	2217	537	40849	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
FERTI-LOME WEED-OUT BROADLEAF WEED CONTROL	2217	657	7401	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
FERTI-LOME WEED-OUT LAWN WEED KILLER	2217	597	7401	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
FERTI-LOME WEED-OUT LAWN WEED KILLER RTU	2217	537	7404	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ACE DILUTABLE CONCENTRATE LAWN WEED KILLER	478	121	9688	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ACE SPOT WEED KILLER 2	9688	109	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
DIABLO HERBICIDE	228	379	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ENFORCER POISON IVY & OAK KILLER READY TO USE	2217	537	40849	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
RIFLE-D HERBICIDE	34704	869	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
DO IT BEST SPOT WEED KILLER READY-TO-USE	2217	537	75111	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
LESCO ELIMINATE-D BROADLEAF HERBICIDE	10404	44	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
Q4 TURF HERBICIDE FOR GRASSY & BROADLEAF WEEDS	2217	886	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BAYER ADVANCED SOUTHERN WEED KILLER FOR LAWNS CONCENTRATE	72155	4	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BAYER ADVANCED SOUTHERN WEED KILLER FOR LAWNS READY-TO-SPRAY	72155	4	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BANVEL HERBICIDE	66330	276	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
MEC AMINE-D	34704	239	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ORTHO WEED B GON MAX PLUS CRABGRASS CONTROLCONCENTRATE	2217	896	239	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ORTHO WEED B GON MAX PLUS CRABGRASS CONTROL READY SPRAY	2217	896	239	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ORTHO WEED B GON MAX CONCENTRATE PLUS CRABGRASS CONTROL SINGLES	2217	896	239	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
RIFLE HERBICIDE	34704	861	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
AGRISOLUTIONS BRASH	1381	202	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
AGRISOLUTIONS STRIKE 3	14774	2	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BAYER ADVANCED ALL-IN-ONE LAWN WEED & CRABGREAA	72155	86	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
KILLER CONCENTRATE					methylmethanamine (1:1)
BAYER ADVANCED ALL-IN-ONE LAWN WEED & CRABGRASS KILLER READY-TO-USE	72155	85	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED & GRASS KILLER CONCENTRATE 2	9688	265	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED STOP FOR LAWNS PLUS CRABGRASS KILLER CONCENTRATE	9688	268	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BAYER ADVANCED ALL-IN ONE LAWN WEED & CRABGRASS KILLER I READY-TO-SPRAY	72155	86	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
CRUISE CONTROL	81927	27	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED STOP FOR LAWNS	9688	109	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED STOP FOR LAWNS CONCENTRATE	478	121	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
FERTI-LOME WEED OUT WITH Q	2217	896	7401	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
FERTI-LOME WEED OUT WITH Q READY TO SPRAY	2217	896	7401	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC CRABGRASS PLUS LAWN WEED KILLER CONCENTRATE	2217	896	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC CRABGRASS PLUS LAWN WEED KILLER READY TO SPRAY	2217	896	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GROUNDWORK CONCENTRATE CRABGRASS BROADLEAF WEED KILLER	2217	896	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC CRABGRASS PLUS LAWN WEED KILLER READY- TO-USE	2217	906	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
AGRI STAR RANGE STAR	42750	55	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BAYER ADVANCED WEED KILL FOR	72155	4	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-

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Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
LAWNS READY-TO-SPRAY					methoxy-, compd with N-methylmethanamine (1:1)
BAYER ADVANCED WEED KILLER FOR LAWNS CONCENTRATE	72155	4	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
Q 4 PLUS TURF HERBICIDE FOR GRASSY & BROADLEAF WEEDS	2217	930	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SCOTTS TOUCH UP WEED CONTROL FOR LAWN	239	2689	538	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
FORTIFY WEED CONTROL GRANULES FOR LAWNS	2217	657	9198	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BONIDE WEED BEATER PLUS CRABGRASS & BROADLEAF WEED KILLER READY TO USE	2217	906	4	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BONIDE POISON IVY & BRUSH KILLER BK-32 CONCENTRATE	228	334	4	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC 1000 LOW ODOR BROADLEAF HERBICIDE	2217	931	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED & GRASS KILLER WITH EXTENDED CONTROL CONCENTRATE	9688	259	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED & GRASS KILLER WITH EXTENDED CONTROL	9688	264	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
LILLY MILLER ULTRAGREEN WEED & FEED WITH TRIMEC HERBICIDE 28-2-3	2217	559	33116	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
HJE ALL-SEASON WEED & FEED WITH TRIAMINE 10-6-4	228	179	32802	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
LIBERATOR 531 BROADLEAF HERBICIDE	3862	145	13051	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ORACLE DICAMBA AGRICULTURAL HERBICIDE	33658	30	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
QUALI-PRO 3-D HERBICIDE	66222	225	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)

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Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
ORTHO WEED B GON WEED KILLER FOR LAWNS	239	2682	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ORTHO WEED B GON WEED KILLER FOR LAWNS READY-TO-SPRAY	228	424	239	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
SPECTRACIDE WEED STOP FOR LAWNS	228	190	8845	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ACETO 2,4-DB200 HERBICIDE	2749	516	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
EXPERT GARDENER LIQUID WEED & FEED 15-0-0	2217	741	59144	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
BONIDE LIQUID WEED & FEED 20-0-0	2217	752	4	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
MORGRO WEEDIT II	2217	536	42057	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
MORGRO VELVAGREEN WEED & FEED 20-2-2 LAWN FOOD PLUS HERBICIDE	2217	697	42057	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
ORTHO WEED B GON PRO SOUTHERN	228	262	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
DICAMBA DMA SALT	42750	40	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
MORGRO PREMIUM 2 IN 1 WEED & FEED 25-10-5	2217	559	42057	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS HI-DEP BROADLEAF HERBICIDE	2217	703	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
LESCO WEED & FEED 18-2-3	228	281	10404	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
STRIKE 3	14774	2	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)
GORDONS TRIMEC WEED KILLER TANKABLES	2217	694	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-

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Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
					methylnmethanamine (1:1)
GORDONS PASTURE PRO WEED & BRUSH KILLER TANKABLES	2217	703	0	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylnmethanamine (1:1)
GREEN THUMB READY TO SPRAY LAWN WEED KILLER	2217	540	85925	2300-66-5	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylnmethanamine (1:1)
HI-YIELD KILL-A-GRUB PLUS LAWN FERTILIZER	62719	474	7401	112226-61-6	Benzoic acid, 4-chloro-, 2-benzoyl-2-(1,1-dimethylethyl)hydrazide
NATURAL GUARD GRUB CONTROL	62719	490	7401	112226-61-6	Benzoic acid, 4-chloro-, 2-benzoyl-2-(1,1-dimethylethyl)hydrazide
MISTY EX-IT EMULSIFIABLE CONCENTRATE	10807	144	0	314-40-9	Bromacil
VEGETATION CONTROL WITH 2,4-D	10088	68	11547	314-40-9	Bromacil
ZEP FORMULA 777-E.C. WEED KILLER	1270	113	0	314-40-9	Bromacil
DUPONT HYVAR X HERBICIDE	352	287	0	314-40-9	Bromacil
D.T.W. DEATH TO WEEDS	44446	61	9838	314-40-9	Bromacil
TOP DOWN WEED KILLER SPRAY	44446	61	66114	314-40-9	Bromacil
OPTI-KILL NON-SELECTIVE WEED KILLER	1769	159	66114	314-40-9	Bromacil
BARREN NON-SELECTIVE HERBICIDE	10088	68	68562	314-40-9	Bromacil
WEED AND BRUSH KILLER UNITED 85	10088	68	9250	314-40-9	Bromacil
GRANULAR WEED CONTROL	10088	76	11547	314-40-9	Bromacil
MISTY 2 PLUS 2	10807	149	0	314-40-9	Bromacil
TOTAL SOLUTIONS WEED EASY	10088	76	68562	314-40-9	Bromacil
VEGETATION CONTROL W/2, 4-D SPRAY	44446	61	11547	314-40-9	Bromacil
BROMACIL 80	81927	4	0	314-40-9	Bromacil
DOOM WEED KILLER SPRAY	44446	61	0	314-40-9	Bromacil
LIBERATOR 600	3862	143	13051	314-40-9	Bromacil
ZEP CONCENTRATED WEED KILLER AND SOIL STERILANT	1270	113	0	314-40-9	Bromacil
WEED BLAST 8-G WEED KILLER	34913	20	0	314-40-9	Bromacil
WILLOWOOD BROMACIL 80DF	87290	27	0	314-40-9	Bromacil
WILLOWOOD DIURON / BROMACIL 80DF	87290	31	0	314-40-9	Bromacil
DOUBLE TIME GRANULAR WEED	10807	149	9838	314-40-9	Bromacil

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
KILLER					
ENFORCER ROOTS & ALL PLUS 35 CONCENTRATE	10807	144	40849	314-40-9	Bromacil
DREXEL CARBARYL 4L	19713	49	0	63-25-2	Carbaryl
SEVIN 5 BAIT	2935	366	0	63-25-2	Carbaryl
GARDENTECH SEVIN CONCENTRATE BUG KILLER	264	334	71004	63-25-2	Carbaryl
GARDENTECH SEVIN READY-TO-SPRAY BUG KILLER	264	334	1004	63-25-2	Carbaryl
GARDEN TECH SEVIN READY-TO-USE	432	1211	71004	63-25-2	Carbaryl
GARDEN TECH SEVIN-5 READY TO USE 5% DUST	432	1209	71004	63-25-2	Carbaryl
FERTI-LOME LIQUID CARBARYL GARDEN SPRAY	7401	38	0	63-25-2	Carbaryl
GARDENTECH SEVIN LAWN INSECT GRANULES	432	1212	71004	63-25-2	Carbaryl
SEVIN 80 WSP CARBARYL INSECTICIDE	432	1226	0	63-25-2	Carbaryl
SEVIN SL CARBARYL INSECTICIDE	432	1227	0	63-25-2	Carbaryl
LILLY MILLER GRASSHOPPER, EARWIG, CUTWORM & SOWBUG BAIT	802	493	0	63-25-2	Carbaryl
SEVIN BRAND 4F CARBARYL INSECTICIDE	264	349	0	63-25-2	Carbaryl
SEVIN BRAND RP4 CARBARYL INSECTICIDE	264	335	0	63-25-2	Carbaryl
SEVIN BRAND XLR PLUS CARBARYL INSECTICIDE	264	333	0	63-25-2	Carbaryl
CORRYS INSECT KILLER	8119	5	0	63-25-2	Carbaryl
CORRYS BUG BAIT	8119	5	0	63-25-2	Carbaryl
PROKOZ SEVIN SL	432	1227	72112	63-25-2	Carbaryl
CARBARYL 4L INSECTICIDE	34704	447	0	63-25-2	Carbaryl
LILLY MILLER EARWIG & SOWBUG BAIT	802	493	0	63-25-2	Carbaryl
BAYER ADVANCED COMPLETE INSECT KILLER FOR GARDENS--READY-TO-USE	432	1211	72155	63-25-2	Carbaryl
DEADLINE BUG BAIT	8119	5	0	63-25-2	Carbaryl
APICIDE	36272	14	0	63-25-2	Carbaryl
COOKE PEST GRANULES	8119	5	33116	63-25-2	Carbaryl
FORTIFY ABOVE & BELOW INSECT & GRUB CONTROL	9198	234	0	63-25-2	Carbaryl

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Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
LESCO SEVIN BRAND SL CARBARYL INSECTICIDE	432	1227	10404	63-25-2	Carbaryl
ADAMS FLEA COLLAR FOR DOGS	2724	273	270	63-25-2	Carbaryl
HI-YIELD GARDEN DUST FOR OUTDOOR HOMEOWNERS USE	7401	69	0	63-25-2	Carbaryl
ANDERSON GOLF PRODUCTS DUOCIDE INSECT CONTROL	9198	233	0	63-25-2	Carbaryl
FIRST CHOICE CARBARYL CUTWORM BAIT	34704	1021	0	63-25-2	Carbaryl
GARDENTECH SEVIN GARDEN BUG KILLER & HOME PERIMETER GRANULES	432	1212	71004	63-25-2	Carbaryl
CARBARYL CUTWORM BAIT	34704	1021	0	63-25-2	Carbaryl
2% SEVIN BAIT	2935	556	0	63-25-2	Carbaryl
THE ANDERSONS PROFESSIONAL TURF PRODUCTS 8% GRANULAR INSECTICIDE WITH CARBARYL	9198	146	0	63-25-2	Carbaryl
SEVIN XLR PLUS	61842	37	0	63-25-2	Carbaryl
SEVIN 4F	61842	38	0	63-25-2	Carbaryl
ORTHO BUG-GETA PLUS SNAIL,SLUG & INSECT KILLER	239	2514	0	63-25-2	Carbaryl
AIM EC HERBICIDE (AZ-130003)	279	3241	0	128639-02-1	Carfentrazone-ethyl
QUICKSILVER T&O HERBICIDE	279	3265	0	128639-02-1	Carfentrazone-ethyl
QUICKSILVER IVM HERBICIDE	279	3272	0	128639-02-1	Carfentrazone-ethyl
STINGRAY AQUATIC HERBICIDE	279	3279	0	128639-02-1	Carfentrazone-ethyl
SQUAREONE HERBICIDE	279	3419	0	128639-02-1	Carfentrazone-ethyl
DISPLAY COTTON HARVEST AID	279	9558	0	128639-02-1	Carfentrazone-ethyl
DUPONT ACELEPRYN INSECTICIDE	352	731	0	50008-15-1	Chlorantraniliprole
DUPONT ALTACOR INSECT CONTROL	352	730	0	50008-15-1	Chlorantraniliprole
DUPONT CORAGEN INSECT CONTROL	352	729	0	50008-15-1	Chlorantraniliprole
DUPONT RYNAXYPYR TECHNICAL	352	728	0	50008-15-1	Chlorantraniliprole
DURIVO	100	1318	0	50008-15-1	Chlorantraniliprole
VOLIAM FLEXI INSECTICIDE	100	1319	0	50008-15-1	Chlorantraniliprole
DUPONT ACELEPRYN GRANULAR INSECTICIDE	352	772	0	50008-15-1	Chlorantraniliprole
DEPONT CALTERYX MANUFACTURING CONCENTRATE	352	771	0	50008-15-1	Chlorantraniliprole
GRUBEX 1	538	306	0	50008-15-1	Chlorantraniliprole
SCOTTS FERTILIZER 0-0-7 WITH GRUBEX PLUS	538	311	0	50008-15-1	Chlorantraniliprole
SCOTTS FERTILIZER 22-0-8 WITH	538	311	0	50008-15-1	Chlorantraniliprole

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Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
GRUBEX PLUS					
DUPONT™ ALTRISSET™ TERMITICIDE	352	829	0	50008-15-1	Chlorantraniliprole
DUPONT CALTERYX 35% MANUFACTURING CONCENTRATE	352	745	0	50008-15-1	Chlorantraniliprole
SCOTTS SNAP PAC GRUBEX	538	306	0	50008-15-1	Chlorantraniliprole
SCOTTS FERTILIZER 14-0-5 WITH GRUBEX PLUS FERTILIZER PLUS INSECTICIDE	538	311	0	50008-15-1	Chlorantraniliprole
ACELEPRYN G	100	1500	0	50008-15-1	Chlorantraniliprole
ACELEPRYN	100	1489	0	50008-15-1	Chlorantraniliprole
CHLORANTRANILIPROLE TECHNICAL	352	728	0	50008-15-1	Chlorantraniliprole
ALTRISSET TERMITICIDE	100	1503	0	50008-15-1	Chlorantraniliprole
PYLON MITICIDE-INSECTICIDE	241	374	0	122453-73-0	Chlorfenapyr
PHANTOM TERMITICIDE INSECTICIDE	241	392	0	122453-73-0	Chlorfenapyr
PRESCRIPTION TREATMENT PHANTOM PRESSURIZED INSECTICIDE	7969	285	0	122453-73-0	Chlorfenapyr
PYLON TR TOTAL RELEASE INSECTICIDE	499	544	0	122453-73-0	Chlorfenapyr
PT PHANTOM II PRESSURIZED INSECTICIDE	499	548	0	122453-73-0	Chlorfenapyr
LONTREL TURF AND ORNAMENTAL	62719	305	0	1702-17-6	Clopyralid
WITNESS HERBICIDE	62719	512	0	1702-17-6	Clopyralid
DORMEX (TROSTBERG)	54555	2	0	420-04-2	Cyanamide
DORMEX (AG)	54555	2	0	420-04-2	Cyanamide
TIBERON SC ORNAMENTAL GROWTH REGULATOR	432	1476	0	113136-77-9	Cyclanilide
CYCLANILIDE 18% SC	264	1166	0	113136-77-9	Cyclanilide
ZEP HITMAN DM INSECTICIDE	1270	256	0	52918-63-5	Deltamethrin
TERRO ANT DUST	149	12	0	52918-63-5	Deltamethrin
TERRO FIRE ANT KILLER	149	12	0	52918-63-5	Deltamethrin
TERRO (R) TERMITE & CARPENTER ANT KILLER READY-TO-USE	149	13	0	52918-63-5	Deltamethrin
BONIDE TERMITE & CARPENTER ANT READY TO USE	4	440	0	52918-63-5	Deltamethrin
ENFORCER HOME PEST CONTROL XII	73049	185	40849	52918-63-5	Deltamethrin
BUG-JUICE PAINT ADDITIVE	47332	11	0	52918-63-5	Deltamethrin
RAID MAX ROACH KILLER 7	4822	518	0	52918-63-5	Deltamethrin

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
HI-YIELD KILL-A-BUG II INDOOR/ OUTDOOR SPRAY	7401	458	0	52918-63-5	Deltamethrin
GREEN LIGHT MANY PURPOSE DUST	869	237	0	52918-63-5	Deltamethrin
GREEN LIGHT ROACH, ANT & SPIDER CONTROL	869	236	0	52918-63-5	Deltamethrin
GREEN LIGHT HOUSE & YARD INSECT CONTROL	869	236	0	52918-63-5	Deltamethrin
CHAMPION SPRAYON FIRE ANT AND CRAWLING INSECT KILLER DUST	498	195	0	52918-63-5	Deltamethrin
SUSPEND SC INSECTICIDE	432	763	0	52918-63-5	Deltamethrin
DELTADUST INSECTICIDE	432	772	0	52918-63-5	Deltamethrin
DELTAGARD G INSECTICIDE GRANULE	432	836	0	52918-63-5	Deltamethrin
DELTAGARD GC 5 SC INSECTICIDE	432	835	0	52918-63-5	Deltamethrin
DELTAGARD GC GRANULAR INSECTICIDE	432	837	0	52918-63-5	Deltamethrin
DELTAGARD T&O 5SC INSECTICIDE	432	834	0	52918-63-5	Deltamethrin
DELTAGARD T&O GRANULAR INSECTICIDE	432	836	0	52918-63-5	Deltamethrin
BASIC SOLUTIONS FIRE ANT KILLER GRANULES	4	422	239	52918-63-5	Deltamethrin
EAGLES-7 FIRE ANT DESTROYER	3487	29	0	52918-63-5	Deltamethrin
HI-YIELD TURF RANGER INSECT CONTROL GRANULES CONTAINING DELTAMETHRIN	7401	454	0	52918-63-5	Deltamethrin
BENGAL ULTRADUST 2X FIRE ANT KILLER	68543	26	0	52918-63-5	Deltamethrin
BAYER ADVANCED POWER FORCE CARPENTER ANT & TERMITE KILLER PLUS READY TO USE	73049	185	72155	52918-63-5	Deltamethrin
HI-YIELD IMPORTED FIRE ANT CONTROL GRANULES CONTAINING DELTAMETHRIN	7401	454	0	52918-63-5	Deltamethrin
ENFORCER BUGMAX 240 8 MONTH HOME PEST CONTROL	73049	71	40849	52918-63-5	Deltamethrin
ENFORCER BUGMAX INSECT KILLER CONCENTRATE	73049	402	40849	52918-63-5	Deltamethrin
ZEP INSECT POWDER	73049	71	1270	52918-63-5	Deltamethrin
BUG-JUICE WHITE INSECTICIDE FLAT LATEX PAINT READY TO USE	47332	12	0	52918-63-5	Deltamethrin
BAYER CROPS SCIENCE STORCIDE II	264	992	0	52918-63-5	Deltamethrin

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
GRAIN BIN AND WAREHOUSE INSECTICIDE					
ORTHO BASIC SOLUTIONS FIRE ANT KILLER 1 GRANULES	239	2693	0	52918-63-5	Deltamethrin
BATTALION 0.2 EC	264	1007	66330	52918-63-5	Deltamethrin
BONIDE TERMITE & CARPENTER ANT DUST READY TO USE	4	441	0	52918-63-5	Deltamethrin
DECIS 1.5 EC INSECTICIDE	264	1011	0	52918-63-5	Deltamethrin
JT EATON KILLS BED BUGS II	45385	97	56	52918-63-5	Deltamethrin
BAYER ADVANCED CARPENTER ANT & TERMITE KILLER PLUS	73049	185	72155	52918-63-5	Deltamethrin
SPECTRACIDE COMMERCIAL WASP & HORNET KILLER 3	9688	255	8845	52918-63-5	Deltamethrin
SPECTRACIDE BUG STOP FLYING & CRAWLING INSECT KILLER	9688	256	8845	52918-63-5	Deltamethrin
AMDR0 ANTBLOCK HOME PERIMETER ANT SPRAY READY TO USE	71376	3	73342	52918-63-5	Deltamethrin
BONIDE TERMITE & CARPENTER ANT KILLER HOUSE GUARD	4	461	0	52918-63-5	Deltamethrin
SPIDER KILLER	4	461	0	52918-63-5	Deltamethrin
DELTA EIGHT INSECT CONTROL	4	422	0	52918-63-5	Deltamethrin
ZEP INSECTICIDE WITH RESIDUAL ACTION	1270	256	0	52918-63-5	Deltamethrin
ENFORCER BUGMAX HOME PEST CONTROL	40849	80	0	52918-63-5	Deltamethrin
HI-YIELD KILL-A-BUG II DUST	7401	452	0	52918-63-5	Deltamethrin
BONIDE ANT, ROACH & SPIDER KILLER	4	461	0	52918-63-5	Deltamethrin
BATTALION 1.5EC INSECTICIDE	66330	374	0	52918-63-5	Deltamethrin
RAID MAX BUG BARRIER	4822	561	0	52918-63-5	Deltamethrin
BUGGSLAYER INSECTICIDE	67867	6	0	52918-63-5	Deltamethrin
TAT HOME INSECT CONTROL	79529	30	506	52918-63-5	Deltamethrin
BLACK FLAG EXTREME HOME INSECT CONTROL	79529	30	0	52918-63-5	Deltamethrin
BLACK FLAG HOME INSECT CONTROL	79529	30	0	52918-63-5	Deltamethrin
BLACK FLAG EXTREME HOME INSECT CONTROL CONCENTRATE	79529	31	0	52918-63-5	Deltamethrin
BLACK FLAG HOME INSECT CONTROL CONCENTRATE	79529	31	0	52918-63-5	Deltamethrin
HARRIS HOME PEST CONTROL	3	11	0	52918-63-5	Deltamethrin
SPECTRACIDE CARPENTER ANT &	73049	187	8845	52918-63-5	Deltamethrin

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
CARPENTER BEE KILLER					
D-FENSE SC INSECTICIDE	53883	276	0	52918-63-5	Deltamethrin
D-FENSE DUST INSECTICIDE	53883	283	0	52918-63-5	Deltamethrin
TERRO STINK BUG KILLER READY-TO-USE SPRAY	149	13	0	52918-63-5	Deltamethrin
GREEN LIGHT HOUSE & YARD INSECT CONTROL	85827	7	0	52918-63-5	Deltamethrin
GREEN LIGHT MANY PURPOSE DUST	85827	8	0	52918-63-5	Deltamethrin
BONIDE SPIDER KILLER READY TO USE	4	440	0	52918-63-5	Deltamethrin
SUSPEND POLYZONE	432	1514	0	52918-63-5	Deltamethrin
GREEN LIGHT ROACH, ANT & KILLER SPIDER CONTROL	85827	7	0	52918-63-5	Deltamethrin
TERRO HOME INSECT KILLER	149	20	0	52918-63-5	Deltamethrin
BLACK FLAG COMMERCIAL WASP, HORNET & YELLOW JACKET	9688	255	0	52918-63-5	Deltamethrin
ENFORCER BED BUG & FLEA KILLER	40849	80	0	52918-63-5	Deltamethrin
D-FORCE INSECTICIDE	279	9554	0	52918-63-5	Deltamethrin
BLACK FLAG HOME INSECT CONTROL 2	9688	301	0	52918-63-5	Deltamethrin
BLACK FLAG EXTREME HOME INSECT CONTROL CONCENTRATE 2	9688	302	0	52918-63-5	Deltamethrin
BLACK FLAG EXTREME HOME INSECT CONTROL 2	9688	301	0	52918-63-5	Deltamethrin
BLACK FLAG HOME INSECT CONTROL CONCENTRATE 2	9688	302	0	52918-63-5	Deltamethrin
ENFORCER STINK BUG KILLER READY-TO-USE	40849	80	0	52918-63-5	Deltamethrin
D-FOAM INSECTICIDE	279	3443	0	52918-63-5	Deltamethrin
CENTYNAL INSECTICIDE	53883	276	2724	52918-63-5	Deltamethrin
SPECTRACIDE STINK BUG KILLER	9688	301	8845	52918-63-5	Deltamethrin
REVENGE ANT KILLER DUST	4	441	0	52918-63-5	Deltamethrin
HARRIS HOME PEST SCORPION KILLER	3	11	0	52918-63-5	Deltamethrin
PAINT PLUS PAINT ADDITIVE INSECTICIDE	53883	276	69587	52918-63-5	Deltamethrin
HARRIS HOME PEST CONTROL BED BUG KILLER	3	11	0	52918-63-5	Deltamethrin
ANNIHILATOR INSECTICIDE PREMISE SPRAY	11556	180	0	52918-63-5	Deltamethrin

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
ANNIHILATOR POLYZONE	11556	183	0	52918-63-5	Deltamethrin
HARRIS HOME PEST CONTROL SPIDER KILLER	3	11	0	52918-63-5	Deltamethrin
GREEN LIGHT MANY PURPOSE DUST 1	73327	14	0	52918-63-5	Deltamethrin
HARRIS HOME PEST CONTROL FLEA & TICK KILLER	3	11	0	52918-63-5	Deltamethrin
HARRIS HOME PEST CONTROL ROACH KILLER	3	11	0	52918-63-5	Deltamethrin
RAID MAX BUG BARRIER DEFENSE MARKER	4822	597	0	52918-63-5	Deltamethrin
BONIDE HOUSEHOLD INSECT CONTROL READY TO USE	4	440	0	52918-63-5	Deltamethrin
GREENTHUMB READY TO USE HOME INSECT CONTROL	4	440	85925	52918-63-5	Deltamethrin
PHEN-DES 8+8 HERBICIDE	264	621	70506	13684-56-5	Desmedipham
ALPHANEX HERBICIDE	264	620	70506	13684-56-5	Desmedipham
GORDONS SpeedZone BROADLEAF HERBICIDE FOR TURF	2217	833	0	1918-00-9	Dicamba
ACE GREEN TURF WEED AND FEED 29-3-3	2217	819	9688	1918-00-9	Dicamba
TRIMEC(R) DMB # 2 S.I.	2217	851	0	1918-00-9	Dicamba
FERTI-LOME WEED FREE ZONE	2217	855	7401	1918-00-9	Dicamba
ACE GREEN TURF WINTERIZER WEED & FEED 24-3-12	2217	819	9688	1918-00-9	Dicamba
BEST ONE-SHOT TURF SUPREME 16-6-8 WITH TRIMEC HERBICIDE AND DIMENSION	2217	856	7001	1918-00-9	Dicamba
FERTI-LOME READY -TO-USE WEED FREE ZONE	2217	865	7401	1918-00-9	Dicamba
PREEN LAWN FALL WEED CONTROL PLUS FERTILIZER	2217	660	961	1918-00-9	Dicamba
PREEN LAWN STEP SAVER WEED CONTROL PLUS FERTILIZER	2217	859	961	1918-00-9	Dicamba
GHARDA CHEMICALS LIMITED ORACLE DICAMBA AGRICULTURAL HERBICIDE	33658	14	0	1918-00-9	Dicamba
BONIDE WEED BEATER ULTRA CONCENTRATE	2217	863	4	1918-00-9	Dicamba
BONIDE WEED BEATER ULTRA READY TO USE	2217	865	4	1918-00-9	Dicamba
FERTI-LOME PROFESSIONAL TURF WEED-OUT L;AWN FERTILIZER	2217	856	7401	1918-00-9	Dicamba

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Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
PLUS CRABGRASS PREVENTER					
FERTILOME WEED FREE ZONE CONTAINING LAWN FERTILIZER	2217	883	7401	1918-00-9	Dicamba
LEBANON TURF PROSCAPE MESA TRIMEC/DIMENSION 19-0-6	2217	859	961	1918-00-9	Dicamba
TWIN PINE 25-3-4 LAZOR WEED & FEED	228	432	8378	1918-00-9	Dicamba
BONIDE WEED BEATER ULTRA READY-TO SPRAY	2217	863	4	1918-00-9	Dicamba
TRUPOWER 3 SELECTIVE HERBICIDE	228	551	0	1918-00-9	Dicamba
ONETIME HERBICIDE	7969	267	0	1918-00-9	Dicamba
WEEDMASTER HERBICIDE	71368	34	0	1918-00-9	Dicamba
HOWARD JOHNSONS PREMIUM FERILIZER FALL WEED AND FEED PHOPHATE-FREE FERTILIZER	2217	883	32802	1918-00-9	Dicamba
PENNINGTON SIGNATURE SERIES WEED & FEED	2217	884	59144	1918-00-9	Dicamba
4-SPEED SELECTIVE HERBICIDE	228	589	0	1918-00-9	Dicamba
4-SPEED XT SELECTIVE HERBICIDE	228	590	0	1918-00-9	Dicamba
CLEAR CHOICE	69526	12	0	1918-00-9	Dicamba
T-ZONE BROADLEAF HERBICIDE FOR TOUGH WEEDS	2217	920	0	1918-00-9	Dicamba
VIGORO ULTRA TURF PHOPORUS- FREE WEED & FEED 28-0-3	2217	884	73327	1918-00-9	Dicamba
VIGORO SUPER GREEN LAWN FERTILIZER PLUS X-TENDED WEED CONTROL	2217	856	73327	1918-00-9	Dicamba
PENNINGTON SIGNATURE SERIES WINTERIZER WEED & FEED 22-0- 11	2217	884	59144	1918-00-9	Dicamba
HJE ALL-SEASON WEED & FEED WITH LAZER 18-0-3	228	432	32802	1918-00-9	Dicamba
PREMIUM WEED & FEED 30-0-3	2217	884	8378	1918-00-9	Dicamba
GREEN THUMB LAWN WEED KILLER CONCENTRATE	228	554	85925	1918-00-9	Dicamba
GRO-FINE ECONOMY WEED & FEED 11-0-7	2217	884	8378	1918-00-9	Dicamba
PROGENCY HERBICIDE	228	395	0	1918-00-9	Dicamba
E-2 HERBICIDE	228	442	0	1918-00-9	Dicamba
BRUSH-RHAP	5905	568	0	1918-00-9	Dicamba
LESCO REDZONE™ 2 HERBICIDE	228	589	0	1918-00-9	Dicamba
ACE GREEN TURF WINTERIZER	961	415	0	1918-00-9	Dicamba

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
WEED AND FEED 24-0-12					
ACE GREEN TURF WEED AND FEED 29-0-3	961	415	0	1918-00-9	Dicamba
ACE GREEN TURF PHOPHORUS FREE WEED & FEED 29-0-3	2217	819	9688	1918-00-9	Dicamba
EXPERT GARDENER WEED & FEED 28-0-3	228	330	59144	1918-00-9	Dicamba
LESCO MOMENTUM FORCE WEED AND FEED 0-0-8	228	412	10404	1918-00-9	Dicamba
ANDERSONS GOLF PRODUCTS K-O-G WEED CONTROL	9198	184	0	1918-00-9	Dicamba
ORTHO WEED B GON SOUTHERN LAWNS READY-TO-USE	2217	905	239	1918-00-9	Dicamba
ORTHO WEED B GON SOUTHERN LAWNS READY-SPRAY	2217	910	239	1918-00-9	Dicamba
DISTINCT HERBICIDE	7969	150	0	1982-69-0	Dicamba, sodium salt
OVERDRIVE HERBICIDE	7969	150	0	1982-69-0	Dicamba, sodium salt
STATUS HERBICIDE	7969	242	0	1982-69-0	Dicamba, sodium salt
DUPONT REQUIRE Q (MP) HERBICIDE	352	761	0	1982-69-0	Dicamba, sodium salt
SODIUM DICAMBATE TECHNICAL HERBICIDE	7969	141	0	1982-69-0	Dicamba, sodium salt
FORUM FUNGICIDE	241	427	0	110488-70-5	Dimethomorph
STATURE SC FUNGICIDE	241	428	0	110488-70-5	Dimethomorph
SAFARI 20 SG INSECTICIDE	33657	16	59639	165252-70-0	Dinotefuran
VALENT VENOM INSECTICIDE	59639	135	0	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT RESERVOIR	499	507	0	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT BRAND ADVANCE COCKROACH GEL BAIT PISTON CAN	499	510	0	165252-70-0	Dinotefuran
HOT SHOT ULTRA LIQUID ROACH BAIT	9688	239	8845	165252-70-0	Dinotefuran
HOT SHOT ULTRA LIQUID ANT BAIT	9688	242	8845	165252-70-0	Dinotefuran
STARBAR QUIKSTRIKE FLY SCATTER BAIT	73049	450	2724	165252-70-0	Dinotefuran
SAFARI 2 G INSECTICIDE	59639	149	0	165252-70-0	Dinotefuran
HOT SHOT ULTRA CLEAR ROACH & ANT GEL BAIT	9688	271	8845	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT ALPINE ANT AND TERMITE FOAM	499	526	0	165252-70-0	Dinotefuran

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
PRESCRIPTION TREATMENT ALPINE PRESSURIZED INSECTICIDE	499	531	0	165252-70-0	Dinotefuran
FIRST SHIELD TRIO FOR DOGS WEIGHING 2.5 TO 20 LBS	83399	6	85581	165252-70-0	Dinotefuran
FIRST SHIELD TRIO FOR DOGS AND PUPPIES 7 WEEKS OF AGE WEIGHING 21-55 LBS	83399	6	85581	165252-70-0	Dinotefuran
FIRST SHIELD TRIO FOR DOGS AND PUPPIES OVER 7 WEEKS OF AGE WEIGHING 56-95 LBS	83399	6	85584	165252-70-0	Dinotefuran
FIRST SHIELD TRIO FOR DOGS AND PUPPIES OVER 7 WEEKS OF AGE WEIGHING OVER 95 LBS	83399	6	85581	165252-70-0	Dinotefuran
FIRST SHIELD FOR CATS WEIGHING 9 LBS AND OVER	83399	9	85581	165252-70-0	Dinotefuran
FIRST SHIELD FOR CATS AND KITTENS OVER 8 WEEKS OF AGE WEIGHING UNDER 9 LBS	83399	9	85581	165252-70-0	Dinotefuran
GREEN LIGHT TREE & SHRUB INSECT CONTROL SAFARI	59639	162	85827	165252-70-0	Dinotefuran
FIRST SHIELD DOG & PUPPY 2.5- 10	83399	10	85581	165252-70-0	Dinotefuran
FIRST SHIELD DOG & PUPPY 11-20 LBS	83399	10	85581	165252-70-0	Dinotefuran
FIRST SHIELD DOG & PUPPY 21- 55LBS	83399	10	85581	165252-70-0	Dinotefuran
FIRST SHIELD DOG & PUPPY 56- 100LBS	83399	10	85581	165252-70-0	Dinotefuran
TRANSTECT 70WSP INSECTICIDE	59639	170	74779	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT BRAND ALPINE ANT GEL BAIT	499	537	0	165252-70-0	Dinotefuran
SCORPION™ 35SL INSECTICIDE	10163	317	0	165252-70-0	Dinotefuran
ZYLAM 20SG SYSTEMIC TURF INSECTICIDE	2217	935	0	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT ALPINE COCKROACH GEL BAIT PISTON CAN	499	510	0	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT ALPINE COCKROACH GEL BAIT RESERVOIR	499	507	0	165252-70-0	Dinotefuran
ZYLAM LIQUID SYSTEMIC INSECTICIDE	2217	937	0	165252-70-0	Dinotefuran
ROSE & FLOWER WITH SAFARI	59639	169	85827	165252-70-0	Dinotefuran

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
INSECT CONTROL + FERTILIZER CONCENTRATE					
TREE & SHRUB WITH SAFARI INSECT CONTROL + FERTILIZER CONCENTRATE	59639	168	85827	165252-70-0	Dinotefuran
PRESCRIPTION TREATMENT ALPINE FLEA INSECTICIDE WITH IGR	499	540	0	165252-70-0	Dinotefuran
SAFARI 20 SG INSECTICIDE	86203	11	59639	165252-70-0	Dinotefuran
DINOTEFURAN 10SL	86203	14	0	165252-70-0	Dinotefuran
ORTHO TREE & SHRUB INSECT CONTROL	59639	168	239	165252-70-0	Dinotefuran
ORTHO TREE & SHRUB INSECT CONTROL GRANULES	59639	162	239	165252-70-0	Dinotefuran
ALPINE WSG WATER SOLUBLE GRANULE INSECTICIDE	499	561	0	165252-70-0	Dinotefuran
STARBAR QUIKSTRIKE FLY BAIT	2724	812	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS AND PUPPIES 21-55 LBS	83399	6	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS AND PUPPIES OVER 7 WEEKS OF AGE 2.5-20 LBS	83399	6	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS WEIGHING 56-95 LBS	83399	6	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS WEIGHING OVER 95 LBS	83399	6	0	165252-70-0	Dinotefuran
VECTRA FOR CATS & KITTENS	83399	9	0	165252-70-0	Dinotefuran
VECTRA FOR DOGS & PUPPIES (11-20 LBS.)	83399	10	0	165252-70-0	Dinotefuran
VECTRA FOR DOGS & PUPPIES (21-55 LBS.)	83399	10	0	165252-70-0	Dinotefuran
VECTRA FOR DOGS AND PUPPIES (56-100 LBS.)	83399	10	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS (21-55 LBS.)	83399	6	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS (56-95 LBS.)	83399	6	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS (>95 LBS.)	83399	6	0	165252-70-0	Dinotefuran
SIMPLEGUARD 3 FOR DOGS (21-55 LBS.)	83399	6	0	165252-70-0	Dinotefuran
SIMPLEGUARD 3 FOR DOGS (56-95 LBS.)	83399	6	0	165252-70-0	Dinotefuran
SIMPLEGUARD 3 FOR DOGS (>95 LBS.)	83399	6	0	165252-70-0	Dinotefuran

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
LBS.)					
VECTRA FOR CATS 9LBS. AND OVER	83399	9	0	165252-70-0	Dinotefuran
SIMPLEGUARD FOR CATS 9LBS. AND OVER	83399	9	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS AND PUPPIES 5 TO 10 LBS	83399	6	0	165252-70-0	Dinotefuran
VECTRA 3D FOR DOGS AND PUPPIES 11 TO 20 LBS	83399	6	0	165252-70-0	Dinotefuran
DREXEL DIURON 4L	19713	36	0	330-54-1	Diuron
DIURON 80 HERBICIDE	19713	274	0	330-54-1	Diuron
SPRAKIL SK-13 GRANULAR WEED KILLER	34913	15	0	330-54-1	Diuron
SSI MAXIM TOPSITE 2.5G HERBICIDE	34913	22	0	330-54-1	Diuron
DUPONT KROVAR I DF HERBICIDE	352	505	0	330-54-1	Diuron
POLYPHASE 663	5383	109	0	330-54-1	Diuron
ACTICIDE PM FLOWABLE INDUSTRIAL MILDEWCIDE	67071	15	0	330-54-1	Diuron
DIURON 8- WDG WEED KILLER	34704	648	0	330-54-1	Diuron
DIBRO 2 + 2	228	227	0	330-54-1	Diuron
ADIOS COTTON DEFOLIANT	66330	344	0	330-54-1	Diuron
BROMACIL/DIURON 40/40	81927	3	0	330-54-1	Diuron
Dupont Karmex XP Herbicide	352	692	0	330-54-1	Diuron
Dupont Karmex IWC	352	692	0	330-54-1	Diuron
Dupont Karmex DF Herbicide	352	692	0	330-54-1	Diuron
Dupont Direx 4l herbicide	352	678	0	330-54-1	Diuron
DIURON 4L HERBICIDE	34704	854	0	330-54-1	Diuron
ALLIGARE DIURON 80DF DRY FLOWABLE HERBICIDE	81927	12	0	330-54-1	Diuron
AGRISOLUTIONS DIURON 4L	9779	329	0	330-54-1	Diuron
LAYBY™ PRO HERBICIDE	61842	20	0	330-54-1	Diuron
NUFARM IMAZURON HERBICIDE	228	654	0	330-54-1	Diuron
ACTICIDE MKW 2	67071	55	0	330-54-1	Diuron
BIOBAN 63 ANTIMICROBIAL	707	303	0	330-54-1	Diuron
DETERMINE 4L LIQUID FLOWABLE HERBICIDE	66222	54	0	330-54-1	Diuron
DIREX 4L LIQUID FLOWABLE HERBICIDE	66222	54	0	330-54-1	Diuron
KARMEX DF HERBICIDE	66222	51	0	330-54-1	Diuron
PARROT 4L LIQUID FLOWABLE HERBICIDE	66222	54	0	330-54-1	Diuron
DIURON 4L LIQUID FLOWABLE	66222	54	0	330-54-1	Diuron

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

<i>Brand Name</i>	<i>EPA1</i>	<i>EPA2</i>	<i>EPA3</i>	<i>CAS NUMBER</i>	<i>ACTIVE INGREDIENT</i>
HERBICIDE					
DIURON 80DF HERBICIDE	66222	51	0	330-54-1	Diuron
CLEANSHOT 4L LIQUID FLOWABLE HERBICIDE	66222	54	0	330-54-1	Diuron
PARROT DF HERBICIDE	66222	51	0	330-54-1	Diuron
CLEANSHOT DF HERBICIDE	66222	51	83222	330-54-1	Diuron
SEKOR 4L HERBICIDE	66222	54	0	330-54-1	Diuron
SUPERDI 4L HERBICIDE	66222	54	0	330-54-1	Diuron
WILLOWOOD DIURON 80DF	87290	28	0	330-54-1	Diuron
WILLOWOOD DIURON 4SC	87290	29	0	330-54-1	Diuron
PREVENTOL A6 D	39967	119	0	330-54-1	Diuron
PROCLAIM INSECTICIDE	100	904	0	137512-74-4	Emamectin benzoate
DENIM INSECTICIDE	100	903	0	137512-74-4	Emamectin benzoate
TREE-AGE	100	1309	74578	137512-74-4	Emamectin benzoate
DREXEL ENDOSULFAN 3EC	19713	399	0	115-29-7	Endosulfan
THIONEX 50W INSECTICIDE	66222	62	0	115-29-7	Endosulfan
THIONEX 3EC	66222	63	0	115-29-7	Endosulfan
AVENGER INSECTICIDE CATTLE EAR TAG	61483	65	0	115-29-7	Endosulfan
KATANA TURF HERBICIDE	71512	12	2217	104040-78-0	Flazasulfuron
ARIA INSECTICIDE	279	3287	0	158067-0	Flonicamid
CARBINE 50 WG INSECTICIDE	71512	9	279	158067-0	Flonicamid
BELEAF 50SG INSECTICIDE	71512	10	279	158067-0	Flonicamid
ISK BIOSCIENCE BELEAF 50SG INSECTICIDE	71512	10	0	158067-0	Flonicamid
DEFENDOR	62719	560	0	145701-21-1	*Florasulam*
AXIOM DF HERBICIDE	264	766	0	142459-58-3	Flufenacet
BAYER CROP SCIENCE DEFINE SC HERBICIDE	264	819	0	142459-58-3	Flufenacet
LUNA EXPERIENCE	264	1091	0	658066-35-4	Fluopyram
LUNA PRIVILEGE	264	1078	0	658066-35-4	Fluopyram
LUNA SENSATION	264	1090	0	658066-35-4	Fluopyram
LUNA TRANQUILITY	264	1085	0	658066-35-4	Fluopyram
DISARM 480 SC FUNGICIDE	66330	64	0	193740-76-0	Fluoxastrobin
EVITO 480 SC	66330	64	0	193740-76-0	Fluoxastrobin
DISARM M FUNGICIDE	66330	388	0	193740-76-0	Fluoxastrobin
DISARM C FUNGICIDE	66330	379	0	193740-76-0	Fluoxastrobin
DISARM G FUNGICIDE	66330	380	0	193740-76-0	Fluoxastrobin
AFTERSHOCK	66330	64	34704	193740-76-0	Fluoxastrobin
DISARM M GRANULAR FUNGICIDE	66330	407	0	193740-76-0	Fluoxastrobin
DISARM O FUNGICIDE	66330	64	59807	193740-76-0	Fluoxastrobin
CONTRAST 70 WSP	432	1223	58185	66332-96-5	Flutolanil
MONCOAT MZ POTATO SEED-	71711	8	0	66332-96-5	Flutolanil

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
PIECE TREATMENT F/ CONTROL OF SEEDLING DISEASES					
PROSTAR 70WP	432	1223	0	66332-96-5	Flutolanil
MONCUT 70-DF FUNGICIDE	71711	14	0	66332-96-5	Flutolanil
MONCUT 70-DF FUNGICIDE FOR USE ON PEANUTS, RICE AND POTATOES	71711	14	10163	66332-96-5	Flutolanil
PROSTAR 70 WDG FUNGICIDE	432	1477	0	66332-96-5	Flutolanil
MONCUT 70-DF FUNGICIDE	10163	301	0	66332-96-5	Flutolanil
PROSTAR 70 WG FUNGICIDE	432	1223	0	66332-96-5	Flutolanil
MONCOAT MZ FUNGICIDE	10163	320	0	66332-96-5	Flutolanil
FINALE HERBICIDE	432	1229	0	77182-82-2	Glufosinate
REMOVE HERBICIDE	264	663	0	77182-82-2	Glufosinate
RELY 200 HERBICIDE	264	660	0	77182-82-2	Glufosinate
IGNITE	264	829	0	77182-82-2	Glufosinate
LIBERTY 280 SL HERBICIDE	264	829	0	77182-82-2	Glufosinate
SEDGEHAMMER TURF HERBICIDE	81880	1	10163	100784-20-1	Halosulfuron-methyl
YUKON HERBICIDE WATER SOLUBLE GRANULE	81880	6	10163	100784-20-1	Halosulfuron-methyl
PROFINE 75 HERBICIDE	2749	528	0	100784-20-1	Halosulfuron-methyl
SANDEA HERBICIDE	81880	18	10163	100784-20-1	Halosulfuron-methyl
NUFARM PROSEEDGE SELECTIVE HERBICIDE	228	702	0	100784-20-1	Halosulfuron-methyl
NUTGRASS KILLER SELECTIVE HERBICIDE	228	702	54705	100784-20-1	Halosulfuron-methyl
SEDGEHAMMER + TURF HERBICIDE	81880	24	10163	100784-20-1	Halosulfuron-methyl
HI-YIELD NUTSEEDGE CONTROL	228	702	7401	100784-20-1	Halosulfuron-methyl
NUFARM PROSEEDGE SELECTIVE HERBICIDE 2	228	711	0	100784-20-1	Halosulfuron-methyl
NUTGRASS KILLER II SELECTIVE HERBICIDE	228	711	54705	100784-20-1	Halosulfuron-methyl
BASF RAPTOR HERBICIDE	241	379	0	114311-32-9	Imazamox
BASF BEYOND HERBICIDE/CLEARFIELD PRODUCTION SYSTEM	241	379	0	114311-32-9	Imazamox
CLEARMAX HERBICIDE	7969	238	0	114311-32-9	Imazamox
CLEARCAST HERBICIDE	241	437	0	114311-32-9	Imazamox
CLEARCAST HERBICIDE	241	437	67690	114311-32-9	Imazamox
BEYOND HERBICIDE	241	441	0	114311-32-9	Imazamox
CLEARCAST 2.7G HERBICIDE	241	439	67690	114311-32-9	Imazamox
CELERO HERBICIDE	59639	155	0	122548-33-8	Imazosulfuron
LEAGUE HERBICIDE	59639	166	0	122548-33-8	Imazosulfuron

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
ADVANCED LAWN SEASON-LONG GRUB CONTROL RTS	3125	528	72155	138261-41-3	Imidacloprid
IMICIDE	7946	16	0	138261-41-3	Imidacloprid
POINTER INSECTICIDE	69117	1	0	138261-41-3	Imidacloprid
LEVERAGE 2.7 SUSPENSION EMULSION INSECTICIDE	264	770	0	138261-41-3	Imidacloprid
PROVADO 1.6 FLOWABLE INSECTICIDE	264	763	0	138261-41-3	Imidacloprid
ADVANTAGE 9 TOPICAL SOLUTION	11556	116	0	138261-41-3	Imidacloprid
ADVANTAGE 10 TOPICAL SOLUTION	11556	117	0	138261-41-3	Imidacloprid
ADVANTAGE 18 TOPICAL SOLUTION	11556	118	0	138261-41-3	Imidacloprid
ADVANTAGE 20 TOPICAL SOLUTION	11556	119	0	138261-41-3	Imidacloprid
ADVANTAGE 55 TOPICAL SOLUTION	11556	120	0	138261-41-3	Imidacloprid
ADVANTAGE 100 TOPICAL SOLUTION	11556	122	0	138261-41-3	Imidacloprid
MAXFORCE GRANULAR FLY BAIT	432	1375	0	138261-41-3	Imidacloprid
K9 ADVANTIX 20	11556	133	0	138261-41-3	Imidacloprid
DISCUS NURSERY INSECTICIDE	432	1392	59807	138261-41-3	Imidacloprid
PREMISE 2 INSECTICIDE	432	1331	0	138261-41-3	Imidacloprid
PREMISE 75 INSECTICIDE IN WATER SOLUBLE PACKETS	432	1332	0	138261-41-3	Imidacloprid
PRE-EMPT PROFESSIONAL COCKROACH GEL BAIT	432	1365	0	138261-41-3	Imidacloprid
LESCO BANDIT 75 WSP INSECTICIDE	432	1318	0	138261-41-3	Imidacloprid
MERIT 75 WSP INSECTICIDE	432	1318	0	138261-41-3	Imidacloprid
PROKOZ	432	1318	0	138261-41-3	Imidacloprid
TOUCHSTONE 75 WSP INSECTICIDE	432	1318	0	138261-41-3	Imidacloprid
MERIT 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
MERIT 2.5 G ORNAMENTAL INSECTICIDE	432	1376	0	138261-41-3	Imidacloprid
MERIT 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
MERIT 75 WP INSECTICIDE	432	1314	0	138261-41-3	Imidacloprid
PREMISE FOAM	432	1391	0	138261-41-3	Imidacloprid
PREMISE 0.5 SC INSECTICIDE	432	1362	0	138261-41-3	Imidacloprid
PREMISE PRE-CONSTRUCTION INSECTICIDE	432	1331	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
BAYER ADVANCED 12-MONTH TREE & SHRUB INSECT CONTROL CONCENTRATE	72155	55	0	138261-41-3	Imidacloprid
ALLECTUS G INSECTICIDE	432	1407	0	138261-41-3	Imidacloprid
ALLECTUS GC GRANULAR INSECTICIDE	432	1416	0	138261-41-3	Imidacloprid
CRITERION 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
CRITERION 75 WSP INSECTICIDE	432	1318	0	138261-41-3	Imidacloprid
HUNTER 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
HUNTER 75 WSP INSECTICIDE	432	1318	0	138261-41-3	Imidacloprid
LESCO BANDIT 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
PROKOZ ZENITH 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
SUBMERGE 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
SUBMERGE 75 WSP INSECTICIDE	432	1318	0	138261-41-3	Imidacloprid
TOUCHSTONE 0.5 G INSECTICIDE	432	1328	0	138261-41-3	Imidacloprid
MARATHON II GREENHOUSE AND NURSERY INSECTICIDE	432	1369	59807	138261-41-3	Imidacloprid
MARATHON 60 WP GREENHOUSE AND NURSERY INSECTICIDE IN WATER SULOBLE PACKAGING	432	1361	59807	138261-41-3	Imidacloprid
MARATHON 1% GRANULAR GREENHOUSE & NURSERY INSECTICIDE	432	1329	59807	138261-41-3	Imidacloprid
ALLECTUS GC SC	432	1421	0	138261-41-3	Imidacloprid
ALLECTUS SC INSECTICIDE	432	1415	0	138261-41-3	Imidacloprid
I MAXXPRO INSECTICIDE IN WATER SOLUBLE PACKETS	432	1332	73748	138261-41-3	Imidacloprid
ADMIRE PRO SYSTEMIC PROTECTANT INSECTICIDE	264	827	0	138261-41-3	Imidacloprid
LESCO SYSTEMIC INSECTICIDE CONTAINS MERIT IN WATER SOLUBLE PACKETS (086203)	432	1318	10404	138261-41-3	Imidacloprid
ALIAS 2F FLOWABLE INSECTICIDE	264	758	66222	138261-41-3	Imidacloprid
PASADA 1.6F FLOWABLE INSECTICIDE	264	763	66222	138261-41-3	Imidacloprid
GAUCHO 600 FLOWABLE	264	968	0	138261-41-3	Imidacloprid
COURAZE 2F INSECTICIDE	264	758	67760	138261-41-3	Imidacloprid
COURAZE 1.6F INSECTICIDE	264	763	67760	138261-41-3	Imidacloprid
COURAZE SOLUPAK INSECTICIDE	264	761	67760	138261-41-3	Imidacloprid
COURAZE MAX 4F	264	783	67760	138261-41-3	Imidacloprid
BAYER ADVANCED SEASON LONG GRUB CONTROL READY TO	72155	36	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
SPREAD GRANULES					
BAYER CROPSCIENCE GAUCHO 480 FLOWABLE	264	957	0	138261-41-3	Imidacloprid
PRO-MATE MERIT 0.2% PLUS TURF FERTILIZER	432	1349	5905	138261-41-3	Imidacloprid
GARANT T & O 2F INSECTICIDE	432	1312	67760	138261-41-3	Imidacloprid
GARANT T & O 75 WSP INSECTICIDE	432	1318	67760	138261-41-3	Imidacloprid
GARANT PRO 2F INSECTICIDE	432	1331	67760	138261-41-3	Imidacloprid
GARANT PRO 75 WSP INSECTICIDE	432	1332	67760	138261-41-3	Imidacloprid
PREMISE GRANULES	432	1385	0	138261-41-3	Imidacloprid
PREMISE PRO	432	1449	0	138261-41-3	Imidacloprid
IMIDIPRO SYSTEMIC INSECTICIDE	42750	115	2217	138261-41-3	Imidacloprid
MERIT TREE INJECTION	432	1447	0	138261-41-3	Imidacloprid
WIDOW INSECTICIDE	34704	893	0	138261-41-3	Imidacloprid
BAYER ADVANCED 12 MONTH TREE & SHRUB PROTECT & FEED	72155	72	0	138261-41-3	Imidacloprid
BAYER ADVANCED TERMITE KILLER GRANULES	72155	68	0	138261-41-3	Imidacloprid
BAYER ADVANCED DUAL PROTECTION ACR INSECT & DISEASE CONTROL	72155	61	0	138261-41-3	Imidacloprid
BAYER ADVANCED DUAL ACTION ROACH KILLER POWER PEN READY-TO-USE	72155	70	0	138261-41-3	Imidacloprid
DYNA-SHIELD IMIDACLOPRID 5	34704	940	0	138261-41-3	Imidacloprid
BAYER ADVANCED 12 MONTH TREE & SHRUB INSECT CONTROL II CONCENTRATE	72155	56	0	138261-41-3	Imidacloprid
CENTERFIRE 75 WSP INSECTICIDE	432	1332	0	138261-41-3	Imidacloprid
SILVASHIELD FORESTRY TABLETS	432	1457	0	138261-41-3	Imidacloprid
XYTECT 2F INSECTICIDE	42750	115	74779	138261-41-3	Imidacloprid
XYTECT 75WSP INSECTIDE	42750	117	74779	138261-41-3	Imidacloprid
MALICE 0.5G	34704	960	0	138261-41-3	Imidacloprid
CRITERION 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
LESCO BANDIT 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
HUNTER 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
PROKOZ ZENITH 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
SUBMERGE 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
TOUCHSTONE 2F INSECTICIDE	432	1312	0	138261-41-3	Imidacloprid
MAXFORCE FLY SPOT BAIT	432	1455	0	138261-41-3	Imidacloprid
QUICKBAYT SPOT SPRAY	432	1455	11556	138261-41-3	Imidacloprid
TURFTHOR WSP	82957	3	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
PROTHOR WSP	82957	2	0	138261-41-3	Imidacloprid
MALLET 0.5 G INSECTICIDE	228	501	0	138261-41-3	Imidacloprid
MALLET 2.5G INSECTICIDE	228	502	0	138261-41-3	Imidacloprid
WRANGLER INSECTICIDE	34704	931	0	138261-41-3	Imidacloprid
PROTHOR SC 2	83923	4	0	138261-41-3	Imidacloprid
HAWK-I 2L	81943	11	0	138261-41-3	Imidacloprid
HAWK - I 75WSP	81943	10	0	138261-41-3	Imidacloprid
CORETECT TREE AND SHRUB TABLETS INSECTICIDE	432	1457	0	138261-41-3	Imidacloprid
HI-YIELD GRUB FREE ZONE	81959	18	7401	138261-41-3	Imidacloprid
MASTERLINE I MAXXPRO 2 F	432	1331	73748	138261-41-3	Imidacloprid
BAYER ADVANCED 12 MONTH TREE SHRUB PROTECT & FEED CONCENTRATE	72155	76	0	138261-41-3	Imidacloprid
LADA 2F INSECTICIDE	83100	6	63979	138261-41-3	Imidacloprid
MONTANA 2F INSECTICIDE	83100	7	83979	138261-41-3	Imidacloprid
BONIDE SYSTEMIC HOUSEPLANT INSECT CONTROL	53883	217	4	138261-41-3	Imidacloprid
BAYER ADVANCED 2 IN 1 INSECT CONTROL PLUS FERTILIZER	432	1399	72155	138261-41-3	Imidacloprid
ANNUAL TREE & SHRUB INSECT CONTROL	53883	205	4	138261-41-3	Imidacloprid
BONIDE SYSTEMIC GRANULES INSECT CONTROL	53883	217	4	138261-41-3	Imidacloprid
SENATOR 600FS	228	522	0	138261-41-3	Imidacloprid
BONIDE SHOT GUN REPELS-ALL ANIMAL REPELLENT GRANULES	25000	0	0	138261-41-3	Imidacloprid
AERIS SEED-APPLIED INSECTICIDE / NEMATICIDE	264	1057	0	138261-41-3	Imidacloprid
XYTECT INFUSIBLE INSECTICIDE	74578	1	74779	138261-41-3	Imidacloprid
DOMINION TREE & SHRUB	53883	205	0	138261-41-3	Imidacloprid
MALLET 1.47% CONCENTRATE	228	525	0	138261-41-3	Imidacloprid
LATITUDE SEED TREATMENT	264	1017	400	138261-41-3	Imidacloprid
IMIGOLD 0.5 G TURF & ORNAMENTAL INSECTICIDE	70506	142	0	138261-41-3	Imidacloprid
HI-YIELD GRUB FREE ZONE II	42750	154	7401	138261-41-3	Imidacloprid
ATERA GC 2+1 SC INSECTICIDE	228	557	0	138261-41-3	Imidacloprid
SCOTTS GRUBEX SEASON-LONG GRUB KILLER	432	1339	538	138261-41-3	Imidacloprid
IMIBLOC 70DF TERMITICIDE/INSECTICIDE	70506	158	0	138261-41-3	Imidacloprid
KAPUT-D COMBO BAIT	72500	11	0	138261-41-3	Imidacloprid
GORDONS GRUB NO MORE	2217	908	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
CONCENTRATE					
GORDONS GRUB NO MORE READY SPRAY	2217	908	0	138261-41-3	Imidacloprid
GORDONS TREEE & SHRUB INSECT KILLER	2217	908	0	138261-41-3	Imidacloprid
GORDONS GRUB NO MORE GRANULES	2217	909	0	138261-41-3	Imidacloprid
MALLET 7.1 % INSECTICIDE	228	562	0	138261-41-3	Imidacloprid
HAWK-I N/O 2L INSECTICIDE	81943	21	0	138261-41-3	Imidacloprid
HAWK-I N/O 60WSP INSECTICIDE	81943	20	0	138261-41-3	Imidacloprid
MANA ALIAS TM 4F FLOWABLE INSECTICIDE	66222	156	0	138261-41-3	Imidacloprid
SHERPA INSECTICIDE	34704	983	0	138261-41-3	Imidacloprid
FERTILOME TREE & SHRUB SYSTEMIC INSECT DRENCH	42750	155	7401	138261-41-3	Imidacloprid
AGRISOLUTIONS NITRO SHIELD SEED PROTECTANT INSECTICIDE	1381	231	0	138261-41-3	Imidacloprid
DOMINION 2L TERMITICIDE/INSECTICIDE	53883	229	0	138261-41-3	Imidacloprid
CREDO SC INSECTICIDE	11556	146	0	138261-41-3	Imidacloprid
IMAJET SYSTMEIC INSECTICIDE FOR MICRO-INFUSION	74578	1	0	138261-41-3	Imidacloprid
IMIGOLD 70DF TURF, ORNAMENTAL AND GREENHOUSE INSECTICIDE	70506	157	0	138261-41-3	Imidacloprid
BAYER ADVANCED SEASON LONG GRUB CONTROL PLUS TURF REVITALIZER	72155	36	0	138261-41-3	Imidacloprid
SIGNATURE FERTILIZER WITH 0.2% MERIT 28-0-8	432	1349	34704	138261-41-3	Imidacloprid
BAYER ADVANCED 3 IN 1 TREE SHRUB PLANT STARTER READY- TO-USE THROW PACK	72155	79	0	138261-41-3	Imidacloprid
IMIGOLD 2 F TURF & ORNAMENTAL INSECTICIDE	70506	150	0	138261-41-3	Imidacloprid
ORTHO MAX TREE & SHRUB INSECT CONTROL READY-TO- SPRAY	228	525	239	138261-41-3	Imidacloprid
BONIDE SYSTEMIC INSECT SPRAY WITH SYSTEMAXX	53883	205	4	138261-41-3	Imidacloprid
TURFTHOR 0.5 G	83923	10	0	138261-41-3	Imidacloprid
HI-YIELD SYSTEMIC INSECT GRANILES	53883	217	7401	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
BAYER ADVANCED 2 IN 1 SYSTEMIC ROSE & FLOWER CARE READY-TO-USE GRANULES II	72155	57	0	138261-41-3	Imidacloprid
GRUBEX PRO	228	485	0	138261-41-3	Imidacloprid
BRIGADIER INSECTICIDE	279	3332	0	138261-41-3	Imidacloprid
MALLET 2F GREENHOUSE AND NURSERY INSECTICIDE	228	486	0	138261-41-3	Imidacloprid
MALLET 2F INSECTICIDE	228	485	0	138261-41-3	Imidacloprid
MANTRA GREENHOUSE AND NURSERY INSECTICIDE	228	486	0	138261-41-3	Imidacloprid
NUPRID 1.6F INSECTICIDE	228	488	0	138261-41-3	Imidacloprid
NUPRID 2F INSECTICIDE	228	484	0	138261-41-3	Imidacloprid
NUPRID 2SC SOIL/FOLIAR INSECTICIDE	228	572	0	138261-41-3	Imidacloprid
NUPRID 4.6F PRO INSECTICIDE	228	527	0	138261-41-3	Imidacloprid
NUPRID 4F MAX INSECTICIDE	228	528	0	138261-41-3	Imidacloprid
FERTI-LOME ROSE & FLOWER FOOD WITH SYSTEMIC INSECTICIDE	228	587	7401	138261-41-3	Imidacloprid
INVICT GOLD COCKROACH GEL	73079	10	0	138261-41-3	Imidacloprid
DOMINION 4L FLOWABLE INSECTICIDE	53883	225	0	138261-41-3	Imidacloprid
TURFTHOR 2.5 G	83923	9	0	138261-41-3	Imidacloprid
AMTIDE IMIDACLOPRID 2F INSECTICIDE	83851	12	0	138261-41-3	Imidacloprid
BOUNTY TURF ORNAMENTAL INSECTICIDE	1001	82	0	138261-41-3	Imidacloprid
MACHO 2.0 FL	42750	110	0	138261-41-3	Imidacloprid
AGRISOLUTIONS ADVISE 2FL	1381	205	0	138261-41-3	Imidacloprid
FERTILOME AZALEA/EVERGREEN FOOD PLUS WITH SYSTEMIC	228	587	7401	138261-41-3	Imidacloprid
FERTI-LOME PALM TREE FOOD WITH SYSTEMIC	228	587	7401	138261-41-3	Imidacloprid
FERILOME TREE & SHRUB SYSTEMIC INSECT GRANULES	228	502	7401	138261-41-3	Imidacloprid
ACCELERON IX-409 INSECTICIDE SEED TREATMENT	264	968	524	138261-41-3	Imidacloprid
BAYER ADVANCED FRUIT, CITRUS & VEGETABLE INSECT CONTROL	72155	92	0	138261-41-3	Imidacloprid
SCOTTS GRUB EX SEASON-LONG GRUB KILLER (GRUBEX 2)	538	303	0	138261-41-3	Imidacloprid
LEVERAGE 360 INSECTICIDE	264	1104	0	138261-41-3	Imidacloprid
DIY TREE CARE PRODUCTS MULTI-	69117	8	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
INSECT KILLER DO-IT-YOURSELF					
BONIDE ROSE RX SYSTEMIC DRENCH	69361	19	4	138261-41-3	Imidacloprid
PREY 1.6 INSECTICIDE	34704	894	0	138261-41-3	Imidacloprid
MALICE 75 WSP	34704	1009	0	138261-41-3	Imidacloprid
BONIDE ANNUAL CONTROL WITH SYSTEMAXX GRUB BEATER	228	501	4	138261-41-3	Imidacloprid
AGRI STAR MACJHO 4.0 FLOWABLE INSECTICIDE	42750	140	0	138261-41-3	Imidacloprid
COURAZE 2F INSECTICIDE	67760	91	0	138261-41-3	Imidacloprid
MONTEREY ONCE A YEAR INSECT CONTROL II	228	525	54705	138261-41-3	Imidacloprid
MAXFORCE QUANTUM ANT BAIT	432	1506	0	138261-41-3	Imidacloprid
KNOCKOUT READY-TO-USE GRUB KILLER GRANULES	228	510	59144	138261-41-3	Imidacloprid
Z-IMIDACLOPRID 4#	84930	2	86656	138261-41-3	Imidacloprid
ORTHO ROSE & FLOWER INSECT CONTROL PLUS MIRACLE GRO 7-9-7	228	587	239	138261-41-3	Imidacloprid
QUALI-PRO IMIDACLOPRID 0.5G INSECTICIDE	66222	200	0	138261-41-3	Imidacloprid
QUALI-PRO IMIDACLOPRID 1G NURSERY & GREENHOUSE INSECTICIDE	66222	201	0	138261-41-3	Imidacloprid
QUALI-PRO IMIDACLOPRID 2F TURF & ORNAMENTAL INSECTICIDE	66222	203	0	138261-41-3	Imidacloprid
PRIMERAONE IMIDACLOPRID 2F TURF & ORNAMENTAL INSECTICIDE	66222	203	0	138261-41-3	**Imidacloprid**
ORTHO TREE & SHRUB INSECT CONTROL RTU GRANULES	228	502	239	138261-41-3	Imidacloprid
LEBANON PROSCAPE FERTILIZER WITH MERIT 0.2% 20-0-5	432	1349	961	138261-41-3	Imidacloprid
ORTHO BUG B GON YEAR-LONG TREE & SHRUB INSECT CONTROL	228	525	239	138261-41-3	Imidacloprid
HOWARD JOHNSONS 0.2% MALLETT PLUS 22-00-04	228	500	32802	138261-41-3	Imidacloprid
ACE HOUSE & GARDEN BUG KILLER 2	46615	48	9688	138261-41-3	Imidacloprid
MARTINS DOMINION® FRUIT TREE & VEGETABLE	53883	275	0	138261-41-3	Imidacloprid
QUALI-PRO IMIDACLOPRID 75	66222	199	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
WSB					
ADONIS™ 75 WSP PPC INSECTICIDE	228	700	0	138261-41-3	Imidacloprid
ADONIS 2F PPC INSECTICIDE	228	699	0	138261-41-3	Imidacloprid
ADVANTAGE II KITTEN	11556	150	0	138261-41-3	Imidacloprid
ADVANTAGE II LARGE CAT	11556	152	0	138261-41-3	Imidacloprid
ADVANTAGE II SMALL CATS	11556	151	0	138261-41-3	Imidacloprid
BAYER ADVANCED SEASNO-LONG GRUB CONTROL READY-TO-SPRAY	72155	51	0	138261-41-3	Imidacloprid
ADMIRE FLEX 4	264	783	0	138261-41-3	Imidacloprid
CREDO D	11556	153	0	138261-41-3	Imidacloprid
ORTHO BUG B GON ROSE & FLOWER INSECT KILLER	228	587	239	138261-41-3	Imidacloprid
PLANT PROTECTOR TREE & SHRUB INSECT CONTROL	53883	205	4	138261-41-3	Imidacloprid
PASADA 1.6F FLOWABLE INSECTICIDE	66222	228	0	138261-41-3	Imidacloprid
ADONIS 75 WSP INSECTICIDE	87276	4	0	138261-41-3	Imidacloprid
TEMPRID SC INSECTICIDE	432	1483	0	138261-41-3	Imidacloprid
FOAM-CONTROL EPS PERFORM GUARD ADDITIVE	39967	80	87910	138261-41-3	Imidacloprid
SPECTRACIDE TREE & SHRUB INSECT SPRAY CONCENTRATE	53883	205	8845	138261-41-3	Imidacloprid
EQUIL ADONIS 2F INSECTICIDE	87276	6	0	138261-41-3	Imidacloprid
ALIAS 2F FLOWABLE INSECTICIDE	66222	203	0	138261-41-3	Imidacloprid
BONIDE SYSTEMIC ROSE & FLOWER CARE 8-12-4	228	587	4	138261-41-3	Imidacloprid
SPECTRACIDE TREE & SHRUB INSECT CONTROL CONCENTRATE	53883	205	8845	138261-41-3	Imidacloprid
AXCESS INSECTICIDE SEED TREATMENT	7969	288	0	138261-41-3	Imidacloprid
COMPARE-N-SAVE SYSTEMIC TREE & SHRUB INSECT DRENCH	228	525	84009	138261-41-3	Imidacloprid
FRUIT TREE & VEGETABLE SYSTEMIC SOIL DRENCH	53883	275	54705	138261-41-3	Imidacloprid
AMDRO TREE & SHRUB CARE CONCENTRATE	228	525	73342	138261-41-3	Imidacloprid
EQUIL ADONIS 4F INSECTICIDE	87276	10	0	138261-41-3	Imidacloprid
MALLET 2F T & O INSECTICIDE	228	695	0	138261-41-3	Imidacloprid
MANTRA 60 WSP GREENHOUSE AND NURSERY INSECTICIDE	228	681	0	138261-41-3	Imidacloprid
MANTRA 1G GREENHOUSE AND NURSERY INSECTICIDE	228	523	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
PREVENTOL TM-EPS	39967	80	0	138261-41-3	Imidacloprid
IMADAPRO 2SC INSECTICIDE	83529	2	72159	138261-41-3	Imidacloprid
HI-YIELD SYSTEMIC INSECT SPRAY READY TO SPRAY	53883	205	7401	138261-41-3	Imidacloprid
HI-YIELD SYSTEMIC INSECT SPRAY	53883	205	7401	138261-41-3	Imidacloprid
COURAZE 4 INSECTICIDE	67760	116	0	138261-41-3	Imidacloprid
SPECTRACIDE GRUB KILLER CONCENTRATE	53883	205	8845	138261-41-3	Imidacloprid
S-CLOPRID 4 AG FLOWABLE INSECTICIDE	83222	32	0	138261-41-3	Imidacloprid
DISCUS TABLETS INSECTICIDE	432	1457	59807	138261-41-3	Imidacloprid
BONIDE DURA TURF INSECT & GRUB CONTROL	53883	230	4	138261-41-3	Imidacloprid
HI-YIELD GRUB FREE ZONE III	53883	199	7401	138261-41-3	Imidacloprid
FERTI-LOME SYSTEMIC INSECT SPRAY	53883	205	7401	138261-41-3	Imidacloprid
FERTI-LOME SYSTEMIC INSECT SPRAY READY TO SPRAY	53883	205	7401	138261-41-3	Imidacloprid
SOMBRERO SEED TREATMENT	66222	187	0	138261-41-3	Imidacloprid
MALICE 2F INSECTICIDE	34704	893	0	138261-41-3	Imidacloprid
IMA-JET 10 SYSTEMIC INSECTICIDE	74578	6	0	138261-41-3	Imidacloprid
EVERRIS BENEFIT 60 WP	42750	153	58185	138261-41-3	Imidacloprid
INVICT XPRESS GRANULAR BAIT	73079	14	0	138261-41-3	Imidacloprid
KILTER INSECTICIDE	228	717	0	138261-41-3	Imidacloprid
LESCO MERIT 0.2% PLUS TURF FERTILIZER 24-5-11	432	1349	10404	138261-41-3	Imidacloprid
MALLET 75 WSP INSECTICIDE	228	588	0	138261-41-3	Imidacloprid
AGRI STAR MACHO 600 ST	42750	133	0	138261-41-3	Imidacloprid
AGRI STAR MACHO 480 ST	42750	134	0	138261-41-3	Imidacloprid
PROMIS APHID, THRIP AND WHITE FLY KILLER	53883	275	89819	138261-41-3	Imidacloprid
TEMPRID READYSpray INSECTICIDE	432	1527	0	138261-41-3	Imidacloprid
PHOENIX HAWK-I 2L	70506	258	0	138261-41-3	Imidacloprid
PHOENIX HAWK-I 75 WSP	70506	257	0	138261-41-3	Imidacloprid
WILLOWOOD IMIDACLOPRID 4SC	87290	26	0	138261-41-3	**Imidacloprid**
WILLOWOOD IMIDACLOPRID 2SC	87290	33	0	138261-41-3	**Imidacloprid**
BAYER ADVANCED DUAL ACTION ROSE & FLOWER INSECT KILLER CONTINUOUS SPRAY	72155	110	0	138261-41-3	Imidacloprid
BAYER ADVANCED HOME PEST BED BUG & FLEA KILLER	72155	110	0	138261-41-3	Imidacloprid

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
CONTINUOUS SPRAY					
BAYER ADVANCED HOME PEST INSECT KILLER CONTINUOUS SPRAY	72155	110	0	138261-41-3	Imidacloprid
NITRO SHIELD IV	1381	252	0	138261-41-3	Imidacloprid
GREEN THUMB GRANULES SEASON-LONG GRUB CONTROL	228	501	85925	138261-41-3	Imidacloprid
MASTERLINE I MAXXPRO 2F INSECTICIDE	432	1331	73748	138261-41-3	Imidacloprid
MASTERLINE I MAXXPRO INSECTICIDE IN WATER SOLUBLE PACKETS	432	1332	73748	138261-41-3	Imidacloprid
FUSE TERMITICIDE/INSECTICIDE	53883	328	0	138261-41-3	Imidacloprid
SPECTICLE 20 WSP HERBICIDE	432	1499	0	950782-96-2	Indaziflam
ALION HERBICIDE	264	1106	0	950782-96-2	Indaziflam
BAYER ADVANCED DURAZONE READY-TO-USE WEED & GRASS KILLER	72155	103	0	950782-96-2	Indaziflam
ESPLANADE 200 SC	432	1516	0	950782-96-2	Indaziflam
BAYER ADVANCED DURAZONE WEED & GRASS KILLER	72155	100	0	950782-96-2	Indaziflam
SPECTICLE FLO	432	1518	0	950782-96-2	Indaziflam
SPECTICLE G	432	1523	0	950782-96-2	Indaziflam
MARENGO HERBICIDE	432	1518	59807	950782-96-2	Indaziflam
MARENGO G HERBICIDE	432	1532	59807	950782-96-2	Indaziflam
ESPLANADE EZ	432	1528	0	950782-96-2	Indaziflam
SPECTICLE 0.0213% PLUS FERTILIZER 15-0-15	432	1496	82757	950782-96-2	Indaziflam
SPECTICLE 0.0213% PLUS FERTILIZER 5-0-20	432	1496	82757	950782-96-2	Indaziflam
SPECTICLE 0.0213% PLUS FERTILIZER 24-0-8	432	1496	82757	950782-96-2	Indaziflam
SPECTICLE 0.0213% PLUS FERTILIZER 18-0-5	432	1496	82757	950782-96-2	Indaziflam
SPECTICLE 0.0142% PLUS FERTILIZER 15-0-5	432	1495	82757	950782-96-2	Indaziflam
LINEX 4L HERBICIDE	61842	21	0	330-55-2	Linuron
LOROX® DF HERBICIDE	61842	23	0	330-55-2	Linuron
REVUS	100	1254	0	374726-62-2	Mandipropamide Technical
REVUS TOP FUNGICIDE	100	1278	0	374726-62-2	Mandipropamide Technical
MICORA FUNGICIDE	100	1388	0	374726-62-2	Mandipropamide Technical
DUPONT MANEX FUNGICIDE	352	655	0	12427-38-2	Maneb
GORDONS POWER ZONE	2217	834	0	16484-77-8	Mecoprop-P

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
BROADLEAF HERBICIDE FOR TURF					
SCOTTS LAWN PRO 4-STEP PROGRAM STEP 2 WEED CONTROL PLUS FERTILIZER 29-2-3	538	175	0	16484-77-8	Mecoprop-P
SCOTTS LAWN PRO WEED AND FEED WEED CONTROL PLUS LAWN FERTILIZER 26-0-3	538	270	0	16484-77-8	Mecoprop-P
SCOTTS TURF BUILDER WITH PLUS 2 WEED CONTROL 28-3-3	538	282	0	16484-77-8	Mecoprop-P
TURF SUPREME PLUS TRIMEC 16- 6-8	2217	643	7001	16484-77-8	Mecoprop-P
GORDONS SPEED ZONE SOUTHERN BROADLEAF HERBICIDE FOR TURF	2217	835	0	16484-77-8	Mecoprop-P
TRIPLET SELECTIVE HERBICIDE	228	264	0	16484-77-8	Mecoprop-P
GORDONS SPEED ZONE LAWN WEED KILLER	2217	864	0	16484-77-8	Mecoprop-P
PREEN LAWN BROADLEAF WEED CONTROL	2217	640	961	16484-77-8	Mecoprop-P
SHUTOUT	2217	869	5905	16484-77-8	Mecoprop-P
GREENALL WEED AND FEED 25-3- 8	2217	643	11204	16484-77-8	Mecoprop-P
ORTHO WEED B GON MAX PLUS CRABGRASS CONTROL	239	2689	0	16484-77-8	Mecoprop-P
HOWARD JOHNSONS VIPER WEED FEED 15-03-05	228	413	32802	16484-77-8	Mecoprop-P
TRUPOWER2 SELECTIVE HERBICIDE	228	499	0	16484-77-8	Mecoprop-P
TURFGRO VIPER WEED & FEED15- 3-5	228	413	32802	16484-77-8	Mecoprop-P
TURFGRO WEED & FEED WITH TRIMEC 19-4-8	2217	643	32802	16484-77-8	Mecoprop-P
HOWARD JOHNSONS PREMIUM FERTILIZER WEED ON FEED PHOSPHATE- FREE FERTILIZER 26- 0-3	228	401	32802	16484-77-8	Mecoprop-P
SPECTRACIDE WEED STOP FOR LAWNS CRABGRASS PREVENTER & BROADLEAF WEEED KILLER GRANULES	2217	858	8845	16484-77-8	Mecoprop-P
TRMEC SOUTHERN LAWN WEED KILLER CONCENTRATE	2217	820	0	16484-77-8	Mecoprop-P
OSPREY HERBICIDE	264	802	0	208465-21-8	Mesosulfuron-methyl

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
QUALI-PRO NEGATE 37WG HERBICIDE	53883	307		208465-21-8	Mesosulfuron-methyl
DUPONT LANNATE LV INSECTICIDE	352	384	0	16752-77-5	Methomyl
DUPONT LANNATE SP INSECTICIDE	352	342	0	16752-77-5	Methomyl
DUPONT METHYOMYL TECHNICAL	352	366	0	16752-77-5	Methomyl
M1-LV INSECTICIDE	352	384	85588	16752-77-5	Methomyl
M1-SP INSECTICIDE	352	342	85588	16752-77-5	Methomyl
NUDRIN LV INSECTICIDE	83100	27	83979	16752-77-5	Methomyl
NUDRIN SP INSECTICIDE	83100	28	83979	16752-77-5	Methomyl
CORRIDA 29 SL INSECTICIDE	82557	2	0	16752-77-5	Methomyl
CORRIDA 90 WSP INSECTICIDE	82557	3	0	16752-77-5	Methomyl
INTREPID 2F	62719	442	0	161050-58-4	Methoxyfenozide
METHOXYFENOZIDE TECHNICAL	62719	437	0	161050-58-4	Methoxyfenozide
INTREPID EDGE INSECTICIDE	62719	666	0	161050-58-4	Methoxyfenozide
METRIBUZIN 75	34704	876	0	21087-64-9	Metribuzin
TRICOR DF 75% DRY FLOWABLE HERBICIDE	70506	103	0	21087-64-9	Metribuzin
METRIBUZIN 75 DF	66222	106	0	21087-64-9	Metribuzin
TRICOR 4F HERBICIDE	70506	68	0	21087-64-9	Metribuzin
SENCOR 75% TURF HERBICIDE	432	1469	0	21087-64-9	Metribuzin
GLORY HERBICIDE	66222	106	0	21087-64-9	Metribuzin
DREXEL MSMA 6 PLUS	19713	42	0	2163-80-6	MSMA (and salts)
TARGET 6.6	42519	1	0	2163-80-6	MSMA (and salts)
TARGET 6 PLUS	42519	3	0	2163-80-6	MSMA (and salts)
GORDONS TRIMEC PLUS CONCENTRATE	2217	808	0	2163-80-6	MSMA (and salts)
GORDONS TRIMEC PLUS RTU	2217	815	0	2163-80-6	MSMA (and salts)
GORDONS MSMA HERBICIDE	2217	630	0	2163-80-6	MSMA (and salts)
DREXEL MSMA 6.6	19713	41	0	2163-80-6	MSMA (and salts)
DUPONT ACCENT HERBICIDE	352	560	0	111991-09-04	Nicosulfuron
DUPONT ACCENT SC HERBICIDE	352	747	0	111991-09-04	Nicosulfuron
NIC-IT HERBICIDE	67760	74	0	111991-09-04	Nicosulfuron
PRIMERO AGRICULTURAL HERBICIDE	83100	8	83979	111991-09-04	Nicosulfuron
DUPONT ACCENT Q HERBICIDE	352	773	0	111991-09-04	Nicosulfuron
NICOVAL HERBICIDE	352	560	85588	111991-09-04	Nicosulfuron
DUPONT™ PASTORA® HERBICIDE	352	819	0	111991-09-04	Nicosulfuron
VYDATE L INSECTICIDE/NEMATOCIDE	352	372	0	23135-22-0	Oxamyl
DUPONT VYDATE C-LV INSECTICIDE/NEMATOCIDE	352	532	0	23135-22-0	Oxamyl

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
EMESTO SILVER	264	1123	0	494793-67-8	Penflufen
EVERGOL PRIME	264	1119	0	494793-67-8	Penflufen
ACCELERON D-805 FUNGICIDE SEED TREATMENT	264	1119	524	494793-67-8	Penflufen
DUPONT APROACH FUNGICIDE	352	840	0	117428-22-5	*Picoxystrobin*
SONORA 4SC HERBICIDE	66222	38	0	1610-78-0	Prometon
PRAMITOL 25E HERBICIDE	66222	22	0	1610-78-0	Prometon
TURF KING NON-SELECTIVE HERBICIDE	10088	55	68562	1610-78-0	Prometon
PRAMITOL 25E HERBICIDE	66222	22	34704	1610-78-0	Prometon
BONIDE TOTAL VEGETATION KILLER	4	446	0	1610-78-0	Prometon
LILLY MILLER CONCENTRATED NOXALL VEGETATION KILLER	66222	45	33116	1610-78-0	Prometon
MISTY WEED-A-CIDE CF	10807	206	0	1610-78-0	Prometon
AGISOLUTIONS PRAMITOL 25E HERBICIDE	66222	22	9779	1610-78-0	Prometon
SPECTRACIDE VEGETATION KILLER READY TO USE	9688	218	8845	1610-78-0	Prometon
SPECTRACIDE VEGETATION KILLER CONCENTRATE 2	9688	198	8845	1610-78-0	Prometon
CAPAROL 4L HERBICIDE	100	620	0	7287-19-6	Prometryn
COTTON PRO	66222	15	0	7287-19-6	Prometryn
VEGETABLE PRO HERBICIDE	66222	15	0	7287-19-6	Prometryn
PEAK HERBICIDE	100	763	0	94125-34-5	Prosulfuron
ENDEAVOR INSECTICIDE	100	913	0	123312-89-0	Pymetrozine
FULFILL INSECTICIDE	100	912	0	123312-89-0	Pymetrozine
DUPONT (TM) STAPLE (R) HERBICIDE	352	576	0	123343-16-8	Pyrithiobac-sodium
DUPONT STAPLE LX HERBICIDE	352	613	0	123343-16-8	Pyrithiobac-sodium
PYSONEX HERBICIDE	352	613	85588	123343-16-8	Pyrithiobac-sodium
PYRIMAX™ 3.2 L HERBICIDE	66222	175	0	123343-16-8	Pyrithiobac-sodium
BAYER ADVANCED ALL-IN-ONE LAWN WEED & CRABGRASS KILLER READY-TO-SPRAY	2217	894	72155	84087-01-4	Quinclorac
QUINCEPT HERBICIDE	228	531	0	84087-01-4	Quinclorac
LESCO MOMENTUM Q HERBICIDE	228	531	0	84087-01-4	Quinclorac
DRIVE XLR8 HERBICIDE	7969	272	0	84087-01-4	Quinclorac
FERTI-LOME WEED OUT WITH Q READY TO USE	2217	906	7401	84087-01-4	Quinclorac
QUINCLORAC 75 DF	66222	160	0	84087-01-4	Quinclorac
NUFARM QUINCLORAC SPC 75 DF HERBICIDE	228	592	0	84087-01-4	Quinclorac

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
SCOTTS EZ LAWN WEED KILLER	239	2689	538	84087-01-4	Quinclorac
FACET L HERBICIDE	7969	315	0	84087-01-4	Quinclorac
EXPERT GARDENER CRABGRASS & BROADLEAF WEED KILLER	2217	978	59144	84087-01-4	Quinclorac
BAYER ADVANCED ALL-IN-ONE ROSE & FLOWER CARE CONCENTRATE	72155	21	0	107534-96-3	Tebuconazole
BAYER ADVANCED DISEASE CONTROL FOR ROSES FLOWERS & SHRUBS CONCENTRATE	72155	14	0	107534-96-3	Tebuconazole
BAYER CROPSOURCE RAXIL MD FUNGICIDE	264	967	0	107534-96-3	Tebuconazole
TEBUZOL 3.6 FUNGICIDE	70506	114	0	107534-96-3	Tebuconazole
ORIOUS 3.6F FOLIAR FUNGICIDE	66222	117	0	107534-96-3	Tebuconazole
TEBUJECT 16	7946	28	0	107534-96-3	Tebuconazole
MTZ	3008	97	0	107534-96-3	Tebuconazole
AMTIDE TEBU 3.6F FOLIAR FUNGICIDE	84154	9	0	107534-96-3	Tebuconazole
PROSARO 421 SC FUNGICIDE	264	862	0	107534-96-3	Tebuconazole
AMTIDE TEBUCONAZOLE 45WDG FUNGICIDE	83851	4	0	107534-96-3	Tebuconazole
MONSOON	34704	900	0	107534-96-3	Tebuconazole
ORIOUS 20AQ FOLIAR FUNGICIDE	66222	128	0	107534-96-3	Tebuconazole
PROCEED MD FUNGICIDE	264	1072	0	107534-96-3	Tebuconazole
QUALI-PRO TEBUCONAZOLE 3.6F FOLIAR FUNGICIDE	66222	117	0	107534-96-3	Tebuconazole
TORQUE FUNGICIDE	1001	87	0	107534-96-3	Tebuconazole
CLEARSCAPE ETQ TURF FUNGICIDE	60063	46	0	107534-96-3	Tebuconazole
FERTI-LOME 2-N-1 SYSTEMIC	69361	19	7401	107534-96-3	Tebuconazole
PHOENIX SKYLARK FUNGICIDE	70506	247	0	107534-96-3	Tebuconazole
TEBUSTAR 36L	42750	99	0	107534-96-3	Tebuconazole
TEBUCIURE FUNGICIDE 3.6	83222	19	0	107534-96-3	Tebuconazole
RAXIL MD EXTRA FUNGICIDE	264	976	0	107534-96-3	Tebuconazole
TEBUSTAR 250 ST SEED TREATMENT FUNGICIDE	42750	130	0	107534-96-3	Tebuconazole
SATIVA 309 FS FUNGICIDE	55146	101	0	107534-96-3	Tebuconazole
TEBUCONAZOLE 3.6F T&O	42750	99	0	107534-96-3	Tebuconazole
MIRAGE STRESSGARD	432	1529	0	107534-96-3	Tebuconazole
CONFIRM 2F	62719	420	0	112410-23-8	Tebufenazide
MIMIC 2LV	62719	439	0	112410-23-8	Tebufenazide
CONFIRM T/O	62719	420	0	112410-23-8	Tebufenazide
CONFIRM 2F INSECTICIDE	8033	111	10163	112410-23-8	Tebufenazide

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

Brand Name	EPA1	EPA2	EPA3	CAS NUMBER	ACTIVE INGREDIENT
LAUDIS	264	860	0	335104-84-2	Tembotrione
ACTARA INSECTICIDE	100	938	0	153719-23-4	Thiamethoxam
PLATINUM INSECTICIDE	100	939	0	153719-23-4	Thiamethoxam
CENTRIC 40WG INSECTICIDE	100	1147	0	153719-23-4	Thiamethoxam
FLAGSHIP 25WG	100	955	0	153719-23-4	Thiamethoxam
OPTIGARD ZT INSECTICIDE	100	1170	0	153719-23-4	Thiamethoxam
MERIDIAN 25WG	100	943	0	153719-23-4	Thiamethoxam
MERIDIAN 0.33G INSECTICIDE	100	961	0	153719-23-4	Thiamethoxam
FLAGSHIP 0.22G INSECTICIDE	100	960	0	153719-23-4	Thiamethoxam
OPTIGARD ANT GEL BAIT	100	1260	0	153719-23-4	Thiamethoxam
PLATINUM 75 SG INSECTICIDE	100	1291	0	153719-23-4	Thiamethoxam
OPTIGARD FLEX LIQUID INSECTICIDE	100	1306	0	153719-23-4	Thiamethoxam
MAXIDE PROFESSIONAL GRADE DUAL ACTION GRUB KILLER	100	1289	85579	153719-23-4	Thiamethoxam
CRUISER 70WS INSECTICIDE	100	1294	0	153719-23-4	Thiamethoxam
MAXIDE DUAL ACTION INSECT KILLER	100	1304	85579	153719-23-4	Thiamethoxam
AGRI-FLEX MITICIDE/INSECTICIDE	100	1350	0	153719-23-4	Thiamethoxam
ACCELERON INT-210 INSECTICIDE AND NEMATICIDE SEED TREATMENT	100	1321	0	153719-23-4	Thiamethoxam
RAID ANT GEL	100	1261	4822	153719-23-4	Thiamethoxam
AGITA 10 WG	70585	10	0	153719-23-4	Thiamethoxam
AGITA 1GB FLY BAIT	70585	9	0	153719-23-4	Thiamethoxam
AMDRO QUICK KILL LAWN & LANDSCAPE INSECT KILLER GRANULES	100	1304	73342	153719-23-4	Thiamethoxam
TANDEM INSECTICIDE	100	1437	0	153719-23-4	Thiamethoxam
CRUISERMAXX POTATO EXTREME	100	1444	0	153719-23-4	Thiamethoxam
CRUISERMAXX VIBRANCE CEREALS	100	1383	0	153719-23-4	Thiamethoxam
BONIDE ROSE SHIELD CONCENTRATE	100	1367	4	153719-23-4	Thiamethoxam
CELSIUS™ WG HERBICIDE	432	1507	0	317815-83-1	Thiencarbazon-methyl
CAPRENO HERBICIDE	264	1063	0	317815-83-1	Thiencarbazon-methyl
TRIBUTE TOTAL	432	1519	0	317815-83-1	Thiencarbazon-methyl
IMPACT	5481	524	0	210631-68-8	Topramezone
FREQUENCY HERBICIDE	7969	281	0	210631-68-8	Topramezone
ARMEZON HERBICIDE	7969	262	0	210631-68-8	Topramezone
PYLEX HERBICIDE	7969	327	0	210631-68-8	Topramezone
TRYCERA SELECTIVE BROADLEAF HERBICIDE	5905	580	0	55335-06-3	Triclopyr

Table 4: Agricultural Pesticides on the 2014 Groundwater Protection List (GWPL)

<i>Brand Name</i>	<i>EPA1</i>	<i>EPA2</i>	<i>EPA3</i>	<i>CAS NUMBER</i>	<i>ACTIVE INGREDIENT</i>
NAVITROL LANDSCAPE & AQUATIC HERBICIDE	8959	56	0	55335-06-3	Triclopyr
PASTUREGARD HL HERBICIDE	62719	637	0	55335-06-3	Triclopyr
IMAGE HERBICIDE BRUSH & VINE KILLER READY-TO-USE	802	596	73342	55335-06-3	Triclopyr
GODONS PASTURE PRO BRUSH KILLER FOR HARD-TO-KILL BRUSH	2217	952	0	55335-06-3	Triclopyr
RELEGATE SELECTIVE HERBICIDE	228	521	0	55335-06-3	Triclopyr
HI-YIELD TURFLON ESTER ULTRA	62719	566	7401	55335-06-3	Triclopyr
FERTI-LOME CUT VINE & STUMP KILLER READY TO USE	62719	226	7401	55335-06-3	Triclopyr
MONTEREY BRUSH & VINE CONTROL	62719	226	54705	55335-06-3	Triclopyr
LEBANON PROSCAPE FERTILIZER WITH CONFRONT HERBICIDE 19-0-7	62719	262	961	55335-06-3	Triclopyr
T-ZONE SE BROADLEAF HERBICIDE FOR TOUGH WEEDS	2217	976	0	55335-06-3	Triclopyr
PRIMO MAXX	100	937	0	95266-40-3	Trinexapac-ethyl
PODIUM	100	937	0	95266-40-3	Trinexapac-ethyl
GOLDWING	81943	12	0	95266-40-3	Trinexapac-ethyl
PROVAIR PGR	72112	11	0	95266-40-3	Trinexapac-ethyl
LEGACY TURF GROWTH REGULATOR	67690	46	0	95266-40-3	Trinexapac-ethyl
LESCO REGIMAX PGR TM	228	635	10404	95266-40-3	Trinexapac-ethyl
GAME UP TM PLANT GROWTH REGULATOR	34704	1005	0	95266-40-3	Trinexapac-ethyl
QUALI-PRO T-NEX 1AQ	66222	212	0	95266-40-3	Trinexapac-ethyl
PRIMERAONE TRINEXAPAC-ETHYL	66222	212	0	95266-40-3	Trinexapac-ethyl
ARMORTECH PGR 113MC	86064	3	0	95266-40-3	Trinexapac-ethyl
NUFARM T-PAC SPC MEC PLANT GROWTH REGULATOR	228	635	0	95266-40-3	Trinexapac-ethyl
PALISADE 2EC	100	1241	0	95266-40-3	Trinexapac-ethyl
PALISADE EC	100	949	0	95266-40-3	Trinexapac-ethyl
PHOENIX GOLDWING	70506	259	0	95266-40-3	Trinexapac-ethyl

* New addition to the GWPL

**Active Ingredient previously placed on the GWPL, registered to an additional company.

Groundwater Monitoring and Testing (A.R.S. § 49-307.A)

Pursuant to A.R.S. § 49-307, in order to accurately determine the mobility of pesticides with active ingredients on the GWPL, ADEQ is required to conduct regular monitoring and testing of groundwater in areas where these pesticides are widely used. In the past, ADEQ's groundwater monitoring effort was confined to two areas – Yuma and Maricopa counties – where extensive pesticide usage, permeable soils and shallow groundwater make them vulnerable to pesticide pollution. In April 2010, the groundwater monitoring network was extended to the Safford-Thatcher area of Graham County where seven monitoring wells were installed with the help of funds provided by the EPA through the ADA.

Groundwater samples were collected only once in 2013, in April, and were collected from wells in the Yuma, Buckeye and Safford areas. ADEQ attempted to sample seven groundwater monitoring wells in the Safford-Thatcher area. Of the seven attempted to sample groundwater monitoring wells, four of the monitoring wells were dry, two monitoring wells had limited amount of water in the casing and the pumps could not bring the water to the surface and one monitoring well (SW-8) was sampled. There were no detections above the method reporting limit (MRL) for any of the pesticides on the 2012 GWPL from groundwater monitoring well SW-8. ADEQ attempted to sample six groundwater monitoring wells in Maricopa County. One groundwater monitoring well, MW-5, was filled with dirt. Of the five groundwater monitoring wells sampled, one well, MW-8, did not have any detections of pesticides above their respective MRLs. The four other wells had detections of the following pesticides: Atrazine, Imazamox and Imazethapyr Group (Imazethapyr). Concentration ranges are presented in Table 5. ADEQ attempted to sample fifteen groundwater monitoring wells in Yuma County. Three of the wells could not be found and twelve groundwater monitoring wells were sampled. Five of the wells (YW-2, YW-10B, YW-15, YW-46 and YW-51) did not have any detection of pesticides above their respective MRLs. The other seven wells (YW-7, YW-9, YW-12, YW-14, YW-27, YW-35 and YW-47) had detections of the following pesticides: Dimethomorph, Dinotefuran, Imazamox, Imazethapyr Group (Imazethapyr), Imidacloprid and Methoxyfenozide. Concentration ranges are presented in Table 5. None of the pesticide active ingredients on this list belong to those identified by the EPA as “Pesticides of Concern.” No regulatory action is required for these pesticides although changes in their concentrations are being closely monitored. None of the concentrations detected in groundwater exceed any applicable federal or state standards, or pose any appreciable risk to human health.

<i>Table 5: Detected Pesticides of Interest in Groundwater</i>		
<i>Active Ingredient</i>	<i>Type of Pesticide</i>	<i>Concentration Range</i> micrograms per liter (ug/l)
Atrazine	Herbicide	(<0.02 – 0.03)
Dimethomorph	Fungicide	(<0.03 – 0.1)
Dinotefuran	Insecticide	(<0.02 – 0.3)
Imazamox	Herbicide	(<0.02 – 0.22)

<i>Table 5: Detected Pesticides of Interest in Groundwater</i>		
<i>Active Ingredient</i>	<i>Type of Pesticide</i>	<i>Concentration Range</i> micrograms per liter (ug/l)
Imazethapyr	Herbicide	(<0.02 - 0.12)
Imidacloprid	Insecticide	(<0.02 - 0.31)
Methoxyfenozide	Insecticide	(<0.02 - 0.25)

Use Information on Agricultural Pesticides on the GWPL (A.R.S. § 49-303.C.4)

State statutes and rules require a pesticide user to file reports on the use of agricultural-use pesticides on the GWPL (A.R.S. § 49-305.B and A.A.C. R18-6-303.B). Since this information can be obtained from the pesticide application report (Form 1080) that pesticide users must submit to the ADA prior to use, ADEQ allows the use of Form 1080 to fulfill this reporting requirement. The pesticide use information is presented in the following tables that were prepared with the assistance of the ADA:

- Use information on agricultural-use pesticides on the GWPL in Table 3 that were intended for soil application *within* Arizona between Jan. 1, 2013 and Dec. 31, 2013 (Table 6).
- Use information on agricultural-use pesticides on the GWPL in Table 3 that were intended for soil application *within each county* in Arizona between Jan. 1, 2013 and Dec. 31, 2013 (Table 7).

Table 6: Reported Use of Pesticides in Arizona January 1, 2013 – December 31, 2013

Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
AATREX 4L HERBICIDE	HERBICIDE	100	497	0	Atrazine	1082	GAL	3378	42.60	460.93 2	GAL
ABOUND FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	455	GAL	443	22.90	104.19 5	GAL
ABOUND FLOWABLE FUNGICIDE	FUNGICIDE	10182	415	0	Azoxystrobin	2	GAL	16	22.90	0.458	GAL
ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)	48	GAL	257	26.20	12.576	GAL
ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	82035	GAL	2807	26.20	21493. 17	GAL
ACROBAT MZ FUNGICIDE	FUNGICIDE	241	383	0	Dimethomorph	174	LBS	87	9.00	15.66	LBS
ACTARA INSECTICIDE	INSECTICIDE	100	938	0	Thiamethoxam	4	GAL	101	25.00	1	GAL
ACTARA INSECTICIDE	INSECTICIDE	100	938	0	Thiamethoxam	26	LBS	120	25.00	6.5	LBS
ACTIGARD 50 WG PLANT ACTIVATOR	MILDEWSTAT	100	922	0	1,2,3-Benzothiadiazole-7-carbothioic acid, S-methyl ester	39	GAL	6350	50.00	19.5	GAL
ADIOS COTTON DEFOLIANT	DEFOLIANT	66330	344	0	Diuron	11	GAL	163	6.00	0.66	GAL
ADMIRE 2 FLOWABLE INSECTICIDE (SLN AZ-040003)	INSECTICIDE	264	758	0	Imidacloprid	564	GAL	1383	21.40	120.69 6	GAL
ADMIRE PRO SYSTEMIC PROTECTANT INSECTICIDE	INSECTICIDE	264	827	0	Imidacloprid	1267	GAL	13373	42.80	542.27 6	GAL
AGRI-FLEX MITICIDE/INSECTICIDE	MITICIDE	100	1350	0	Thiamethoxam	1	GAL	10	13.90	0.139	GAL
AGRISOLUTIONS ADVISE 2FL	INSECTICIDE	1381	205	0	Imidacloprid	7	GAL	36	21.40	1.498	GAL
AGRISOLUTIONS ATRAZINE 4L	HERBICIDE	1381	158	0	Atrazine	196	GAL	782	42.12	82.555 2	GAL
AGRISOLUTIONS STERLING BLUE HERBICIDE	HERBICIDE	7969	137	1381	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	4	GAL	120	56.80	2.272	GAL
ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	1553	GAL	9001	21.40	332.34 2	GAL
ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	752	GAL	118	21.80	163.93 6	GAL

Table 6: Reported Use of Pesticides in Arizona January 1, 2013 – December 31, 2013											
Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	221	LBS	9	21.80	48.178	LBS
ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	62	GAL	530	21.40	13.268	GAL
ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	628	GAL	3720	21.80	136.90 4	GAL
ATRAZINE 4L HERBICIDE	HERBICIDE	34704	69	0	Atrazine	195	GAL	815	42.20	82.29	GAL
ATRAZINE 4L HERBICIDE	HERBICIDE	34704	69	0	Atrazine	339	GAL	869	42.90	145.43 1	GAL
ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	830	GAL	3326	42.20	350.26	GAL
ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	119	GAL	484	42.60	50.694	GAL
ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	735	GAL	1920	42.90	315.31 5	GAL
BASF BEYOND HERBICIDE/CLEARFIELD PRODUCTION SYSTEM	HERBICIDE	241	379	0	Imazamox	63	GAL	1921	12.10	7.623	GAL
BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	2826	GAL	27211	12.10	341.94 6	GAL
BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	279	Flonicamid	328	GAL	9519	50.00	164	GAL
BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	279	Flonicamid	287	LBS	346	50.00	143.5	LBS
BESIEGE INSECTICIDE	INSECTICIDE	100	1402	0	lambda-Cyhalothrin	166	GAL	2825	4.63	7.6858	GAL
BEYOND HERBICIDE	HERBICIDE	241	441	0	Imazamox	1	GAL	34	12.10	0.121	GAL
BLOCKADE 50WG PLANT ACTIVATOR	FUNGICIDE	100	922	0	1,2,3-Benzothiadiazole-7-carbothioic acid, S-methyl ester	12	GAL	1957	50.00	6	GAL
BROCLEAN	HERBICIDE	34704	891	0	Bromoxynil octanoate	40	GAL	210	33.40	13.36	GAL
CADRE DG PEANUT HERBICIDE ECO-PAK WATER SOLUBLE PACKETS	HERBICIDE	241	381	0	Imazapic	368	GAL	461	70.00	257.6	GAL
CAPAROL 4L HERBICIDE	HERBICIDE	100	620	0	Prometryn	49	GAL	171	44.40	21.756	GAL
CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	2839	GAL	87757	50.00	1419.5	GAL
CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	3527	LBS	704	50.00	1763.5	LBS
CENTRIC 40WG INSECYICIDE	INSECTICIDE	100	1147	0	Thiamethoxam	2	GAL	96	40.00	0.8	GAL
CLARITY HERBICIDE	HERBICIDE	7969	137	0	Benzoic acid, 3,6-dichloro-2-methoxy-,	25139	GAL	17326	56.80	14278.	GAL

Table 6: Reported Use of Pesticides in Arizona January 1, 2013 – December 31, 2013											
Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
					compd with 2-(2-aminoethoxy)ethanol (1:1)					952	
COTTON PRO	HERBICIDE	66222	15	0	Prometryn	698	GAL	3362	44.00	307.12	GAL
DETONATE HERBICIDE	HERBICIDE	7969	137	55467	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	81	GAL	1657	56.80	46.008	GAL
DIABLO HERBICIDE	HERBICIDE	228	379	0	Dimethylamine salt of dicamba	1	GAL	22	48.20	0.482	GAL
DISPLAY COTTON HARVEST AID	INSECTICIDE	279	9558	0	Carfentrazone-ethyl	84	GAL	2993	18.04	15.153	GAL
DIURON 4L HERBICIDE	HERBICIDE	34704	854	0	Diuron	130	GAL	521	40.00	6	GAL
DREXEL ATRAZINE 4L HERBICIDE	HERBICIDE	19713	11	0	Atrazine	2272	GAL	7621	42.20	52	GAL
DREXEL DIURON 4L	HERBICIDE	19713	36	0	Diuron	105	GAL	839	40.00	958.78	GAL
DUPONT™ PASTORA® HERBICIDE	HERBICIDE	352	819	0	Nicosulfuron	7	GAL	417	56.20	4	GAL
DUPONT™ PASTORA® HERBICIDE	HERBICIDE	352	819	0	Nicosulfuron	16	LBS	238	56.20	42	GAL
DUPONT ACCENT Q HERBICIDE	HERBICIDE	352	773	0	Nicosulfuron	0	GAL	29	54.50	3.934	LBS
DUPONT CORAGEN INSECT CONTROL	INSECTICIDE	352	729	0	Chlorantraniliprole	702	GAL	18251	18.40	0	GAL
DUPONT CORAGEN INSECT CONTROL	INSECTICIDE	352	729	0	Chlorantraniliprole	128	LBS	28	18.40	129.16	GAL
Dupont Direx 4l herbicide	HERBICIDE	352	678	0	Diuron	8	GAL	415	40.00	23.552	LBS
Dupont Karmex DF Herbicide	HERBICIDE	352	692	0	Diuron	1	GAL	32	80.00	3.2	GAL
DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	24	GAL	278	90.00	0.8	GAL
DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	14447	LBS	15372	90.00	21.6	GAL
DUPONT LOROX DF HERBICIDE	HERBICIDE	352	686	0	Linuron	102	LBS	102	50.00	13002.	LBS
DURIVO	INSECTICIDE	100	1318	0	Chlorantraniliprole	1	GAL	20	8.80	3	LBS
ENDIGO ZC INSECTICIDE	INSECTICIDE	100	1276	0	lambda-Cyhalothrin	482	GAL	14980	9.48	51	LBS
FORUM FUNGICIDE	FUNGICIDE	241	427	0	Dimethomorph	1437	GAL	30480	43.50	0.088	GAL

Table 6: Reported Use of Pesticides in Arizona January 1, 2013 – December 31, 2013											
Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
FORUM FUNGICIDE	FUNGICIDE	241	427	0	Dimethomorph	48	LBS	48	43.50	20.88	LBS
FULFILL INSECTICIDE	INSECTICIDE	100	912	0	1,2,4-Triazin-3(2H)-one, 4,5-dihydro-6-methyl-4-{{(3-pyridinylmethylene)amino}-, (E)-	24	GAL	1133	50.00	12	GAL
FULFILL INSECTICIDE	INSECTICIDE	100	912	0	1,2,4-Triazin-3(2H)-one, 4,5-dihydro-6-methyl-4-{{(3-pyridinylmethylene)amino}-, (E)-	105	LBS	663	50.00	52.5	LBS
GINSTAR EC COTTON DEFOLIANT	DEFOLIANT	264	634	0	Thidiazuron	1362	GAL	12289	12.00	163.44	GAL
GOWAN PROMETRYNE 4L HERBICIDE	HERBICIDE	10163	94	0	Prometryn	58	GAL	111	44.40	25.752	GAL
IMPACT	HERBICIDE	5481	524	0	Methanone, [3-(4,5-dihydro-3-isoxazolyl)-2-methyl-4-(methylsulfonyl)phenyl](5-hydroxy-1-methyl-1H-pyrazol-4-yl)-	1	GAL	240	29.70	0.297	GAL
IMPETUS LIQUID ANT BAIT	INSECTICIDE	264	857	0	Imidacloprid	1	GAL	16	0.01	0.0000	GAL
INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	3173	GAL	61659	22.60	717.09	GAL
ISK BIOSCIENCE BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	0	Flonicamid	6	GAL	278	50.00	3	GAL
LEVERAGE 360 INSECTICIDE	INSECTICIDE	264	1104	0	Imidacloprid	30	GAL	1298	0.24	0.0705	GAL
LIBERTY 280 SL HERBICIDE	HERBICIDE	264	829	0	Glufosinate	95	GAL	356	24.50	23.275	GAL
LOROX DF HERBICIDE	HERBICIDE	1812	320	0	Linuron	12	LBS	10	50.00	6	LBS
LOROX® DF HERBICIDE	HERBICIDE	61842	23	0	Linuron	174	LBS	117	50.00	87	LBS
MACHO 2.0 FL	INSECTICIDE	42750	110	0	Imidacloprid	3	GAL	15	21.40	0.642	GAL
MANA ALIAS TM 4F FLOWABLE INSECTICIDE	INSECTICIDE	66222	156	0	Imidacloprid	68	GAL	4499	42.30	28.764	GAL
MANEB 75DF DRY FLOWABLE FUNGICIDE	FUNGICIDE	70506	186	0	Maneb	296	LBS	99	75.00	222	LBS
MONSOON	FUNGICIDE	34704	900	0	Tebuconazole	8	GAL	120	38.70	3.096	GAL
NUDRIN SP INSECTICIDE	INSECTICIDE	83100	28	83979	Methomyl	1174	LBS	1914	90.00	1056.6	LBS
NUPRID 2SC SOIL/FOLIAR INSECTICDE	INSECTICIDE	228	572	0	Imidacloprid	403	GAL	2384	21.40	86.242	GAL

<i>Table 6: Reported Use of Pesticides in Arizona January 1, 2013 – December 31, 2013</i>											
Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
ORIOUS 3.6F FOLIAR FUNGICIDE	FUNGICIDE	66222	117	0	Tebuconazole	210	GAL	3363	38.70	81.27	GAL
OSPREY HERBICIDE	HERBICIDE	264	802	0	Mesosulfuron-methyl	44	GAL	1236	4.50	1.98	GAL
OSPREY HERBICIDE	HERBICIDE	264	802	0	Mesosulfuron-methyl	95	LBS	384	4.50	4.275	LBS
PALISADE EC	HERBICIDE	100	949	0	Trinexapac-ethyl	970	GAL	6377	12.00	116.4	GAL
PRIMERAONE IMIDACLOPRID 2F TURF & ORNAMENTAL INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	5	GAL	30	21.40	1.07	GAL
PROCLAIM INSECTICIDE	INSECTICIDE	100	904	0	Emamectin benzoate	402	GAL	13126	5.00	20.1	GAL
PROCLAIM INSECTICIDE	INSECTICIDE	100	904	0	Emamectin benzoate	153	LBS	682	5.00	7.65	LBS
PROFINE 75 HERBICIDE	HERBICIDE	2749	528	0	Halosulfuron-methyl	6	LBS	110	75.00	4.5	LBS
PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	2534	GAL	16553	22.87	579.52 58	GAL
PYLON MITICIDE-INSECTICIDE	MITICIDE	241	374	0	Chlorfenapyr	3	GAL	125	21.40	0.642	GAL
QUADRIIS FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	6327	GAL	17407	22.90	1448.8 83	GAL
QUALI-PRO IMIDACLOPRID 2F TURF & ORNAMENTAL INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	15	GAL	81	21.40	3.21	GAL
QUILT FUNGICIDE	FUNGICIDE	100	1178	0	Azoxystrobin	13	GAL	125	7.00	0.91	GAL
REDI-PIK 1.5EC COTTON DEFOLIANT	DEFOLIANT	264	634	66222	Thidiazuron	933	GAL	12403	12.00	111.96	GAL
REDI-PIK1.5EC COTTON DEFOLIANT	DEFOLIANT	66222	137	0	Thidiazuron	51712	GAL	18068	12.00	6205.4 4	GAL
REVUS	FUNGICIDE	100	1254	0	Mandipropamide Technical	3111	GAL	50313	23.30	724.86 3	GAL
REVUS	FUNGICIDE	100	1254	0	Mandipropamide Technical	274	LBS	34	23.30	63.842	LBS
SANDEA HERBICIDE	HERBICIDE	81880	18	10163	Halosulfuron-methyl	6	GAL	655	75.00	4.5	GAL
SANDEA HERBICIDE	HERBICIDE	81880	18	10163	Halosulfuron-methyl	3	LBS	40	75.00	2.25	LBS
SCORPION™ 35SL INSECTICIDE	INSECTICIDE	10163	317	0	Dinotefuran	52	GAL	1282	35.00	18.2	GAL

Table 6: Reported Use of Pesticides in Arizona January 1, 2013 – December 31, 2013											
Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
SEKOR 4L HERBICIDE	HERBICIDE	66222	54	0	Diuron	4	GAL	228	40.70	1.628	GAL
SEVIN 5 BAIT	INSECTICIDE	2935	366	0	Carbaryl	8727	LBS	971	5.00	436.35	LBS
SEVIN BRAND XLR PLUS CARBARYL INSECTICIDE	INSECTICIDE	264	333	0	Carbaryl	3	GAL	7	44.10	1.323	GAL
SHARPEN X POWERED BY KIXOR HERBICIDE	HERBICIDE	7969	278	0	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-	3	GAL	165	29.70	0.891	GAL
STATURE DM FUNGICIDE	FUNGICIDE	241	419	0	Dimethomorph	157	GAL	139	50.00	78.5	GAL
STRUT HERBICIDE	HERBICIDE	34704	1043	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	2	GAL	42	56.80	1.136	GAL
SWAGGER	INSECTICIDE	34704	1045	0	Bifenthrin	3	GAL	34	5.70	0.171	GAL
TARGET 6 PLUS	HERBICIDE	42519	3	0	MSMA (and salts)	48	GAL	193	48.30	23.184	GAL
TEBUCIURE FUNGICIDE 3.6	FUNGICIDE	83222	19	0	Tebuconazole	73	GAL	1337	38.70	28.251	GAL
TEBUCONAZOLE 3.6F T&O	HERBICIDE	42750	99	0	Tebuconazole	9	GAL	200	38.70	3.483	GAL
TEBUSTAR 36L	FUNGICIDE	42750	99	0	Tebuconazole	23	GAL	358	38.70	8.901	GAL
THIODAN WSB INSECTICIDE	INSECTICIDE	279	3129	0	Endosulfan	22	GAL	711	50.00	11	GAL
THUNDER	HERBICIDE	42750	146	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	59	GAL	1388	22.87	13.493 3	GAL
TRICOR DF 75% DRY FLOWABLE HERBICIDE	HERBICIDE	70506	103	0	Metribuzin	0	GAL	79	75.00	0	GAL
TRICOR DF 75% DRY FLOWABLE HERBICIDE	HERBICIDE	70506	103	0	Metribuzin	58	LBS	114	75.00	43.5	LBS
VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	340	GAL	7447	70.00	238	GAL
VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	63	LBS	469	70.00	44.1	LBS
VEGETABLE PRO HERBICIDE	HERBICIDE	66222	15	0	Prometryn	57	GAL	156	44.00	25.08	GAL
VENOM 20 SG INSECTICIDE	INSECTICIDE	33657	17	59639	Dinotefuran	1	GAL	18	20.00	0.2	GAL
VOLIAM FLEXI INSECTICIDE	INSECTICIDE	100	1319	0	Chlorantraniliprole	29	GAL	727	20.00	5.8	GAL

Table 6: Reported Use of Pesticides in Arizona January 1, 2013 - December 31, 2013											
Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Total	Units	Acres	AI %	Total AI Applied	Units
VOLIAM FLEXI INSECTICIDE	INSECTICIDE	100	1319	0	Chlorantraniliprole	193	LBS	758	20.00	38.6	LBS
VOLIAM XPRESS INSECTICIDE	INSECTICIDE	100	1320	0	lambda-Cyhalothrin	855	GAL	11277	4.63	39.586 5	GAL
WRANGLER INSECTICIDE	INSECTICIDE	34704	931	0	Imidacloprid	29	GAL	397	40.70	11.803	GAL
ZAMPRO FUNGICIDE	FUNGICIDE	7969	302	0	Ametoctradin	45	GAL	426	26.90	12.105	GAL
H = Herbicide	F = Fungicide				O = Ovicides	R = Regulator					
I = Insecticide	M = Miticides				N = Nematicide	D = Defoliant					

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
COCHISE	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	23	GAL	169	26.2	6.026	GAL
COCHISE	AGRISOLUTIONS ATRAZINE 4L	HERBICIDE	1381	158	0	Atrazine	196	GAL	782	42.12	82.5552	GAL
COCHISE	ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	903	GAL	2345	42.9	387.387	GAL
COCHISE	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	103	GAL	2813	12.1	12.463	GAL
COCHISE	CLARITY HERBICIDE	HERBICIDE	7969	137	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	138	GAL	4912	56.8	78.384	GAL
COCHISE	DREXEL ATRAZINE 4L HERBICIDE	HERBICIDE	19713	11	0	Atrazine	1582	GAL	5742	42.2	667.604	GAL
COCHISE	DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	60	LBS	120	90	54	LBS
COCHISE	GINSTAR EC COTTON DEFOLIANT	DEFOLIANT	264	634	0	Thidiazuron	104	GAL	1648	12	12.48	GAL
COCHISE	IMPACT	HERBICIDE	5481	524	0	Methanone, [3-(4,5-dihydro-3-isoxazolyl)-2-methyl-4-(methylsulfonyl)phenyl](5-hydroxy-1-methyl-1H-pyrazol-4-yl)-	1	GAL	240	29.7	0.297	GAL
COCHISE	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	70	GAL	992	22.6	15.82	GAL
COCHISE	MONSOON	FUNGICIDE	34704	900	0	Tebuconazole	8	GAL	120	38.7	3.096	GAL
COCHISE	ORIOUS 3.6F FOLIAR FUNGICIDE	FUNGICIDE	66222	117	0	Tebuconazole	210	GAL	3363	38.7	81.27	GAL
COCHISE	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	2	GAL	80	22.87	0.4574	GAL
COCHISE	QUADRI FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	319	GAL	4340	22.9	73.051	GAL
COCHISE	SHARPEN X POWERED BY KIXOR HERBICIDE	HERBICIDE	7969	278	0	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-	1	GAL	40	29.7	0.297	GAL
COCHISE	TEBUCIURE FUNGICIDE 3.6	FUNGICIDE	83222	19	0	Tebuconazole	73	GAL	1337	38.7	28.251	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
GRAHAM	ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	120	GAL	240	42.9	51.48	GAL
GRAHAM	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	30	GAL	960	12.1	3.63	GAL
GRAHAM	CLARITY HERBICIDE	HERBICIDE	7969	137	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	60	GAL	1035	56.8	34.08	GAL
GRAHAM	DREXEL ATRAZINE 4L HERBICIDE	HERBICIDE	19713	11	0	Atrazine	470	GAL	1080	42.2	198.34	GAL
GRAHAM	SHARPEN X POWERED BY KIXOR HERBICIDE	HERBICIDE	7969	278	0	Benzamide, 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]-4-fluoro-N-[[methyl(1-methylethyl)amino]sulfonyl]-	2	GAL	125	29.7	0.594	GAL
LA PAZ	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)	7	GAL	40	26.2	1.834	GAL
LA PAZ	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	274	GAL	1131	26.2	71.788	GAL
LA PAZ	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	79	GAL	567	21.8	17.222	GAL
LA PAZ	BASF BEYOND HERBICIDE/CLEARFIELD PRODUCTION SYSTEM	HERBICIDE	241	379	0	Imazamox	3	GAL	149	12.1	0.363	GAL
LA PAZ	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	159	GAL	3849	12.1	19.239	GAL
LA PAZ	BESIEGE INSECTICIDE	INSECTICIDE	100	1402	0	lambda-Cyhalothrin	3	GAL	73	4.63	0.1389	GAL
LA PAZ	BROCLEAN	HERBICIDE	34704	891	0	Bromoxynil octanoate	31	GAL	173	33.4	10.354	GAL
LA PAZ	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	44	GAL	2143	50	22	GAL
LA PAZ	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	58	LBS	344	50	29	LBS
LA PAZ	DISPLAY COTTON HARVEST AID	INSECTICIDE	279	9558	0	Carfentrazone-ethyl	0	GAL	34	18.04	0	GAL
LA PAZ	DREXEL ATRAZINE 4L HERBICIDE	HERBICIDE	19713	11	0	Atrazine	19	GAL	101	42.2	8.018	GAL
LA PAZ	DUPONT™ PASTORA® HERBICIDE	HERBICIDE	352	819	0	Nicosulfuron	0	GAL	34	56.2	0	GAL
LA PAZ	Dupont Direx 4l herbicide	HERBICIDE	352	678	0	Diuron	8	GAL	415	40	3.2	GAL
LA PAZ	DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	132	LBS	200	90	118.8	LBS
LA PAZ	GINSTAR EC COTTON DEFOLIANT	DEFOLIANT	264	634	0	Thidiazuron	2	GAL	34	12	0.24	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013

County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
LA PAZ	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	813	GAL	18316	22.6	183.738	GAL
LA PAZ	MANA ALIAS TM 4F FLOWABLE INSECTICIDE	INSECTICIDE	66222	156	0	Imidacloprid	62	GAL	4097	42.3	26.226	GAL
LA PAZ	OSPREY HERBICIDE	HERBICIDE	264	802	0	Mesosulfuron-methyl	95	LBS	384	4.5	4.275	LBS
LA PAZ	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	97	GAL	3289	22.87	22.1839	GAL
LA PAZ	QUADRI FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	12	GAL	195	22.9	2.748	GAL
LA PAZ	REDI-PIK1.5EC COTTON DEFOLIANT	DEFOLIANT	66222	137	0	Thidiazuron	30	GAL	272	12	3.6	GAL
LA PAZ	SEKOR 4L HERBICIDE	HERBICIDE	66222	54	0	Diuron	4	GAL	228	40.7	1.628	GAL
LA PAZ	TARGET 6 PLUS	HERBICIDE	42519	3	0	MSMA (and salts)	48	GAL	193	48.3	23.184	GAL
LA PAZ	THIODAN WSB INSECTICIDE	INSECTICIDE	279	3129	0	Endosulfan	22	GAL	711	50	11	GAL
LA PAZ	TRICOR DF 75% DRY FLOWABLE HERBICIDE	HERBICIDE	70506	103	0	Metribuzin	58	LBS	114	75	43.5	LBS
LA PAZ	VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	19	GAL	481	70	13.3	GAL
LA PAZ	VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	30	LBS	233	70	21	LBS
LA PAZ	WRANGLER INSECTICIDE	INSECTICIDE	34704	931	0	Imidacloprid	18	GAL	286	40.7	7.326	GAL
MARICOPA	AATREX 4L HERBICIDE	HERBICIDE	100	497	0	Atrazine	453	GAL	1670	42.6	192.978	GAL
MARICOPA	ABOUND FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	432	GAL	241	22.9	98.928	GAL
MARICOPA	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with N-methylmethanamine (1:1)	41	GAL	217	26.2	10.742	GAL
MARICOPA	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	40	GAL	220	26.2	10.48	GAL
MARICOPA	ACROBAT MZ FUNGICIDE	FUNGICIDE	241	383	0	Dimethomorph	174	LBS	87	9	15.66	LBS
MARICOPA	ADIOS COTTON DEFOLIANT	DEFOLIANT	66330	344	0	Diuron	11	GAL	163	6	0.66	GAL
MARICOPA	ADMIRE 2 FLOWABLE INSECTICIDE (SLN AZ-040003)	INSECTICIDE	264	758	0	Imidacloprid	560	GAL	1363	21.4	119.84	GAL
MARICOPA	ADMIRE PRO SYSTEMIC PROTECTANT INSECTICIDE	INSECTICIDE	264	827	0	Imidacloprid	9	GAL	72	42.8	3.852	GAL
MARICOPA	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	62	GAL	530	21.4	13.268	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
MARICOPA	ATRAZINE 4L HERBICIDE	HERBICIDE	34704	69	0	Atrazine	104	GAL	449	42.2	43.888	GAL
MARICOPA	ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	458	GAL	1653	42.2	193.276	GAL
MARICOPA	ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	119	GAL	484	42.6	50.694	GAL
MARICOPA	BASF BEYOND HERBICIDE/CLEARFIELD PRODUCTION SYSTEM	HERBICIDE	241	379	0	Imazamox	24	GAL	779	12.1	2.904	GAL
MARICOPA	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	1808	GAL	8316	12.1	218.768	GAL
MARICOPA	BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	279	Flonicamid	2	GAL	92	50	1	GAL
MARICOPA	BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	279	Flonicamid	192	LBS	72	50	96	LBS
MARICOPA	BESIEGE INSECTICIDE	INSECTICIDE	100	1402	0	lambda-Cyhalothrin	37	GAL	759	4.63	1.7131	GAL
MARICOPA	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	169	GAL	8069	50	84.5	GAL
MARICOPA	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	39	LBS	220	50	19.5	LBS
MARICOPA	CLARITY HERBICIDE	HERBICIDE	7969	137	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	9832	GAL	4743	56.8	5584.576	GAL
MARICOPA	COTTON PRO	HERBICIDE	66222	15	0	Prometryn	105	GAL	839	44	46.2	GAL
MARICOPA	DETONATE HERBICIDE	HERBICIDE	7969	137	55467	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	81	GAL	1657	56.8	46.008	GAL
MARICOPA	DIABLO HERBICIDE	HERBICIDE	228	379	0	Dimethylamine salt of dicamba	1	GAL	22	48.2	0.482	GAL
MARICOPA	DISPLAY COTTON HARVEST AID	INSECTICIDE	279	9558	0	Carfentrazone-ethyl	1	GAL	578	18.04	0.1804	GAL
MARICOPA	DREXEL ATRAZINE 4L HERBICIDE	HERBICIDE	19713	11	0	Atrazine	201	GAL	698	42.2	84.822	GAL
MARICOPA	DREXEL DIURON 4L	HERBICIDE	19713	36	0	Diuron	105	GAL	839	40	42	GAL
MARICOPA	DUPONT ACCENT Q HERBICIDE	HERBICIDE	352	773	0	Nicosulfuron	0	GAL	29	54.5	0	GAL
MARICOPA	DUPONT CORAGEN INSECT CONTROL	INSECTICIDE	352	729	0	Chlorantraniliprole	86	GAL	548	18.4	15.824	GAL
MARICOPA	DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	189	LBS	437	90	170.1	LBS
MARICOPA	FORUM FUNGICIDE	FUNGICIDE	241	427	0	Dimethomorph	4	GAL	80	43.5	1.74	GAL
MARICOPA	GINSTAR EC COTTON DEFOLIANT	DEFOLIANT	264	634	0	Thidiazuron	61	GAL	966	12	7.32	GAL
MARICOPA	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	555	GAL	9839	22.6	125.43	GAL
MARICOPA	LEVERAGE 360 INSECTICIDE	INSECTICIDE	264	1104	0	Imidacloprid	29	GAL	1239	0.235	0.06815	GAL
MARICOPA	LIBERTY 280 SL HERBICIDE	HERBICIDE	264	829	0	Glufosinate	39	GAL	140	24.5	9.555	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
MARICOPA	OSPNEY HERBICIDE	HERBICIDE	264	802	0	Mesosulfuron-methyl	13	GAL	362	4.5	0.585	GAL
MARICOPA	PALISADE EC	HERBICIDE	100	949	0	Trinexapac-ethyl	757	GAL	4321	12	90.84	GAL
MARICOPA	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	1725	GAL	5277	22.87	394.5075	GAL
MARICOPA	QUADRI FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	5529	GAL	6853	22.9	1266.141	GAL
MARICOPA	REDI-PIK1.5EC COTTON DEFOLIANT	DEFOLIANT	66222	137	0	Thidiazuron	190	GAL	2374	12	22.8	GAL
MARICOPA	REVUS	FUNGICIDE	100	1254	0	Mandipropamide Technical	30	GAL	473	23.3	6.99	GAL
MARICOPA	SEVIN 5 BAIT	INSECTICIDE	2935	366	0	Carbaryl	8727	LBS	971	5	436.35	LBS
MARICOPA	STATURE DM FUNGICIDE	FUNGICIDE	241	419	0	Dimethomorph	157	GAL	139	50	78.5	GAL
MARICOPA	STRUT HERBICIDE	HERBICIDE	34704	1043	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	1	GAL	22	56.8	0.568	GAL
MARICOPA	TEBUCONAZOLE 3.6F T&O	HERBICIDE	42750	99	0	Tebuconazole	9	GAL	200	38.7	3.483	GAL
MARICOPA	TEBUSTAR 36L	FUNGICIDE	42750	99	0	Tebuconazole	23	GAL	358	38.7	8.901	GAL
MARICOPA	THUNDER	HERBICIDE	42750	146	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	37	GAL	877	22.87	8.4619	GAL
MARICOPA	TRICOR DF 75% DRY FLOWABLE HERBICIDE	HERBICIDE	70506	103	0	Metribuzin	0	GAL	79	75	0	GAL
MARICOPA	VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	223	GAL	3998	70	156.1	GAL
MOHAVE	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	19	GAL	102	26.2	4.978	GAL
MOHAVE	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	5	GAL	138	12.1	0.605	GAL
MOHAVE	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	10	GAL	227	22.6	2.26	GAL
MOHAVE	PROFINE 75 HERBICIDE	HERBICIDE	2749	528	0	Halosulfuron-methyl	6	LBS	110	75	4.5	LBS
MOHAVE	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-	2	GAL	38	22.87	0.4574	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013

County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
						methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid						
NAVAJO	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	6	GAL	295	50	3	GAL
PIMA	ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	96	GAL	481	42.2	40.512	GAL
PIMA	CADRE DG PEANUT HERBICIDE ECO-PAK WATER SOLUBLE PACKETS	HERBICIDE				Imazapic	354	GAL	118	70	247.8	GAL
PIMA	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	171	GAL	7583	50	85.5	GAL
PIMA	COTTON PRO	HERBICIDE	66222	15	0	Prometryn	463	GAL	1845	44	203.72	GAL
PIMA	PALISADE EC	HERBICIDE	100	949	0	Trinexapac-ethyl	27	GAL	318	12	3.24	GAL
PIMA	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	2	GAL	40	22.87	0.4574	GAL
PIMA	QUADRIS FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	7	GAL	50	22.9	1.603	GAL
PIMA	REDI-PIK 1.5EC COTTON DEFOLIANT	DEFOLIANT	264	634	66222	Thidiazuron	226	GAL	3040	12	27.12	GAL
PIMA	REDI-PIK1.5EC COTTON DEFOLIANT	DEFOLIANT	66222	137	0	Thidiazuron	49297	GAL	70	12	5915.64	GAL
PIMA	VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	2	GAL	50	70	1.4	GAL
PINAL	AATREX 4L HERBICIDE	HERBICIDE	100	497	0	Atrazine	629	GAL	1708	42.6	267.954	GAL
PINAL	ABOUND FLOWABLE FUNGICIDE	FUNGICIDE	10182	415	0	Azoxystrobin	2	GAL	16	22.9	0.458	GAL
PINAL	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	81676	GAL	1165	26.2	21399.112	GAL
PINAL	ATRAZINE 4L HERBICIDE	HERBICIDE	34704	69	0	Atrazine	64	GAL	258	42.2	27.008	GAL
PINAL	ATRAZINE 4L HERBICIDE	HERBICIDE	66222	36	0	Atrazine	276	GAL	1192	42.2	116.472	GAL
PINAL	BASF BEYOND HERBICIDE/CLEARFIELD PRODUCTION SYSTEM	HERBICIDE	241	379	0	Imazamox	21	GAL	485	12.1	2.541	GAL
PINAL	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	594	GAL	7077	12.1	71.874	GAL
PINAL	BESIEGE INSECTICIDE	INSECTICIDE	100	1402	0	lambda-Cyhalothrin	85	GAL	1388	4.63	3.9355	GAL
PINAL	CADRE DG PEANUT HERBICIDE ECO-PAK WATER SOLUBLE PACKETS	HERBICIDE	241	381	0	Imazapic	14	GAL	343	70	9.8	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
PINAL	CAPAROL 4L HERBICIDE	HERBICIDE	100	620	0	Prometryn	29	GAL	85	44.4	12.876	GAL
PINAL	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	2375	GAL	66211	50	1187.5	GAL
PINAL	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	3430	LBS	140	50	1715	LBS
PINAL	CENTRIC 40WG INSECYICIDE	INSECTICIDE	100	1147	0	Thiamethoxam	2	GAL	96	40	0.8	GAL
PINAL	CLARITY HERBICIDE	HERBICIDE	7969	137	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	2123	GAL	3021	56.8	1205.864	GAL
PINAL	COTTON PRO	HERBICIDE	66222	15	0	Prometryn	72	GAL	287	44	31.68	GAL
PINAL	DISPLAY COTTON HARVEST AID	INSECTICIDE	279	9558	0	Carfentrazone-ethyl	83	GAL	2283	18.04	14.9732	GAL
PINAL	DIURON 4L HERBICIDE	HERBICIDE	34704	854	0	Diuron	130	GAL	521	40	52	GAL
PINAL	DUPONT TM PASTORA [®] HERBICIDE	HERBICIDE	352	819	0	Nicosulfuron	2	GAL	179	56.2	1.124	GAL
PINAL	GINSTAR EC COTTON DEFOLIANT	DEFOLIANT	264	634	0	Thidiazuron	1112	GAL	8577	12	133.44	GAL
PINAL	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	711	GAL	12171	22.6	160.686	GAL
PINAL	LIBERTY 280 SL HERBICIDE	HERBICIDE	264	829	0	Glufosinate	25	GAL	94	24.5	6.125	GAL
PINAL	MANA ALIAS TM 4F FLOWABLE INSECTICIDE	INSECTICIDE	66222	156	0	Imidacloprid	6	GAL	402	42.3	2.538	GAL
PINAL	OSPREY HERBICIDE	HERBICIDE	264	802	0	Mesosulfuron-methyl	31	GAL	874	4.5	1.395	GAL
PINAL	PALISADE EC	HERBICIDE	100	949	0	Trinexapac-ethyl	146	GAL	1370	12	17.52	GAL
PINAL	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	645	GAL	5657	22.87	147.5115	GAL
PINAL	PYLON MITICIDE-INSECTICIDE	MITICIDE	241	374	0	Chlorfenapyr	3	GAL	125	21.4	0.642	GAL
PINAL	QUADRI FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	377	GAL	5178	22.9	86.333	GAL
PINAL	QUILT FUNGICIDE	FUNGICIDE	100	1178	0	Azoxystrobin	13	GAL	125	7	0.91	GAL
PINAL	REDI-PIK 1.5EC COTTON DEFOLIANT	DEFOLIANT	264	634	66222	Thidiazuron	556	GAL	7116	12	66.72	GAL
PINAL	REDI-PIK1.5EC COTTON DEFOLIANT	DEFOLIANT	66222	137	0	Thidiazuron	1834	GAL	9990	12	220.08	GAL
PINAL	STRUT HERBICIDE	HERBICIDE	34704	1043	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	1	GAL	20	56.8	0.568	GAL
PINAL	THUNDER	HERBICIDE	42750	146	0	Ammonium salt of (+/-)-2-	22	GAL	511	22.87	5.0314	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
						(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid						
YAVAPAI	ADMIRE PRO SYSTEMIC PROTECTANT INSECTICIDE	INSECTICIDE	264	827	0	Imidacloprid	12	GAL	149	42.8	5.136	GAL
YAVAPAI	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	0	GAL	2	21.8	0	GAL
YAVAPAI	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	2	GAL	9	21.8	0.436	GAL
YAVAPAI	DUPONT CORAGEN INSECT CONTROL	INSECTICIDE	352	729	0	Chlorantraniliprole	1	GAL	38	18.4	0.184	GAL
YAVAPAI	DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	111	LBS	126	90	99.9	LBS
YAVAPAI	FORUM FUNGICIDE	FUNGICIDE	241	427	0	Dimethomorph	12	GAL	258	43.5	5.22	GAL
YAVAPAI	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	4	GAL	77	22.6	0.904	GAL
YAVAPAI	NUDRIN SP INSECTICIDE	INSECTICIDE	83100	28	83979	Methomyl	28	LBS	57	90	25.2	LBS
YAVAPAI	PROCLAIM INSECTICIDE	INSECTICIDE	100	904	0	Emamectin benzoate	6	GAL	201	5	0.3	GAL
YAVAPAI	REVUS	FUNGICIDE	100	1254	0	Mandipropamide Technical	15	GAL	267	23.3	3.495	GAL
YAVAPAI	VOLIAM XPRESS INSECTICIDE	INSECTICIDE	100	1320	0	lambda-Cyhalothrin	3	GAL	57	4.63	0.1389	GAL
YUMA	ABOUND FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	23	GAL	202	22.9	5.267	GAL
YUMA	ACETO 2,4-DB200 HERBICIDE	HERBICIDE	2749	516	0	Dimethylamine salt of dicamba	3	GAL	20	26.2	0.786	GAL
YUMA	ACTARA INSECTICIDE	INSECTICIDE	100	938	0	Thiamethoxam	4	GAL	101	25	1	GAL
YUMA	ACTARA INSECTICIDE	INSECTICIDE	100	938	0	Thiamethoxam	26	LBS	120	25	6.5	LBS
YUMA	ACTIGARD 50 WG PLANT ACTIVATOR	MILDEWSTAT	100	922	0	1,2,3-Benzothiadiazole-7-carbothioic acid, S-methyl ester	39	GAL	6350	50	19.5	GAL
YUMA	ADMIRE 2 FLOWABLE INSECTICIDE (SLN AZ-040003)	INSECTICIDE	264	758	0	Imidacloprid	4	GAL	20	21.4	0.856	GAL
YUMA	ADMIRE PRO SYSTEMIC PROTECTANT INSECTICIDE	INSECTICIDE	264	827	0	Imidacloprid	1246	GAL	13152	42.8	533.288	GAL
YUMA	AGRI-FLEX MITICIDE/INSECTICIDE	MITICIDE	100	1350	0	Thiamethoxam	1	GAL	10	13.9	0.139	GAL
YUMA	AGRI SOLUTIONS ADVISE 2FL	INSECTICIDE	1381	205	0	Imidacloprid	7	GAL	36	21.4	1.498	GAL
YUMA	AGRI SOLUTIONS STERLING BLUE HERBICIDE	HERBICIDE	7969	137	1381	Benzoic acid, 3,6-dichloro-2-	4	GAL	120	56.8	2.272	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013

County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
						methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)						
YUMA	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	1553	GAL	9001	21.4	332.342	GAL
YUMA	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	752	GAL	116	21.8	163.936	GAL
YUMA	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	264	758	66222	Imidacloprid	221	LBS	9	21.8	48.178	LBS
YUMA	ALIAS 2F FLOWABLE INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	547	GAL	3144	21.8	119.246	GAL
YUMA	ATRAZINE 4L HERBICIDE	HERBICIDE	34704	69	0	Atrazine	27	GAL	108	42.2	11.394	GAL
YUMA	ATRAZINE 4L HERBICIDE	HERBICIDE	34704	69	0	Atrazine	51	GAL	204	42.9	21.879	GAL
YUMA	BASF BEYOND HERBICIDE/CLEARFIELD PRODUCTION SYSTEM	HERBICIDE	241	379	0	Imazamox	15	GAL	508	12.1	1.815	GAL
YUMA	BASF RAPTOR HERBICIDE	HERBICIDE	241	379	0	Imazamox	127	GAL	4058	12.1	15.367	GAL
YUMA	BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	279	Flonicamid	326	GAL	9427	50	163	GAL
YUMA	BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	279	Flonicamid	95	LBS	274	50	47.5	LBS
YUMA	BESIEGE INSECTICIDE	INSECTICIDE	100	1402	0	lambda-Cyhalothrin	41	GAL	605	4.63	1.8983	GAL
YUMA	BEYOND HERBICIDE	HERBICIDE	241	441	0	Imazamox	1	GAL	34	12.1	0.121	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	1-Naphthalene Acetic Acid	4	LBS	83	50	2	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	3,5-Dimethyl-1,3,5-2H-Tetrahydrothiadiazine	2	LBS	37	50	1	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	3-Iodo-2-propynlbutylcarbamate	0	LBS	9	50	0	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	3-N-butyl-N-Acetyl-aminoprpic acid	1	GAL	91	50	0.5	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	5-Chloro-2-methyl-4-isothiazolin-3-one	1	GAL	113	50	0.5	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Ametoctradin	0	GAL	48	50	0	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Ammonium Nonanoate	0	GAL	57	50	0	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Ammonium Nonanoate	1	LBS	12	50	0.5	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	d/l-allethrolone d-trans chrysanthemate	1	GAL	106	50	0.5	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Fluxapyroxad	1	LBS	30	50	0.5	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Iron Phosphate	2	GAL	309	50	1	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Mono Potassium Phosphate	0	GAL	27	50	0	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Mono Potassium Phosphate	4	LBS	73	50	2	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Paraffinic Oil	1	LBS	11	50	0.5	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Poly (oxyethylene dimeythyliminio) ethylene (dimethyliminio) ethylene dichloride)	0	GAL	22	50	0	GAL
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Poly (oxyethylene dimeythyliminio) ethylene (dimethyliminio) ethylene dichloride)	2	LBS	51	50	1	LBS
YUMA	BION 50WG PLANT ACTIVATOR	HERBICIDE	100	922	0	Potassium Salts of Fatty Acids	0	GAL	47	50	0	GAL
YUMA	BLOCKADE 50WG PLANT ACTIVATOR	FUNGICIDE	100	922	0	1,2,3-Benzothiadiazole-7-carbothioic acid, S-methyl ester	12	GAL	1957	50	6	GAL
YUMA	BROCLEAN	HERBICIDE	34704	891	0	Bromoxynil octanoate	9	GAL	37	33.4	3.006	GAL
YUMA	CAPAROL 4L HERBICIDE	HERBICIDE	100	620	0	Prometryn	20	GAL	86	44.4	8.88	GAL
YUMA	CARBINE 50 WG INSECTICIDE	INSECTICIDE	71512	9	279	Flonicamid	74	GAL	3456	50	37	GAL
YUMA	CLARITY HERBICIDE	HERBICIDE	7969	137	0	Benzoic acid, 3,6-dichloro-2-methoxy-, compd with 2-(2-aminoethoxy)ethanol (1:1)	12986	GAL	3615	56.8	7376.048	GAL
YUMA	COTTON PRO	HERBICIDE	66222	15	0	Prometryn	58	GAL	391	44	25.52	GAL
YUMA	DISPLAY COTTON HARVEST AID	INSECTICIDE	279	9558	0	Carfentrazone-ethyl	0	GAL	98	18.04	0	GAL
YUMA	DUPONT™ PASTORA® HERBICIDE	HERBICIDE	352	819	0	Nicosulfuron	5	GAL	204	56.2	2.81	GAL
YUMA	DUPONT™ PASTORA® HERBICIDE	HERBICIDE	352	819	0	Nicosulfuron	16	LBS	238	56.2	8.992	LBS
YUMA	DUPONT CORAGEN INSECT CONTROL	INSECTICIDE	352	729	0	Chlorantraniliprole	615	GAL	17665	18.4	113.16	GAL
YUMA	DUPONT CORAGEN INSECT CONTROL	INSECTICIDE	352	729	0	Chlorantraniliprole	128	LBS	28	18.4	23.552	LBS
YUMA	Dupont Karmex DF Herbicide	HERBICIDE	352	692	0	Diuron	1	GAL	32	80	0.8	GAL
YUMA	DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	24	GAL	278	90	21.6	GAL
YUMA	DUPONT LANNATE SP INSECTICIDE	INSECTICIDE	352	342	0	Methomyl	13955	LBS	14489	90	12559.5	LBS

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County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
YUMA	DUPONT LOROX DF HERBICIDE	HERBICIDE	352	686	0	Linuron	102	LBS	102	50	51	LBS
YUMA	DURIVO	INSECTICIDE	100	1318	0	Chlorantraniliprole	1	GAL	20	8.8	0.088	GAL
YUMA	ENDIGO ZC INSECTICIDE	INSECTICIDE	100	1254	0	lambda-Cyhalothrin	3	GAL	43	9.48	0.2844	GAL
YUMA	ENDIGO ZC INSECTICIDE	INSECTICIDE	100	1276	0	lambda-Cyhalothrin	479	GAL	14937	9.48	45.4092	GAL
YUMA	FORUM FUNGICIDE	FUNGICIDE	241	427	0	Dimethomorph	1421	GAL	30142	43.5	618.135	GAL
YUMA	FORUM FUNGICIDE	FUNGICIDE	241	427	0	Dimethomorph	48	LBS	48	43.5	20.88	LBS
YUMA	FULFILL INSECTICIDE	INSECTICIDE	100	912	0	1,2,4-Triazin-3(2H)-one, 4,5-dihydro-6-methyl-4-{{(3-pyridinylmethylene)amino}-, (E)-	24	GAL	1133	50	12	GAL
YUMA	FULFILL INSECTICIDE	INSECTICIDE	100	912	0	1,2,4-Triazin-3(2H)-one, 4,5-dihydro-6-methyl-4-{{(3-pyridinylmethylene)amino}-, (E)-	105	LBS	663	50	52.5	LBS
YUMA	GINSTAR EC COTTON DEFOLIANT	DEFOLIANT	264	634	0	Thidiazuron	83	GAL	1064	12	9.96	GAL
YUMA	GOWAN PROMETRYNE 4L HERBICIDE	HERBICIDE	10163	94	0	Prometryn	58	GAL	111	44.4	25.752	GAL
YUMA	IMPETUS LIQUID ANT BAIT	INSECTICIDE	264	857	0	Imidacloprid	1	GAL	16	0.005	0.00005	GAL
YUMA	INTREPID 2F	INSECTICIDE	62719	442	0	Methoxyfenozide	1010	GAL	20037	22.6	228.26	GAL
YUMA	ISK BIOSCIENCE BELEAF 50SG INSECTICIDE	INSECTICIDE	71512	10	0	Flonicamid	6	GAL	278	50	3	GAL
YUMA	LEVERAGE 360 INSECTICIDE	INSECTICIDE	264	1104	0	Imidacloprid	1	GAL	59	0.235	0.00235	GAL
YUMA	LIBERTY 280 SL HERBICIDE	HERBICIDE	264	829	0	Glufosinate	31	GAL	122	24.5	7.595	GAL
YUMA	LOROX DF HERBICIDE	HERBICIDE	1812	320	0	Linuron	12	LBS	10	50	6	LBS
YUMA	LOROX® DF HERBICIDE	HERBICIDE	61842	23	0	Linuron	174	LBS	117	50	87	LBS
YUMA	MACHO 2.0 FL	INSECTICIDE	42750	110	0	Imidacloprid	3	GAL	15	21.4	0.642	GAL
YUMA	MANEB 75DF DRY FLOWABLE FUNGICIDE	FUNGICIDE	70506	186	0	Maneb	296	LBS	99	75	222	LBS
YUMA	NUDRIN SP INSECTICIDE	INSECTICIDE	83100	28	83979	Methomyl	1146	LBS	1857	90	1031.4	LBS
YUMA	NUPRID 2SC SOIL/FOLIAR INSECTICDE	INSECTICIDE	228	572	0	Imidacloprid	403	GAL	2384	21.4	86.242	GAL
YUMA	PALISADE EC	HERBICIDE	100	949	0	Trinexapac-ethyl	40	GAL	368	12	4.8	GAL
YUMA	PRIMERAONE IMIDACLOPRID 2F TURF & ORNAMENTAL INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	5	GAL	30	21.4	1.07	GAL
YUMA	PROCLAIM INSECTICIDE	INSECTICIDE	100	904	0	Emamectin benzoate	396	GAL	12925	5	19.8	GAL

Table 7: Reported Use of Pesticides in Arizona by County - January 1, 2013 - December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
YUMA	PROCLAIM INSECTICIDE	INSECTICIDE	100	904	0	Emamectin benzoate	153	LBS	682	5	7.65	LBS
YUMA	PURSUIT HERBICIDE	HERBICIDE	241	310	0	Ammonium salt of (+/-)-2-(4,5-dihydro-4-methyl-4-(1-methylethyl)-5-oxo-1H-imidazol-2-yl)-5-ethyl-3-pyridinecarboxylic acid	61	GAL	2172	22.87	13.9507	GAL
YUMA	QUADRIIS FLOWABLE FUNGICIDE	FUNGICIDE	100	1098	0	Azoxystrobin	83	GAL	791	22.9	19.007	GAL
YUMA	QUALI-PRO IMIDACLOPRID 2F TURF & ORNAMENTAL INSECTICIDE	INSECTICIDE	66222	203	0	Imidacloprid	15	GAL	81	21.4	3.21	GAL
YUMA	REDI-PIK 1.5EC COTTON DEFOLIANT	DEFOLIANT	264	634	66222	Thidiazuron	151	GAL	2247	12	18.12	GAL
YUMA	REDI-PIK1.5EC COTTON DEFOLIANT	DEFOLIANT	66222	137	0	Thidiazuron	361	GAL	5362	12	43.32	GAL
YUMA	REVUS	FUNGICIDE	100	1254	0	Mandipropamide Technical	3066	GAL	49573	23.3	714.378	GAL
YUMA	REVUS	FUNGICIDE	100	1254	0	Mandipropamide Technical	274	LBS	34	23.3	63.842	LBS
YUMA	SANDEA HERBICIDE	HERBICIDE	81880	18	10163	Halosulfuron-methyl	6	GAL	655	75	4.5	GAL
YUMA	SANDEA HERBICIDE	HERBICIDE	81880	18	10163	Halosulfuron-methyl	3	LBS	40	75	2.25	LBS
YUMA	SCORPION™ 35SL INSECTICIDE	INSECTICIDE	10163	317	0	Dinotefuran	52	GAL	1282	35	18.2	GAL
YUMA	SEVIN BRAND XLR PLUS CARBARYL INSECTICIDE	INSECTICIDE	264	333	0	Carbaryl	3	GAL	7	44.1	1.323	GAL
YUMA	SWAGGER	INSECTICIDE	34704	1045	0	Bifenthrin	3	GAL	34	5.7	0.171	GAL
YUMA	VALENT VENOM INSECTICIDE	INSECTICIDE	59539	135	0	Dinotefuran	3	GAL	72	70	2.1	GAL
YUMA	VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	93	GAL	2846	70	65.1	GAL
YUMA	VALENT VENOM INSECTICIDE	INSECTICIDE	59639	135	0	Dinotefuran	33	LBS	236	70	23.1	LBS
YUMA	VEGETABLE PRO HERBICIDE	HERBICIDE	66222	15	0	Prometryn	57	GAL	156	44	25.08	GAL
YUMA	VENOM 20 SG INSECTICIDE	INSECTICIDE	33657	17	59639	Dinotefuran	1	GAL	18	20	0.2	GAL
YUMA	VOLIAM FLEXI INSECTICIDE	INSECTICIDE	100	1319	0	Chlorantraniliprole	29	GAL	727	20	5.8	GAL
YUMA	VOLIAM FLEXI INSECTICIDE	INSECTICIDE	100	1319	0	Chlorantraniliprole	193	LBS	758	20	38.6	LBS
YUMA	VOLIAM XPRESS INSECTICIDE	INSECTICIDE	100	1320	0	lambda-Cyhalothrin	852	GAL	11220	4.63	39.4476	GAL
YUMA	WRANGLER INSECTICIDE	INSECTICIDE	34704	931	0	Imidacloprid	11	GAL	111	40.7	4.477	GAL
YUMA	ZAMPRO FUNGICIDE	FUNGICIDE	7969	302	0	Ametoctradin	45	GAL	426	26.9	12.105	GAL

Table 7: Reported Use of Pesticides in Arizona by County – January 1, 2013 – December 31, 2013												
County	Product Brand Name	Type	EPA1	EPA2	EPA3	Active Ingredient	Chemical Totals	Units	Acres	%AI	Total AI Applied	Units
<u>Legend:</u>												
	H = Herbicide	F = Fungicide				O = Ovicides		R = Regulator				
	I = Insecticide	M = Miticides				N = Nematicide		D = Defoliant				