

Pesticide Contamination Prevention Program Report

A.R.S. §49-303.B

The Arizona Pesticide Contamination Prevention Program was established by the Environmental Quality Act of 1987. The program's major objective is to prevent or eliminate groundwater contamination by agricultural pesticide use and is composed of the following four major components:

1. Information submittal – Prior to registering the agricultural pesticide, applicants shall submit product chemistry and environmental fate data of the associated active ingredient to ADEQ for review and approval. The information is used to generate the Groundwater Protection List (GWPL).
2. Generation of GWPL – A list of agricultural pesticide active ingredients that have the potential to contaminate the groundwater.
3. Monitoring of agricultural pesticide active ingredients on the GWPL in the groundwater and soil statewide.
4. Compilation of sales and use information on soil applied agricultural pesticides containing active ingredients on the GWPL.

This report is in fulfillment of a final requirement pursuant to A.R.S. §49-303.B that ADEQ shall report the following information to the legislature annually:

1. List of agricultural pesticide active ingredients for which there is a groundwater protection data gap
2. A list of each agricultural pesticide containing an active ingredient on the GWPL
3. The sales and use information on soil applied agricultural pesticides containing active ingredients on the GWPL in the state during the most recent year and where the pesticide was used.

Groundwater Protection Data Gap

Pursuant to A.R.S. §49-302, prior to registering an agricultural pesticide in the state, applicants shall submit the product chemistry and environmental fate data of the associated active ingredients to ADEQ for review and approval based on its validity, completeness and adequacy. An agricultural pesticide cannot be registered in the state without completing these processes, otherwise a groundwater protection data gap will exist for such pesticide.

Since the implementation of the program in 1987, a total of 310 agricultural pesticide active ingredients have completed the above review and approval processes. Of these pesticide active ingredients, only 210 of them are currently found in 1,185 agricultural pesticides registered in the state during FY 2002. There are no existing groundwater protection data gaps for any registered agricultural pesticide as of June 30, 2002.

Groundwater Protection List

After ADEQ reviews and approves the product chemistry and environmental fate data of the agricultural pesticide active ingredient, it is compared with specific numeric values (SNVs), which are criteria adopted by rule. The SNVs, found at A.A.C. R18-6-103, are based on the Environmental Protection Agency's (EPA) criteria for identifying pesticide active ingredients that, based on mobility and persistence factors, may have the potential to leach to groundwater. The SNVs are presented in Table 1.

<i>Table 1: Specific Numeric Values</i>	
Property	SNVs
Mobility Factor	
Water Solubility	> 30 parts per million
Soil Adsorption Coefficient	< 5 milliliters per gram
Persistence Factor	
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

Agricultural pesticide active ingredients that fail one or more of the SNVs in both of the mobility and persistence factors are included on the GWPL. The current GWPL, which is composed of 152 agricultural pesticide active ingredients, was adopted by rule in 1992 (A.A.C. R18-6-301) based on the SNVs in Table 1 and the agricultural pesticides registration at the time. Each year a draft GWPL is established but is not effective unless adopted by rule. The FY 2002 draft GWPL, which is presented in Table 2, contains 253 agricultural pesticide active ingredients and is based on the current agricultural pesticides registration.

Table 2: Draft Groundwater Protection List

C_CAS	C_Name
542-75-6	1,3-Dichloropropene
1928-43-4	2,4-D 2-Ethylhexyl Ester
94-75-7	2,4-D Acid
33333-3333	2,4-D Alkanol* Amine Salts of Ethanol and Isopropanol
137335-70-7	2,4-D Alkyl* Amine *(as in tall oil fatty acids)
1929-73-3	2,4-D Butoxyethyl Ester
94-80-4	2,4-D Butyl Ester
2212-54-6	2,4-D DDA (Dodecyclamine Salt)
5742-19-8	2,4-D Diethanolamine Salt
20940-37-8	2,4-D Diethylamine Salt
2008-39-1	2,4-D Dimethylamine Salt
533-23-3	2,4-D Ethylhexyl Ester
1713-15-1	2,4-D Isobutyl Ester
53404-37-8	2,4-D Isooctyl (2-ethyl-4-methylpentyl)
5742-17-6	2,4-D Isopropylamine Salt
25168-26-7	2,4-D Isooctyl Ester
94-11-1	2,4-D Isopropyl Ester of
2212-59-1	2,4-D N-Oleyl-1,3-Propylenediamine Salt
28685-18-9	2,4-D Tda (Tetradecyclamine)
2646-78-8	2,4-D Triethylamine Salt
32341-80-3	2,4-D Triisopropanolamine Salt
32357-46-3	2,4-DB, Butoxyethyl Ester
2758-42-1	2,4-DB, DMA Salt
30560-19-1	Acephate
135158-54-2	Acibenzolar-S-Methyl
107-02-8	Acrolein
15972-60-8	Alachlor
116-06-3	Aldicarb
834-12-8	Ametryn
61-82-5	Amitrole
101-05-3	Anilazine
7778-39-4	Arsenic Acid
2302-17-2	Asulam, Sodium Salt
1912-24-9	Atrazine
86-50-0	Azinphos-Methyl
131860-33-8	Azoxystrobin
22781-23-3	Bendiocarb
1861-40-1	Benefin
17804-35-2	Benomyl
741-58-2	Bensulide

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C_CAS	C_Name
149877-41-8	Bifenazate
83322-02-5	Bifenthrin (Cis)
82657-04-3	Bifenthrin (Trans)
314-40-9	Bromacil
53404-19-6	Bromacil, Lithum Salt
78-48-8	Butifos (Def)
2008-41-5	Butylate
75-60-5	Cacodylic Acid (Dimethylarsinic Acid)
124-65-2	Cacodylic Acid, Sodium Salt
133-06-2	Captan
63-25-2	Carbaryl
1563-66-2	Carbofuran
5234-68-4	Carboxin
128639-02-1	Carfentrazone-Ethyl
76-06-2	Chloropicrin
1897-45-6	Chlorothalonil
2921-88-2	Chlorpyrifos
64902-72-3	Chlorsulfuron
99129-21-2	Clethodim
1702-17-6	Clopyralid
16828-95-8	Copper Ammonia Complex
33113-08-5	Copper Ammonium Carbonate
12069-69-1	Copper Carbonate
14215-52-2	Copper Ethanolamine Complex
13426-91-0	Copper Ethylenediamine
9007-39-0	Copper Salts of Fatty & Rosin Acids
1344-73-6	Copper Sulfate, Basic
1332-14-5	Copper Sulfate, Basic (2+)
82027-59-6	Copper Triethanolamine Complex
20427-59-2	Copper Hydroxide
7758-99-8	Copper Sulfate
420-04-2	Cyanamide
21725-46-2	Cyanazine
1134-23-2	Cycloate
68359-37-5	Cyfluthrin
52315-07-8	Cypermethrin
66215-27-8	Cyromazine
1861-32-1	DCPA (Dimethyl Tetrachloroterephtholate)
52918-63-5	Deltamethrin
13684-56-5	Desmedipham

<i>Table 2: Draft Groundwater Protection List</i>	
C_CAS	C_Name
333-41-5	Diazinon
1918-00-9	Dicamba
25059-78-3	Dicamba, DEA Salt
104040-79-1	Dicamba, DGA Salt
2300-66-5	Dicamba, DMA Salt
10007-85-9	Dicamba, Potassium Salt
1982-69-0	Dicamba, Sodium Salt
1194-65-6	Dichlobenil
99-30-9	Dicloran
51338-27-3	Diclofop-Methyl
115-32-2	Dicofol
2227-17-0	Dienochlor (Decachlorobis)
38727-55-8	Diethathyl Ethyl
43222-48-6	Difenzoquat Methyl Sulfate
35367-38-5	Diflubenzuron
60-51-5	Dimethoate
110488-70-5	Dimethomorph
957-51-7	Diphenamid
298-04-4	Disulfoton
85-00-7	Diquat Dibromide
97886-45-8	Dithiopyr
330-54-1	Diuron
79277-27-3	DPX-M6316
144-21-8	DSMA (Disodium Methanearsonate)
115-29-7	Endosulfan
145-73-3	Endothall
2164-07-0	Endothall, Dipotassium Salt of
129-67-9	Endothall, Disodium Salt of
759-94-4	EPTC
66230-04-4	Esfenvalerate
55283-68-6	Ethalfuralin
16672-87-0	Ethephon
26225-79-6	Ethofumesate
563-12-2	Ethion
13194-48-4	Ethoprop
56-38-2	Ethyl Parathion
2593-15-9	Etridiazole
22224-92-6	Fenamiphos
60168-88-9	Fenarimol
39515-41-8	Fenpropathrin

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C_CAS	C_Name
51630-58-1	Fenvalerate
69806-50-4	Fluazifop-Butyl
79241-46-6	Fluazifop-P or R -Butyl
70124-77-5	Flucythrinate
142459-58-3	Flufenacet (Thiafluamide)
2164-17-2	Fluometuron
59756-60-4	Fluridone
66332-96-5	Flutolanil
102851-06-9	Fluvalinate
944-22-9	Fonofos
23422-53-9	Formetanate Hydrochloride
25954-13-6	Fosamine Ammonium
39148-24-8	Fosetyl-Al
77182-82-2	Glufosinate-Ammonium
1071-83-6	Glyphosate (Group)
114370-14-8	Glyphosate Ammonium Salt
38641-94-0	Glyphosate, Isopropylamine Salt
112226-61-6	Halofenozide
100784-20-1	Halosulfuran-Methyl
13356-08-6	Hexakis (Fenbutatin Oxide)
51235-04-2	Hexazinone
173584-44-6	Indoxacarb (Carboxylate)
35554-44-0	Imazalil
81405-85-8	Imazamethabenz-Methyl (Meta)
81405-85-8	Imazamethabenz-Methyl (Para)
104098-48-8	Imazapic
81335-37-7	Imazaquin
81335-77-5	Imazethapyr
101917-66-2	Imazethapyr, Ammonium Salt
138261-41-3	Imidacloprid
144171-61-9	Indoxacarb
36734-19-7	Iprodione
25311-71-1	Isofenphos
42509-80-8	Isazophos
82558-50-7	Isoxaben
143390-89-0	Kresoxim Methyl
91465-08-6	Lambdacyhalothrin
58-89-9	Lindane
330-55-2	Linuron
128-58-3	MAA (Methanearsonic Acid)

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C_CAS	C_Name
121-75-5	Malathion
28282-15-2	Maleic Hydrazide, Potassium Salt
12427-38-2	Maneb
94-74-6	MCPA
2039-46-5	MCPA, DMA Salt
26544-20-7	MCPA, Isooctyl Ester
3653-48-3	MCPA, Sodium Salt
70630-17-0	Mefenoxam
24307-26-4	Mepiquat Chloride
57837-19-1	Metalaxyl
108-62-3	Metaldehyde
137-41-7	Metam-K (Potassium)
137-42-8	Metam-Na (Sodium)
10265-92-6	Methamidophos
2032-65-7	Methiocarb
16752-77-5	Methomyl
161050-58-4	Methoxyfenozide
298-00-0	Methyl Parathion
51218-45-2	Metolachlor
87392-12-9	Metolachlor - S
21087-64-9	Metribuzin
74223-64-6	Metsulfuron Methyl
7786-34-7	Mevinphos
6923-22-4	Monocrotophos
2163-80-6	Monosodium Methanearsonate (MSMA)
88671-89-0	Myclobutanil
15299-99-7	Napropamide
27314-13-2	Norflurazon
19044-88-3	Oryzalin
19666-30-6	Oxadiazon
23135-22-0	Oxamyl
301-12-2	Oxydemeton-Methyl
42874-03-3	Oxyfluorfen
1910-42-5	Paraquat Dichloride
1114-71-2	Pebulate
82-68-8	PCNB (Quintozene)
40487-42-1	Pendimethalin
52645-53-1	Permethrin
13684-63-4	Phenmedipham
2310-17-0	Phosalone

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C_CAS	C_Name
732-11-6	Phosmet
13171-21-6	Phosphamidon
1918-02-1	Picloram
26952-20-5	Picloram, Isooctyl Ester of
2545-60-0	Picloram, Potassium Salt
6753-47-5	Picloram, Triisopropanolamine Salt
51-03-6	Piperonyl Butoxide
29091-21-2	Prodiamine
41198-08-7	Profenofos
1610-78-0	Prometon
7287-19-6	Prometryn
23950-58-5	Pronamide
25606-41-1	Propamocarb
2312-35-8	Propargite
60207-90-1	Propiconazole
94125-34-5	Prosulfuron
123312-89-0	Pymetrozine
1698-60-8	Pyrazon (Chlordiazon)
8003-34-7	Pyrethrin
95737-68-1	Pyriproxyfen
123343-16-8	Pyrithiobac Sodium
84087-01-4	Quinclorac
74051-80-2	Sethoxydim
122-34-9	Simazine
50723-80-3	Sodium Bentazon
7775-09-9	Sodium Chlorate
74222-97-2	Sulfometuron-Methyl
81591-81-3	Sulfosate
35400-43-2	Sulprofos
112410-23-8	Tebufenozide
34014-18-1	Tebuthiuron
5902-51-2	Terbacil
13071-79-9	Terbufos
886-50-0	Terbutryn
153719-23-4	Thiamethoxam
117718-60-2	Thiazopyr
51707-55-2	Thidiazuron
59669-26-0	Thiodicarb
23564-05-8	Thiophanate-Methyl
137-26-8	Thiram

<i>Table 2: Draft Groundwater Protection List</i>	
C_CAS	C_Name
87820-88-0	Tralkoxydim
2303-17-5	Triallate
43121-43-3	Triadimefon
52-68-6	Trichlorfon
55335-06-3	Triclopyr
64700-56-7	Triclopyr, Butoxyethyl Ester
57213-69-1	Triclopyr, Triethylamine Salt
141517-21-7	Trifloxystrobin
26644-46-2	Triforine
1582-09-8	Trifluralin
95266-40-3	Trinexapac-Ethyl
1929-77-7	Vernolate
50471-44-8	Vinclozolin

The GWPL provides information on pesticide active ingredients that ADEQ's groundwater and soil monitoring activities can target in areas where they are used. If these pesticide active ingredients are detected in the groundwater or soil as a result of agricultural activities, ADEQ may, depending on the detected level, require registrants to modify their use patterns or cancel the registration to prevent further contamination.

Sales and Use Information on Agricultural Pesticides Containing Active Ingredients on the GWPL

ADEQ implemented the sales and use reporting requirement for agricultural pesticides containing active ingredients on the GWPL intended for soil application after the rule was adopted in 1992. Since all the information required under A.A.C. R18-6-303 can be obtained from the pesticide application report (Form 1080) that pesticide users must submit to the Arizona Department of Agriculture prior to use, ADEQ allows the pesticide sellers and users to use Form 1080 to fulfill this reporting requirement if the sales and use of the agricultural pesticides is in Arizona. For the sales of agricultural pesticide to be used outside Arizona, sellers and users must submit the required information in an ADEQ-designated form.

The sales and use information is presented in the following tables.

- Sales information on agricultural pesticides containing active ingredients on the adopted GWPL that were intended for soil application outside Arizona between Jan. 1, 2001 and Dec. 31, 2001 (Table 3)

- Sales information on agricultural pesticides containing active ingredients on the adopted GWPL that were intended for soil application within Arizona between Jan. 1, 2001 and Dec. 31, 2001 (Table 4)
- Use information on agricultural pesticides containing active ingredients on the adopted GWPL that were intended for soil application within each county in Arizona between Jan. 1, 2001 and Dec. 31, 2001 (Table 5)

A total of 147 soil-applied agricultural pesticides containing 85 ingredients active on the GWPL were sold or used in Arizona between Jan. 1, 2001 and Dec. 31, 2001.

Table 3: Pesticides Sold Outside Arizona During Jan. 1, 2001 to Dec. 31, 2001

No reported sales outside Arizona in 2001.

Table 4.: Reported Pesticide Sales in Arizona During Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
62719	32		Telone II	1,3-Dichloropropene	21102.500	Gal
62719	321		Telone EC	1,3-Dichloropropene	33457.30	Gal
62719	348		Inline	1,3-Dichloropropene + Chloropicrin	600.00	Gal
228	145		2,4-Amine IVM	2,4-D Dimethylamine Salt	7.50	Gal
56077	52		Butoxone 7500	2,4-DB	94.36	Lbs
56077	26		Butoxone 200	2,4-DB, DMA Salt	50.00	Gal
59639	26		Orthene 75 S	Acephate	120.00	Lbs
59639	89		Orthene 90 WSP	Acephate	970.00	Lbs
264	330		Temik 15G	Aldicarb	7111.70	Lbs
264	417		Temik 15G C.P.	Aldicarb	585.00	Lbs
100	497		Aatrex 4L	Atrazine	1098.75	Gal
19713	11		Atrazine 4L	Atrazine	844.90	Gal
19713	11	4904	Atrazine 4L	Atrazine	175.00	Gal
19713	76		Atrazine 90DF	Atrazine	125.00	Lbs
34704	746		Balan DF	Benefin	15912.39	Lbs
10163	200		Prefar 4-E	Bensulide	7327.14	Gal
279	3069		Capture 2 EC	Bifenthrin (Cis)(Trans)	3.51	Gal
264	540		Buctril 4EC	Bromoxynil Heptanoate & Octanoate	53.82	Gal

Table 4.: Reported Pesticide Sales in Arizona During Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
3125	282		DEF 6 Emulsifiable	Butifos (DEF)	78.63	Gal
264	498		Folex 6EC	Butifos (DEF)	85.00	Gal
73637	3	56077	Sutan+ 6.7E	Butylate	30.00	Gal
17545	2		Cotton - Aide HC	Cacodylic Acid + Cacodylic Sodium Salt	103.69	Gal
2935	366		Sevin 5	Carbaryl	2599.40	Lbs
279	2876		Furadan 4F	Carbofuran	300.12	Gal
279	3194		Aim	Carfentrazone-Ethyl	11.76	Lbs
8622	43		Metapicrin	Chloropicrin	12000.00	Lbs
58266	5	11220	Tri-Clor EC	Chloropicrin	64303.00	Lbs
62719	79		Lock-On	Chlorpyrifos	90.13	Gal
62719	221		Lorsban 50W	Chlorpyrifos	676.05	Lbs
62719	220		Lorsban-4E	Chlorpyrifos	530.29	Gal
59639	3		Select 2EC	Clethodim	3.00	Gal
1812	366		Cy-Pro 4L	Cyanazine	435.25	Gal
3125	351		Baythroid 2 Emulsifiable	Cyfluthrin	12.83	Gal
279	3027		Ammo 2.5 EC	Cypermethrin	52.22	Gal
279	3126		Mustang 1.5 EW	Cypermethrin	105.40	Gal
5481	490		Dacthal W-75	DCPA	7816-78	Lbs
10163	104		Diazinon 14G	Diazinon	2219.00	Lbs
10163	100		Diazinon 4E	Diazinon	1077.87	Gal
51036	71		Diazinon Ag 500	Diazinon	62.24	Gal
7969	137		Clarity	Dicamba, DGA Salt	50.05	Gal
707	202		Kelthane MF	Dicofol	93.00	Gal
45639	54		Antor 4ES	Diethathyl Ethyl	37.76	Gal
34704	207		Dimethoate 400	Dimethoate	23.41	Gal
51036	110		Dimethoate 4E	Dimethoate	0.45	Gal
19713	231		Dimethoate 4EC	Dimethoate	239.33	Gal
10163	56		Prokil Dimethoate E267	Dimethoate	14.40	Gal
1812	257		Direx 4L	Diuron	408.40	Gal
19713	36		Diuron 4L	Diuron	419.35	Gal
352	508		Karmex DF	Diuron	1277.00	Lbs

Table 4.: Reported Pesticide Sales in Arizona During Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
264	634		Ginstar EC	Diuron + Thidiazuron	205.07	Gal
19713	96		DSMA Slurry	DSMA	5.00	Gal
10163	110		Endosulfan 3EC	Endosulfan	27.66	Gal
45639	169		Phaser 3EC	Endosulfan	10.00	Gal
279	2924		Thiodan 3 EC	Endosulfan	224.50	Gal
4581	284		Accelerate	Endothall	5.56	Gal
10182	199		Eptam 20G	EPTC	19881.60	Lbs
10182	220		Eptam 7E	EPTC	239.35	Gal
10182	223		Eradicane	EPTC	67.50	Gal
352	515		Asana XL	Esfenvalerate	31.63	Gal
34704	610		Curbit EC	Ethalfuralin	1.72	Gal
264	418		Ethephon – Cotton & Tobacco	Ethephon	10.00	Gal
264	267		Ethrel Plant Regulator	Ethephon	135.00	Gal
3125	283		Nemacur 3	Fenamiphos	248.00	Gal
10182	367		Fusilade DX	Fluazifop-P-Ethyl	46.00	Gal
1812	439		Cotoran 4L	Fluometuron	93.00	Gal
264	516		Aliette WDG	Fosetyl-Al	218.00	Lbs
62719	322		Accord SP	Glyphosate, Isopropylamine Salt	47.00	Gal
62719	323		Glyphomax	Glyphosate, Isopropylamine Salt	51.88	Gal
524	445		Honcho	Glyphosate, Isopropylamine Salt	15.00	Gal
524	512		Mon 78112	Glyphosate, Isopropylamine Salt	102.50	Gal
524	475		Mon-65005	Glyphosate, Isopropylamine Salt	461.48	Gal
241	350		Pursuit DG	Imazethapyr	39.56	Lbs
241	386		Pursuit WDG	Imazethapyr	73.39	Lbs
3125	422		Admire 2	Imidacloprid	837.43	Gal
3125	457		Provado 1.6	Imidacloprid	4.75	Gal
352	597		Avaunt	Indoxacarb	505.16	Lbs
352	598		Steward	Indoxacarb	2.00	Gal

Table 4.: Reported Pesticide Sales in Arizona During Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
264	482		Royal 4	Iprodione	461.60	Gal
5905	250		Fyfanon Emulsion	Malathion	59.40	Gal
10163	21		Prokil Malathion 8E	Malathion	75.86	Gal
4581	371		Maneb 75DF	Maneb	269.88	Lbs
1812	251		Manex Fungicide	Maneb	305.75	Gal
62719	13	34704	MCP 4 Amine	MCPA, DMA Salt	39.00	Gal
228	143		MCPA-4 Amine	MCPA, DMA Salt	137.52	Gal
100	801		Ridomil Gold	Mefenoxam	137.65	Gal
55146	73		Ultra Flourish	Metalaxyl	72.40	Gal
5481	423		Metam 426	Metam-Na	440.00	Gal
5481	423	34704	Nemasol 426	Metam-Na	792.00	Gal
61842	6		Sectagon 42	Metam-Na	7114.00	Gal
5481	468		Vapam HL	Metam-Na	33839.00	Gal
352	342		Lannate	Methomyl	2398-94	Lbs
352	384		Lannate LV	Methomyl	555.44	Gal
4581	393		Penncap-M	Methyl Parathion	4.76	Gal
100	597		Dual 8E	Metolachlor	20.00	Gal
100	711		Dual II	Metolachlor	15.00	Gal
100	816		Dual Magnum	Metolachlor	35.45	Gal
3125	314		Sencor 4 Flowable	Metribuzin	56.00	Lbs
3125	325		Sencor 75	Metribuzin	845.50	Lbs
50534	6	10182	Bueno 6	MSMA	133.45	Gal
19713	42		MSMA 6 Plus	MSMA	5.00	Gal
55947	78		Soilcam DF	Norflurazon	180.00	Lbs
100	840		Zorial 5G	Norflurazon	1800.00	Lbs
100	848		Zorial Rapid 80	Norflurazon	660.00	Lbs
62719	112		Surflan AS	Oryzalin	100.00	Gal
352	372		Vydate L	Oxamyl	212.60	Gal
66222	28		Galigan	Oxyfluorfen	20.06	Gal
707	243		Goal T/O 2XL	Oxyfluorfen	138.90	Gal
10182	280		Gramoxone Extra	Paraquat Dichloride	44.63	Gal
10182	372		Gramoxone Max	Paraquat Dichloride	81.50	Gal

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EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
10182	103		Gramoxone Super	Paraquat Dichloride	5.00	Gal
68156	6	62719	Pendimax 3.3	Pendimethalin	324.00	Gal
241	337		Prowl 3.3 EC	Pendimethalin	8345.24	Gal
279	3051		Pounce 25 WP	Permethrin	262.76	Lbs
279	3014		Pounce 3.2 EC	Permethrin	354.95	Gal
10182	18		Ambush	Permethrin (Cis)(Trans)	8.92	Gal
1021	1091		Evergreen Emulsifiable	Piperonyl Butoxide + Pyrethrin	2.00	Gal
100	620		Caparol	Prometryn	557.74	Gal
100	757		Caparol Accu-Pak	Prometryn	640.00	Lbs
1812	274		Cotton Pro	Prometryn	3664.19	Gal
34704	692		Prometryn 4L	Prometryn	474.13	Gal
707	159		Kerb 50W	Pronamide	21398.39	Lbs
352	576		Staple	Pyriithiobac-Sodium	24.75	Lbs
7969	58		BASF Poast	Sethoxydim	33.98	Gal
19713	60		Simazine 4L	Simazine	24.00	Gal
5905	87	38167	Chlorate Defoliant-Desicant	Sodium Chlorate	2887.50	Gal
19713	265		Defol 6 W	Sodium Chlorate	152.75	Gal
49517	3		Poly-Foliant 5 DEF	Sodium Chlorate	630.00	Gal
707	238		Confirm	Tebufenozide	54.32	Gal
100	938		Actara	Thiamethoxam	2.58	Gal
45639	89		Dropp 50WP	Thidiazuron	114.90	Lbs
4581	377		Topsin M WSB	Thiophanate-Methyl	506.90	Lbs
10182	426		Achieve 40DG	Tralkoxydim	31.72	Lbs
34704	792		Clean Crop Trifluralin	Trifluralin	141.38	Gal
62719	131	55467	Trifluralin 10G	Trifluralin	1300.00	Lbs
62719	250		Treflan HFP	Trifluralin	441.25	Gal
62719	131		Treflan TR-10	Trifluralin	153288.00	Lbs
62719	131	71058	Triap 10G	Trifluralin	2588.00	Lbs
62719	250	71058	Triap 4HF	Trifluralin	751.00	Gal
10163	120		Trifluralin 10G	Trifluralin	66084.40	Lbs
10163	101		Trifluralin 4	Trifluralin	7.47	Gal

Table 4.: Reported Pesticide Sales in Arizona During Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
34704	242		Trifluralin 4EC	Trifluralin	65.00	Gal
46193	10	1812	Trilin	Trifluralin	77.50	Gal
1812	355		Trillin	Trifluralin	1380.89	Gal
1812	328		Trillin 10G	Trifluralin	27920.00	Lbs
1812	353		Trillin 5	Trifluralin	14.05	Gal
19713	255		Vernam 7-E	Vernolate	17.50	Gal
7969	85		Roniln DF	Vinclozolin	2370.63	Lbs

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
<i>Apache County</i>						
10163	200		Prefar 4-E	Bensulide	55.55	Gal
62719	220		Lorsban 4E	Chlorpyrifos	27.49	Gal
352	515		Asana XL	Esfenvalerate	5.00	Gal
3125	457		Provado 1.6	Imidacloprid	1.82	Gal
4581	371		Maneb 75DF	Maneb	120.00	Lbs
1812	251		Maneb	Maneb	25.00	Gal
100	801		Ridomil Gold	Mefenoxam	4.50	Gal
3125	325		Sencor 75	Metribuzin	26.00	Lbs
1021	1091		Evergreen Emulsifiable	Piperonyl Butoxide + Pyrethrin	2.00	Gal
<i>Coconino County</i>						
264	330		Temik 15G	Aldicarb	3330.00	Lbs
100	497		Atrazine 4L	Atrazine	853.75	Gal
9779	255		Atrazine 4L	Atrazine	250.00	Gal
19713	11	4904	Atrazine 4L	Atrazine	120.00	Gal
279	2876		Furadan 4F	Carbofuran	75.00	Gal
1812	366		Cy-Pro 4L	Cyanazine	52.50	Gal
7969	137		Clarity	Dicamba, DGA Salt	15.00	Gal
524	475		MON-65005	Glyphosate, Isopropylamine Salt	42.50	Gal
241	386		Pursuit W DG	Imazethapyr	21.60	Lbs

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
100	711		Dual II	Metolachlor	15.00	Gal
241	337		Prowl 3.3 EC	Pendimethalin	244.73	Gal
1812	274		Cotton Pro	Prometryn	38.48	Gal
<i>Graham County</i>						
100	497		Aatrex 4L	Atrazine	75.00	Gal
19713	11		Atrazine 4L	Atrazine	300.00	Gal
19713	76		Atrazine 90 DF	Atrazine	125.00	Gal
34704	746		Balan DF	Benefin	192.00	Lbs
279	2876		Furadan 4F	Carbofuran	15.00	Gal
19713	231		Dimethoate 4EC	Dimethoate	15.00	Gal
<i>LaPaz County</i>						
62719	321		Telone EC	1,3-Dichloropropene	21184.00	Gal
10163	200		Prefar 4-E	Bensulide	764.01	Gal
279	2876		Furadan 4F	Carbofuran	62.62	Gal
279	3126		Mustang 1.5 EW	Cypermethrin	0.75	Gal
10163	100		Diazinon 4E	Diazinon	540.62	Gal
19713	231		Dimethoate 4EC	Dimethoate	16.83	Gal
10182	199		Eptam 20G	EPTC	6833.60	Lbs
3125	422		Admire 2	Imidacloprid	152.33	Gal
10163	21		Prokil Malathiion 8E	Malathion	11.67	Gal
1812	251		Manex	Maneb	15.00	Gal
228	143		MCPA-4 Amine	MCPA, DMA Salt	35.50	Gal
100	801		Ridomil Gold	Mefenoxam	42.00	Gal
5481	423	34704	Nemasol 426	Metam-Na	792.00	Gal
5481	468		Vapam HL	Metam-Na	18916.00	Gal
352	384		Lannate LV	Methomyl	8.03	Gal
4581	393		Penncap-M	Methyl Parathion	4.76	Gal
100	840		Zorial 5G	Norflurazon	1800.00	Lbs
241	337		Prowl 3.3 EC	Pendimethalin	453.20	Gal
1812	274		Cotton Pro	Prometryn	175.00	Gal
62719	250		Treflan HFP	Trifluralin	84.65	Gal
62719	131		Treflan TR-10	Trifluralin	27850.00	Lbs
62719	250	71058	Triap 4HF	Trifluralin	91.13	Gal

<i>Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001</i>						
EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
10163	120		Trifluralin 10G	Trifluralin	37830.40	Lbs
<i>Maricopa County</i>						
62719	321		Telone EC	1,3-Dichloropropene	12273.30	Gal
62719	32		Telone II	1,3-Dichloropropene	17835.50	Gal
62719	348		Inline	1,3-Dichloropropene + Chloropicrin	600.00	Gal
264	330		Temik 15G	Aldicarb	1071.70	Lbs
100	497		Aatrex 4L	Atrazine	135.00	Gal
19713	11		Atrazine 4L	Atrazine	184.90	Gal
10163	200		Prefar 4-E	Bensulide	140.75	Gal
264	540		Buctril 4EC	Bromoxynil Heptanoate & Octanoate	19.67	Gal
2935	366		Sevin 5	Carbaryl	2599.40	Lbs
279	2876		Furadan 4F	Carbofuran	85.00	Gal
279	3194		Aim	Carfentrazone-Ethyl	3.98	Lbs
8622	43		Metapicrin	Chloropicrin	12000.00	Lbs
58266	5	11220	Tri-Clor EC	Chloropicrin	64303.00	Lbs
62719	220		Lorsban-4E	Chlorpyrifos	7.31	Gal
59639	3		Select 2EC	Clethodim	3.00	Gal
1812	366		Cy-Pro 4L	Cyanazine	110.00	Gal
3125	351		Baythroid 2	Cyfluthrin	2.50	Gal
279	3126		Mustang 1.5 EW	Cypermethrin	5.25	Gal
10163	100		Diazinon 4E	Diazinon	197.72	Gal
19713	231		Dimethoate 4EC	Dimethoate	85.00	Gal
10163	56		Prokil Dimethoate E267	Dimethoate	7.49	Gal
1812	257		Direx 4L	Diuron	41.60	Gal
19713	36		Diuron 4L	Diuron	371.10	Gal
264	634		Ginstar EC	Diuron + Thidiazuron	12.57	Gal
10182	199		Eptam 20-G	EPTC	550.00	Lbs
10182	220		Eptam 7-E	EPTC	45.00	Gal
10182	367		Fusilade DX	Fluazifop-P-Ethyl	4.00	Gal

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
524	512		Mon 78112	Glyphosate, Isopropylamine Salt	102.50	Gal
524	475		Mon-65005	Glyphosate, Isopropylamine Salt	203.17	Gal
241	350		Pursuit DG	Imazethapyr	14.40	Lbs
241	386		Pursuit W DG	Imazethapyr	14.27	Lbs
3125	422		Admire 2	Imidacloprid	169.52	Gal
3125	457		Provado 1.6	Imidacloprid	1.00	Gal
10163	21		Prokil Malathion 8E	Malathion	24.46	Gal
1812	251		Manex	Maneb	15.00	Gal
228	143		MCPA-4 Amine	MCPA, DMA Salt	17.23	Gal
100	801		Ridomil Gold	Mefenoxam	33.25	Gal
61842	6		Sectagon 42	Metam-Na	7114.00	Gal
5481	468		Vapam HL	Metam-Na	6843.00	Gal
352	342		Lannate	Methomyl	64.94	Gal
3125	314		Sencor 4 Flowable	Metribuzin	56.00	Lbs
3125	325		Sencor 75	Metribuzin	782.00	Lbs
50534	6	10182	Bueno 6	MSMA	133.45	Gal
55947	78		Soilcam DF	Norflurazon	180.00	Lbs
100	848		Zorial Rapid 80	Norflurazon	120.00	Lbs
62719	112		Surflan AS	Oryzalin	100.00	Gal
352	372		Vydate L	Oxamyl	212.60	Gal
707	243		Goal T/O-2XL	Oxyfluorfen	5.01	Gal
10182	280		Gramoxone Extra	Paraquat Dichloride	5.75	Gal
68156	6	62719	Pendimax 3.3	Pendimethalin	113.00	Gal
241	337		Prowl 3.3 EC	Pendimethalin	4046.91	Gal
100	620		Caparol	Prometryn	376.99	Gal
1812	274		Cotton Pro	Prometryn	860.63	Gal
34704	692		Prometryn 4L	Prometryn	116.13	Gal
352	576		Staple	Pyriithiobac-Sodium	24.75	Lbs
4581	377		Topsin M WSB	Thiophanate-Methyl	506.90	Lbs
62719	250		Treflan HFP	Trifluralin	199.88	Gal
62719	131		Treflan TR-10	Trifluralin	81778.00	Lbs
62719	131	71058	Triap 10G	Trifluralin	2588.00	Lbs

<i>Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001</i>						
EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
62719	250	71058	Triap 4HF	Trifluralin	371.74	Gal
10163	120		Trifluralin 10G	Trifluralin	26150.00	Lbs
1812	355		Trillin	Trifluralin	502.30	Gal
1812	328		Trillin 10G	Trifluralin	2730.00	Lbs
<i>Navajo County</i>						
1812	257		Direx 4L	Diuron	72.50	Gal
<i>Pima County</i>						
241	337		Prowl 3.3 EC	Pendimethalin	243.91	Gal
100	620		Caparol	Prometryn	153.25	Gal
1812	274		Cotton Pro	Prometryn	496.24	Gal
62719	250		Treflan HFP	Trifluralin	76.25	Gal
<i>Pinal County</i>						
62719	32		Telone II	1,3-Dichloropropene	1862.00	Gal
264	330		Temik 15G	Aldicarb	2710.00	Lbs
264	417		Temik 15G C.P.	Aldicarb	585.00	Lbs
100	497		Aatrex 4L	Atrazine	35.00	Gal
19713	11		Atrazine 4L	Atrazine	110.00	Gal
19713	11	4904	Atrazine 4L	Atrazine	55.00	Gal
34704	746		Balan DF	Benefin	125.00	Lbs
264	540		Buctril 4EC	Bromoxynil Heptanoate & Octanoate	17.40	Gal
279	2876		Furadan 4F	Carbofuran	62.50	Gal
1812	366		Cy-Pro 4L	Cyanazine	247.50	Gal
279	3027		Ammo 2.5 EC	Cypermethrin	0.50	Gal
279	3126		Mustang 1.5 EW	Cypermethrin	2.35	Gal
7969	137		Clarity	Dicamba, DGA Salt	32.25	Gal
34704	207		Dimethoate 400	Dimethoate	20.31	Gal
19713	231		Dimethoate 4EC	Dimethoate	122.50	Gal
10163	56		Prokil Dimethoate E267	Dimethoate	6.91	Gal
1812	257		Direx 4L	Diuron	294.30	Gal
19713	36		Diuron 4L	Diuron	48.25	Gal
352	508		Karmex DF	Diuron	1277.00	Gal

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
264	634		Ginstar EC	Diuron + Thidiazuron	26.50	Gal
45639	169		Phaser 3EC	Endosulfan	10.00	Gal
279	2924		Thiodan 3 EC	Endosulfan	68.03	Gal
10182	199		Eptam 20-G	EPTC	7000.00	Lbs
10182	220		Eptam 7-E	EPTC	5.00	Gal
10182	223		Eradicane	EPTC	67.50	Gal
3125	283		Nemacur 3	Fenamiphos	248.00	Gal
10182	367		Fusilade DX	Fluazifop-P-Ethyl	42.00	Gal
1812	439		Cotoran 4L	Fluometuron	93.00	Gal
62719	322		Accord SP	Glyphosate, Isopropylamine Salt	36.25	Gal
62719	323		Glyphomax	Glyphosate, Isopropylamine Salt	40.00	Gal
524	445		Honcho	Glyphosate, Isopropylamine Salt	15.00	Gal
524	475		Mon-65005	Glyphosate, Isopropylamine Salt	48.75	Gal
241	350		Pursuit DG	Imazethapyr	10.80	Lbs
241	386		Pursuit W DG	Imazethapyr	15.33	Lbs
352	598		Steward	Indoxacarb	2.00	Gal
10163	21		Prokil Malathion 8E	Malathion	5.00	Gal
1812	251		Manex	Maneb	54.80	Gal
62719	13	34704	MCP 4 Amine	MCPA, DMA Salt	39.00	Gal
228	143		MCPA-4 Amine	MCPA, DMA Salt	22.50	Gal
352	342		Lannate	Methomyl	123.65	Lbs
352	384		Lannate LV	Methomyl	15.22	Gal
100	597		Dual 8E	Metolachlor	20.00	Gal
100	816		Dual Magnum	Metolachlor	9.43	Gal
19713	42		MSMA 6 Plus	MSMA	5.00	Gal
55947	77		Zorial Rapid 80	Norflurazon	540.00	Lbs
10182	280		Gramoxone Extra	Paraquat Dichloride	19.88	Gal
68156	6	62719	Pendimax 3.3	Pendimethalin	211.00	Gal
241	337		Prowl 3.3 EC	Pendimethalin	2850.56	Gal

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
279	3051		Pounce 25 WP	Permethrin	6.98	Lbs
279	3014		Pounce 3.2 EC	Permethrin	1.99	Gal
100	757		Caparol Accu-Pak	Prometryn	640.00	Lbs
1812	274		Cotton Pro	Prometryn	1981.50	Gal
34704	692		Prometryn 4L	Prometryn	358.00	Gal
707	159		Kerb 50W	Pronamide	24.00	Lbs
10182	426		Achieve 40DG	Tralkoxydim	31.72	Lbs
34704	792		Clean Crop Trifluralin	Trifluralin	131.50	Gal
62719	250		Treflan HFP	Trifluralin	35.00	Gal
62719	131		Treflan TR-10	Trifluralin	36900.00	Lbs
62719	250	71058	Triap 4HF	Trifluralin	179.22	Gal
34704	242		Trifluralin 4EC	Trifluralin	65.00	Gal
46193	10	1812	Trilin	Trifluralin	77.50	Gal
1812	355		Trillin	Trifluralin	876.70	Gal
1812	328		Trillin 10G	Trifluralin	10460.00	Lbs
<i>Yuma County</i>						
62719	32		Telone II	1,3-Dichloropropene	1405.00	Gal
228	145		2,4-D Amine IVM	2,4-D Dimethylamine Salt	7.50	Gal
56077	52		Butoxone 7500	2,4-DB	94.36	Lbs
56077	26		Butoxone 200	2,4-DB DMA Salt	50.00	Gal
59639	26		Orthene 75S	Acephate	120.00	Lbs
59639	89		Orthene 90 WSP	Acephate	970.00	Lbs
34704	746		Balan DF	Benefin	15595.39	Lbs
10163	200		Prefar 4-E	Bensulide	6366.83	Gal
279	3069		Capture 2 EC	Bifenthrin (Cis)(Trans)	3.51	Gal
264	540		Buctril 4EC	Bromoxynil Heptanoate & Octanoate	16.75	Gal
3125	282		DEF 6	Butifos (DEF)	78.63	Gal
264	498		Folex 6EC	Butifos (DEF)	85.00	Gal
73637	3	56077	Sutan + 6.7-E	Butylate	30.00	Gal

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
17545	2		Cotton Aide HC	Cacodylic Acid + Cacodylic Acid Sodium Salt	103.69	Gal
279	3194		Aim	Carfentrazone-Ethyl	7.78	Lbs
62719	79		Lock-On	Chlorpyrifos	90.13	Gal
62719	221		Lorsban 50W	Chlorpyrifos	676.05	Lbs
62719	220		Lorsban-4E	Chlorpyrifos	495.49	Gal
1812	366		Cy-Pro 4L	Cyanazine	25.25	Gal
3125	351		Baythroid 2	Cyfluthrin	10.33	Gal
279	3027		Ammo 2.5 EC	Cypermethrin	51.72	Gal
279	3126		Mustang 1.5 EW	Cypermethrin	97.05	Gal
5481	490		Dacthal W-75	DCPA	7816.78	Lbs
10163	104		Diazinon 14G	Diazinon	2219.00	Lbs
10163	100		Diazinon 4E	Diazinon	339.53	Gal
51036	71		Diazinon Ag 500	Diazinon	62.24	Gal
7969	137		Clarity	Dicamba, DGA Salt	2.80	Gal
707	202		Kelthane MF	Dicofol	93.00	Gal
45639	54		Antor 4ES	Diethathyl Ethyl	37.76	Gal
34704	207		Dimethoate 400	Dimethoate	3.10	Gal
51036	110		Dimethoate 4E	Dimethoate	0.45	Gal
264	634		Ginstar EC	Diuron + Thidiazuron	166.00	Gal
19713	96		DSMA Slurry	DSMA	5.00	Gal
10163	110		Endosulfan 3EC	Endosulfan	27.66	Gal
279	2924		Thiodan 3 EC	Endosulfan	156.47	Gal
4581	284		Accelerate	Endothall	5.56	Gal
10182	199		Eptam 20-G	EPTC	5498.00	Lbs
10182	220		Eptam 7E	EPTC	189.35	Gal
352	515		Asana XL	Esfenvalerate	26.63	Gal
34704	610		Curbit EC	Ethalfuralin	1.72	Gal
264	418		Ethephon - Cotton & Tobacco	Ethephon	10.00	Gal
264	267		Ethrel	Ethephon	135.00	Gal
264	516		Aliette WDG	Fosetyl-Al	218.00	Lbs

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
62719	322		Accord SP	Glyphosate, Isopropylamine Salt	10.75	Gal
62719	323		Glyphomax	Glyphosate, Isopropylamine Salt	11.88	Gal
524	475		Mon-65005	Glyphosate, Isopropylamine Salt	167.06	Gal
241	350		Pursuit DG	Imazethapyr	14.36	Lbs
241	386		Pursuit WDG	Imazethapyr	22.19	Lbs
3125	422		Admire 2	Imidacloprid	515.58	Gal
3125	457		Provado 1.6	Imidacloprid	1.93	Gal
352	597		Avaunt	Indoxacarb	505.16	Lbs
264	482		Royal 4	Iprodione	461.60	Gal
5905	250		Fyfanon	Malathion	59.40	Gal
10163	1		Prokil Malathion 8E	Malathion	34.73	Gal
4581	371		Maneb 75 DF	Maneb	149.88	Lbs
1812	251		Manex	Maneb	195.95	Gal
228	143		MCPA-4 Amine	MCPA, DMA Salt	62.29	Gal
100	801		Ridomil Gold	Mefenoxam	57.90	Gal
55146	73		Ultra Flourish	Metalaxyl	72.40	Gal
5481	423		Metam 426	Metam-Na	440.00	Gal
5481	468		Vapam HL	Metam-Na	8080.00	Gal
352	342		Lannate	Methomyl	2210.35	Lbs
352	384		Lannate LV	Methomyl	532.19	Gal
100	816		Dual Magnum	Metolachlor	26.02	Gal
3125	325		Sencor 75	Metribuzin	37.50	Lbs
66222	28		Galigan 2E	Oxyfluorfen	20.06	Gal
707	243		Goal T/O-2XL	Oxyfluorfen	133.89	Gal
10182	280		Gramoxone Extra	Paraquat Dichloride	19.00	Gal
10182	372		Gramoxone Max	Paraquat Dichloride	81.50	Gal
10182	103		Gramoxone Super	Paraquat Dichloride	5.00	Gal
241	337		Prowl 3.3EC	Pendimethalin	505.93	Gal
279	3051		Pounce 25 WP	Permethrin	255.78	Lbs
279	3014		Pounce 3.2 EC	Permethrin	352.96	Gal
279	3083		Pounce WSB	Permethrin	127.46	Lbs

Table 5. Reported Pesticide Applications by County Jan. 1, 2001 to Dec. 31, 2001

EPA 1	EPA 2	EPA 3	Brand	Active Ingredient	Total Chemical	Units
10182	18		Ambush	Permethrin (Cis)(Trans)	8.92	Gal
100	620		Caparol	Prometryn	27.50	Gal
1812	274		Cotton Pro	Prometryn	112.34	Gal
707	159		Kerb 50W	Pronamide	21374.39	Lbs
7969	58		Poast	Sethoxydim	33.98	Gal
19713	60		Simazine 4L	Simazine	24.00	Lbs
5905	87	38167	Chlorate Defoliant-Desiccant	Sodium Chlorate	2887.50	Gal
19713	265		Defol 6 W	Sodium Chlorate	152.75	Gal
49517	3		Poly-Foliant 5	Sodium Chlorate	630.00	Gal
707	238		Confirm	Tebufenozide	54.32	Gal
100	938		Actara	Thiamethoxam	2.58	Gal
45639	89		Dropp 50WP	Thiadiazuron	114.90	Lbs
34704	792		Clean Crop Trifluralin	Trifluralin	9.88	Gal
62719	131	55467	Trifluralin 10G	Trifluralin	1300.00	Lbs
62719	250		Treflan HFP	Trifluralin	45.47	Gal
62719	131		Treflan TR-10	Trifluralin	6750.00	Lbs
62719	250	71058	Triap 4HF	Trifluralin	108.91	Gal
10163	120		Trifluralin 10G	Trifluralin	2104.00	Lbs
10163	101		Trifluralin 4	Trifluralin	7.47	Gal
1812	355		Trillin	Trifluralin	1.89	Gal
1812	328		Trillin 10G	Trifluralin	14730.00	Lbs
1812	353		Trillin 5	Trifluralin	14.05	Gal
19713	255		Vernam 7-E	Vernolate	17.50	Gal
7969	85		Roniln DF	Vinclozolin	2370.63	Lbs