



## VEGETABLE CHEMICAL USE SURVEY

### RESPONDENT BOOKLET

20XX



National  
Agricultural  
Statistics  
Service

Dear Producer,

Thank you for participating in the 20XX Vegetable Chemical Usage Survey. This survey allows USDA's National Agricultural Statistics Service (NASS) to collect accurate information on pesticide data from U.S. vegetable growers. With numerous business decisions and policies relying on chemical usage data, it is more critical than ever that current, actual use data are available to all decision-makers in the vegetable industry.

We collect all responses to this survey in person. During the interview, our representative will ask you several detailed questions about the types of pesticides you use on your crops. To make the interview process go more quickly, please have your spray records available. If you used a commercial chemical company, please make sure those records are accessible.

This booklet will help you and the enumerator find and record the correct pesticide products. The booklet lists registered label names of products along with their Environmental Protection Agency (EPA) registration number. If you do not find the correct product listed in this booklet, record where the product was purchased or as much information about the product as possible.

Your participation is important. By responding to this survey, you help ensure that decisions impacting the production practices and well-being of farms are based on accurate, timely information. You also represent and give voice to thousands of farmers like yourself across the nation.

Thank you for your time and for your investment in the future of U.S. agriculture.

Sincerely,

Joseph L. Parsons  
Chair, Agricultural Statistics Board  
National Agricultural Statistics Service  
U.S. Department of Agriculture

Enclosures

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0535-0218. The time required to complete this information collection is estimated to average 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

# 20XX VEGETABLE CHEMICAL USE SURVEY RESPONDENT BOOKLET

## TARGET CROPS BY STATE

### ARIZONA

709 Cantaloupes  
725 Lettuce, Head  
728 Lettuce, All other  
840 Spinach

### CALIFORNIA

701 Asparagus  
803 Beans, Snap  
705 Broccoli  
808 Cabbage  
709 Cantaloupe  
714 Cauliflower  
812 Carrots  
715 Celery  
818 Corn, Sweet  
820 Cucumbers  
723 Garlic  
730 Honeydew  
725 Lettuce, Head  
728 Lettuce, All Other  
732 Onions, Bulb  
736 Peppers, Bell  
738 Pumpkins  
840 Spinach  
743 Squash, Summer  
744 Squash, Winter  
748 Strawberries  
850 Tomatoes  
950 Tomatoes  
752 Watermelons

### FLORIDA

803 Beans, Snap  
808 Cabbage  
818 Corn, Sweet  
820 Cucumbers  
920 Cucumbers  
736 Peppers, Bell  
742 Squash  
748 Strawberries  
850 Tomatoes  
752 Watermelons

### GEORGIA

803 Beans, Snap  
808 Cabbage  
818 Corn, Sweet  
820 Cucumbers  
732 Onions, Dry  
736 Peppers, Bell  
742 Squash  
752 Watermelons

### ILLINOIS

818 Corn, Sweet  
738 Pumpkins

### INDIANA

818 Corn, Sweet  
752 Watermelons

### MICHIGAN

701 Asparagus  
903 Beans, Snap  
812 Carrots  
818 Corn, Sweet  
820 Cucumbers  
920 Cucumbers  
738 Pumpkins  
742 Squash

### MINNESOTA

918 Corn, Sweet  
935 Peas, Green

### NEW JERSEY

818 Corn, Sweet  
820 Cucumbers  
736 Peppers, Bell  
743 Squash, Summer  
744 Squash, Winter  
850 Tomatoes

### NEW YORK

803 Beans, Snap FM)  
903 Beans, Snap  
808 Cabbage  
818 Corn, Sweet  
732 Onions, Dry  
742 Squash

### NORTH CAROLINA

803 Beans, Snap  
808 Cabbage  
820 Cucumbers  
736 Peppers, Bell  
742 Squash  
850 Tomatoes  
752 Watermelons

### OHIO

818 Corn, Sweet  
920 Cucumbers  
738 Pumpkins  
850 Tomatoes

### OREGON

903 Beans, Snap  
818 Corn, Sweet  
732 Onions, Dry  
935 Peas, Green  
748 Strawberries

### PENNSYLVANIA

903 Beans, Snap  
818 Corn, Sweet  
738 Pumpkins

### SOUTH CAROLINA

752 Watermelons

### TENNESSEE

803 Beans, Snap  
850 Tomatoes

### TEXAS

808 Cabbage  
709 Cantaloupes  
812 Carrots  
818 Corn, Sweet  
920 Cucumbers  
732 Onions, Dry  
840 Spinach  
752 Watermelons

### WASHINGTON

701 Asparagus  
918 Corn, Sweet  
732 Onions, Dry  
935 Peas, Green  
748 Strawberries

### WISCONSIN

903 Beans, Snap  
808 Cabbage  
912 Carrots  
818 Corn, Sweet  
918 Corn, Sweet  
920 Cucumbers  
935 Peas, Green

**CHEMICALS AND PESTICIDES BY PRODUCT NAME**

**H** = HERBICIDE; **I** = INSECTICIDE; **F** = FUNGICIDE; **M** = MISC. OTHER; **MB** = MISC. BIOLOGICAL/PHEROMONE;

**MD** = MISC. DEFOLIANT; **MG** = GROWTH REGULATOR; **MR** = RODENTICIDE; **MS** = SOIL FUMIGANT

Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
L	H	40128	AATREX 4L HERBICIDE	100-497	L	MS	90334	AMV 540	5481-483
D	H	40143	AATREX NINE-O HERBICIDE	100-585	D	I	10130	ARENA 50 WDG INSECTICIDE	59639-152
L	I	11126	ABACUS AGRICULTURAL MITICIDE/INSECTICIDE	83100-4	L	H	41316	ARMEZON HERBICIDE	7969-262
L	F	70052	ABBA 0.15EC	66222-139	L	H	41021	ARROW 2EC	66222-60
L	I	11438	ABBA ULTRA MITICIDE/INSECTICIDE	66222-226	L	I	11460	ASANA XL INSECTICIDE (DUPONT)	59639-209
L	F	70709	ABOUND FLOWABLE FUNGICIDE	100-1098	L	H	40871	ASCEND™ HERBICIDE	7969-45
D	I	10603	ACEPHATE 75 WSP (DREXEL)	19713-400	D	I	11001	ASSAIL 30 SG INSECTICIDE	8033-36
D	I	10604	ACEPHATE 75 SP	66330-354	D	I	10896	ASSAIL 70WP INSECTICIDE	8033-23
D	I	10653	ACEPHATE 90 SP	70506-2	L	H	40134	ATRAZINE 4L	34704-69
D	I	11346	ACEPHATE 90 WDG	34704-1051	L	H	40138	ATRAZINE 4L	1381-158
D	I	10972	ACEPHATE 97UP INSECTICIDE	70506-8	D	H	40147	ATRAZINE 90 WDG HERBICIDE	34704-622
L	H	41378	ACETO TRIFLURALIN 4 EC HERBICIDE	2749-561	D	H	40150	ATRAZINE 90DF	66222-37
L	I	11285	ACRAMITE-4SC	400-514	D	I	11537	AVAUNT EVO INSECT CONTROL (DUPONT)	352-906
D	I	10886	ACRAMITE-50WS	400-503	D	I	10875	AVAUNT INSECTICIDE (DUPONT)	352-597
D	I	10871	ACTARA INSECTICIDE	100-938	L	F	70841	AZOXYSTROBIN 2.08SC (WILLOWOOD)	87290-44
D	MB	90388	ACTIGARD 50WG	100-922	L	F	70705	BADGE SC	80289-3
D	F	70576	ACTINOVATE SOLUBLE [BIOLOGICAL FUNGICIDE]	73314-1	D	F	70706	BADGE X2	80289-12
L	I	11369	ADAMA LAMBDA CY VC 223	66222-223	D	H	40107	BALAN DRY FLOWABLE	34704-746
L	I	11130	ADMIRE 2 FLOWABLE INSECTICIDE	264-758	L	H	40502	BASAGRAN 5L HERBICIDE	7969-112
L	I	11179	ADVISE 2 FL	1381-205	L	H	40871	BASAGRAN HERBICIDE	7969-45
L	I	11542	ADVISE FOUR	1381-219	L	I	10336	BAYTHROID 2 EMULSIFIABLE PYRETHROID INSECTICIDE	264-745
L	H	40595	AFG ORIGINAL	34704-889	L	I	11046	BAYTHROID XL	264-840
L	H	40529	AFG PLUS	34704-890	D	I	11128	BELEAF 50SG INSECTICIDE	71512-10
D	I	10475	AGREE 50 WP	70051-99	L	I	11155	BELT SC INSECTICIDE	264-1025
D	I	10749	AGREE WG	70051-47	L	H	41308	BENTAZON 4	85678-22
L	I	10405	AGRI-MEK 0.15 EC MITICIDE/INSECTICIDE	100-898	L	I	11393	BESIEGE INSECTICIDE	100-1402
L	I	11328	AGRI-MEK SC MITICIDE/INSECTICIDE	100-1351	L	H	40726	BICEP II MAGNUM HERBICIDE	100-817
L	H, MD	40948	AIM EC	279-3241	L	H	40727	BICEP LITE II MAGNUM HERBICIDE	100-827
L	H, MD	40949	AIM EW	279-3242	L	I	11359	BIFEN 25% EC INSECTICIDE/MITICIDE	86363-1
D	H, MD	41165	AIM HERBICIDE	279-3194	L	I	11360	BIFEN 2EC AG INSECTICIDE/MITICIDE	83222-1
L	I	11130	ALIAS 2F	264-758	D	I	11295	BIFENTURE 10DF INSECTICIDE/MITICIDE	70506-227
L	I	11157	ALIAS 4F	66222-156	L	I	11032	BIFENTURE EC AGRICULTURAL INSECTICIDE	70506-57
D	F	70001	ALIETTE WDG FUNGICIDE	264-516	L	H	41347	BISCAYNE HERBICIDE	83520-26
D	I	10973	AMBUSH 25W INSECTICIDE	5481-502	L	F	70465	BOTRAN 5F FUNGICIDE	10163-226
L	I	10002	AMBUSH INSECTICIDE	5481-549	D	F	70173	BOTRAN 75-W FUNGICIDE	10163-189
L	I	11548	AMTIDE IMIDACLOPRID 2F INSECTICIDE	38167-36					

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
L	F	70331	BRAVADO FUNGICIDE	60063-9	L	I	10218	CARBARYL 2L (DREXEL)	19713-89
L	F	70528	BRAVO 720	50534-188	L	I	10011	CARBARYL 4L (DREXEL)	19713-49
D	F	70249	BRAVO 825 AGRICULTURAL FUNGICIDE	50534-201	D	I	10017	CARBARYL 80S (DREXEL)	19713-50
D	F	70249	BRAVO ULTREX	50534-201	D	I	10020	CARBARYL CUTWORM BAIT	34704-1021
L	F	70528	BRAVO WEATHER STIK	50534-188	L	I	11038	CAVALRY	100-1112
L	H,MS	40745	BRAWL HERBICIDE	100-816	D	F	70938	CHAMP 30 DP	55146-115
L	H	40726	BRAWL II ATZ	100-817	D	F	70489	CHAMP DRY PRILL	55146-57
L	H	40746	BRAWL II HERBICIDE	100-818	L	F	70252	CHAMP FORMULA 2 FLOWABLE	55146-64
L	I	11123	BRIGADE 2EC INSECTICIDE/MITICIDE	279-3313	D	F	70049	CHAMP WG	55146-1
D	I	10460	BRIGADE WSB INSECTICIDE/MITICIDE	279-3108	L	H,MS	40745	CHARGER BASIC	100-816
D	F	70570	BRITZ SULFUR 80 DF	55146-75	L	H	40746	CHARGER MAX	100-818
L	H	40088	BROCLEAN	34704-891	L	H	40726	CHARGER MAX ATZ	100-817
L	H	40651	BROX 2EC HERBICIDE	42750-48	L	H	40727	CHARGER MAX ATZ LITE	100-827
L	H, MS	41386	BUCCANEER 5 EXTRA HERBICIDE	55467-15	L	H	40603	CHIPTOX MCPA SODIUM SALT HERBICIDE	11685-20
L	H	40951	BUCCANEER GLYPHOSATE HERBICIDE	55467-10	L	F	70304	CHLOROTHALONIL 4L	9779-270
L	H	40648	BUCCANEER PLUS GLYPHOSATE HERBICIDE	55467-9	L	F	70849	CHLOROTHALONIL 6	34704-870
L	F	70490	BUMPER 41.8 EC (PROPICONAZOLE) FUNGICIDE	66222-42	L	F	70946	CHLOROTHALONIL 720SC	92044-2
L	F	70890	BUMPER 41VC	66222-241	D	F	70218	CHLOROTHALONIL 90 DF	9779-280
L	I	11013	BUPROFEZIN 40SC	71711-20	L	H	41300	CLETHODIM 2 EC (WILLOWOOD)	87290-11
D	F	70480	CABRIO EG FUNGICIDE	7969-187	D	F	70194	C-O-C-S COPODUST	34704-320
L	H	40917	CALLISTO HERBICIDE	100-1131	D	F	70300	C-O-C-S WDG	34704-326
D	F	70842	CANNONBALL WG	100-1454	L	H	40673	COMMAND 3ME MICROENCAPSULATED HERBICIDE	279-3158
D	F	70802	CANNONBALL WP	100-1360	D	MB	90662	CONTANS WG	264-1174
L	H	40119	VAPAROL 4L HERBICIDE	100-620	L	F	70759	COPPER (3 LB) FLOWABLE FUNGICIDE	42750-75
L	F	70853	CAPTAN 38.75% FL	42750-236	L	F	70526	COPPER SOAP (NEU1140F)	67702-2
D	F	70851	CAPTAN 80 DF	42750-231	L	I	11229	CORAGEN INSECT CONTROL (DUPONT)	352-729
D	F	70484	CAPTAN 80WDG	66222-58	L	H, MS	40941	CORNERSTONE	1381-191
L	F	70707	CAPTEC 4L CAPTAN FLOWABLE FUNGICIDE	66330-239	L	H	40520	CORNERSTONE PLUS	1381-192
D	I	11023	CAPTURE 1.15G INSECTICIDE/MITICIDE	279-3244	L	H, MS	41328	CORNERSTONE PLUS 5	1381-241
L	I	11031	CAPTURE 2 EC INSECTICIDE/MITICIDE	279-3069	D	F	70667	COSAVET DF	70905-1
L	I	11280	CAPTURE LFR SOIL INSECTICIDE	279-3302	L	I	11137	COURAZE 1.6F	264-763
D	I	10010	CARBARYL 10D (DREXEL-10% SEVIN DUST)	19713-212	L	I	11130	COURAZE 2F	264-758
					D	F	70132	CSC DUSTING SULFUR	82571-3

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
D	F	70617	CUPROFIX ULTRA 40 DISPERSS	70506-201	L	I	10048	DREXEL SUFFA	19713-39
L	H	40232	CURBIT EC HERBICIDE	34704-610	L	H	40746	DUAL II MAGNUM HERBICIDE	100-818
D	F	70320	CURZATE 60DF	352-592	L	H, MS	40745	DUAL MAGNUM HERBICIDE	100-816
L	H	40207	CYCLOATE 6-E SELECTIVE HERBICIDE	73637-5	D	F	70126	DUSTING SULFUR	34704-1020
L	H	40878	DACTHAL FLOWABLE HERBICIDE	5481-487	D	F	70744	DUSTING SULFUR FUNGICIDE - INSECTICIDE	34704-735
D	H	40124	DACTHAL W-75 HERBICIDE	5481-490	L	F	70814	ECHO 459/CYMOXANIL 61	60063-53
L	I	10432	DANITOL 2.4 EC SPRAY	59639-35	L	F	70401	ECHO 500	60063-5
L	I	11454	DEBUG TURBO	70310-5	L	F	70500	ECHO 720	60063-7
L	H, MS	41153	DEVRIKOL 2-EC SELECTIVE HERBICIDE	70506-64	D	F	70332	ECHO 75 WDG	60063-2
D	H	40647	DEVRIKOL 50-DF SELECTIVE HERBICIDE	70506-36	D	F	70402	ECHO 825	60063-3
L	I	10975	DIAMOND 0.83ec	66222-35	D	F	70333	ECHO 90DF	60063-10
D	I	11315	DIAZINON 50W	66222-10	L	F	70331	ECHO LITE	60063-9
L	I	11326	DIAZINON AG500	66222-9	L	F	70330	ECHO ZN	60063-4
L	I	10638	DIAZINON AG600	66222-103	D	F	70398	ELEVATE 50 WDG FUNGICIDE	66330-35
L	I	10345	DIBROM 8 EMULSIVE	5481-479	L	F	70528	EMBLEM 720	50534-188
L	I	10292	DIMATE 4EC	66330-223	D	H	40014	ENCOMPASS HERBICIDE	59639-99
L	I	10035	DIMETHOATE 2.67 (DREXEL)	19713-232	L	I	11274	ENDIGO ZC	100-1276
L	I	10041	DIMETHOATE 4EC (DREXEL)	19713-231	D	F	70521	ENDURA FUNGICIDE	7969-197
L	I	10034	DIMETHOATE E267 (GOWAN)	10163-56	D	I	10908	ENTRUST	62719-282
D	H	41123	DIMETRIC DF 75%	1381-197	L	I	11382	ENTRUST SC	62719-621
L	I	11312	DINOTEFURAN 10SL	86203-14	L	I	10043	EPI-MEK 0.15 EC MITICIDE/INSECTICIDE	100-1154
D	I	11308	DINOTEFURAN 20SG	86203-12	L	I	11394	EPI-MEK SCL	100-1439
D	I	11024	DINOTEFURAN 70 SG INSECTICIDE	59639-135	D	H, MS	40677	EPTAM 20-G GRANULES	10163-281
L	H	40223	DINTEC HFP TRIFLURALIN	68156-4	L	H	40170	EPTAM 70E SELECTIVE HERBICIDE	10163-283
D	I	10030	DIPEL WX BIOLOGICAL INSECTICIDE WETTABLE POWDER	73049-8	L	F	70542	EQUUS 720 SST	66222-154
D	I	10641	DIPEL DF BIOLOGICAL INSECTICIDE DRY FLOWABLE	73049-39	D	F	70059	EQUUS DF	66222-149
L	I	10032	DIPEL ES BIOLOGICAL INSECTICIDE EMULSIFIABLE SUSPENSION	73049-17	L	I	11293	ESFENSTAR 8% EC	71532-21
D	I	11141	DIPEL WDG BIOLOGICAL INSECTICIDE	73049-34	L	H	40078	ET 2%SC HERBICIDE/DEFOLIANT	71711-25
D	F	70400	DITHANE DF RAINSHIELD	62719-402	L	MD	90391	ET HERBICIDE/DEFOLIANT	71711-7
L	F	70585	DITHANE F-45	62719-396	L	MG	90633	ETHEPHON 2	85678-9
D	H	41563	DIURON 80 WDG	85678-25	L	H	41353	ETHO SC	70506-106
D	H	41177	DIURON 80 DF	66222-51	L	MG	90004	ETHREL BRANK ETHEPHON PLANT REGULATOR	264-267

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
L	I	10434	EVERGREEN CROP PROTECTION EC 60-6	1021-1770	L	F	70790	HEADLINE SC	7969-289
					L	I	11237	HERO EW (F6126 EW) INSECTICIDE	279-3329
L	I	11379	FANFARE 2 SC INSECTICIDE/MITICIDE	66222-236	L	I	11228	HERO INSECTICIDE	279-3315
L	I	10993	FANFARE 2EC	66222-99					
L	I	11402	FASTAC EC	7969-298	L	I	11136	IMIDACLOPRID 1.6L AG	42750-109
L	F	70794	FIRST CHOICE PHORTRESS FUNGICIDE	86868-4	L	I	11204	IMIDACLOPRID 2FL AG	42750-110
D	F	70384	FLINT FUNGICIDE	264-777	L	I	11281	IMIDACLOPRID 4FL AG	42750-140
L	F	70777	FONTELIS FUNGICIDE (DUPONT)	352-834	L	I	11467	IMIDACLOPRID 4SC (WILLOWOOD)	87290-26
L	H	40397	FORMULA 40	228-357	D	I	11298	IMIDACLOPRID 60WP GH	42750-153
L	F	70565	FORUM FUNGICIDE	241-427	L	H	40128	INFANTRY 4L	100-497
L	F	70622	FOSPHITE FUNGICIDE	68573-2	L	F, M	70541	INITIATE 720 FLOWABLE FUNGICIDE	34704-881
L	I	10977	FUJUMITE 5EC MITICIDE/INSECTICIDE	71711-19	L	F	70612	INSPIRE	100-1262
D	I	10832	FULFILL INSECTICIDE	100-912	L	F	70702	INSPIRE SUPER	100-1317
L	F	70867	FUNGI-PHITE	73771-5	L	F	70801	INSPIRE XT	100-1312
L	I	10502	FURY 1.5 EC INSECTICIDE	279-3125	D	I	10515	INTEGRO MAGIC SULFUR DUST	79702-1
L	I	10487	FURY 1.5 EW INSECTICIDE	279-3126	L	H	41114	INTENSITY ONE POST EMERGENCE GRASS HERBICIDE	34704-976
L	H	40598	FUSILADE DX HERBICIDE	100-1070	L	H	41026	INTENSITY POST-EMERGENCE GRASS HERBICIDE	34704-864
L	H	40317	GALIGAN 2E	66222-28	L	I	10876	INTREPID 2F INSECTICIDE	62719-442
L	H	41148	GALIGAN H20	66222-140	L	F	70864	IPRODIONE 4F FUNGICIDE	70506-243
L	I	11092	GAUCHO 550 SC INSECTICIDE	264-827	L	F	70492	IPRODIONE 4L AG	66330-297
L	H, MS	40977	GLYPHOSATE 4 HERBICIDE	51036-312	D	F	70493	IPRODIONE 50WP AG	66330-298
L	H, M	41023	GLYPHOSATE 41% (GLY-4)	42750-60	L	I	10090	JAVELIN	70051-60
L	H	41053	GLYPHOSATE 41% PLUS	42750-61	D	I	10209	JAVELIN WG	70051-66
L	H	40641	GOAL 2XL HERBICIDE	62719-424	D	I	10210	JAVELIN WG 2	70051-98
L	H	40499	GOALTENDER	62719-447	D	I	10224	JAVELIN WP	70051-61
L	H	40506	GRAMOXONE INTEON	100-1217	L	F	70491	JMS STYLET-OIL	65564-1
L	H	41283	GRAMOXONE SL 2.0	100-1431					
D	I	11373	GRANDEVO	84059-17	D	I	11292	KAISO 24 WG INSECTICIDE	228-526
L	I	11168	GRIZZLY Z INSECTICIDE	1381-211	D	F	70329	KALIGREEN	11581-2
					L	I, M	11052	KANEMITE 15 SC MITICIDE	66330-38
D	H	41124	HALOSULFURON 75WDG HERBICIDE	2749-528	L	H	41156	KERB 3.3 SC	62719-578
L	H	40692	HARNESS HERBICIDE (MON 58425)	524-473	D	H	40867	KERB 50-W	62719-397
L	H	40630	HARNESS XTRA HERBICIDE	524-480	L	I	11015	KNACK INSECT GROWTH REGULATOR	59639-95
L	F	70549	HEADLINE FUNGICIDE	7969-186	D	F	70865	KOCIDE 101	91411-3

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
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D	F	70860	KOCIDE 2000	91411-1	L	I	10644	MALATHION 8 AQUAMUL	34704-474
D	F	70862	KOCIDE 3000	91411-2	L	I	10313	MALATHION 8E INSECTICIDE	34704-452
L	F	70870	KOCIDE 4.5 LF	91411-5	L	F	70585	MAZCOZEB 4 FLOWABLE (LESCO) FUNGICIDE	62719-396
D	F	70859	KOCIDE DF	91411-6	D	F	70400	MANZCOZEB DG (LESCO) MANKOCIDE	62719-402
L	F	70235	KOCIDE LF	1812-338	D	F	70861	FUNGICIDE/BACTERICIDE	91411-7
L	F	70621	K-PHITE 7LP FUNGICIDE	73806-1	D	F	70717	MANZATE 80 WP FUNGICIDE MANZATE FLOWABLE FUNGICIDE	70506-235 70506-236
D	F	70160	KUMULUS DF	51036-352	L	F	70729	MANZATE PRO-STICK FUNGICIDE	70506-234
L	I	11148	LAMBDA CY EC INSECTICIDE	70506-120	D	H	40663	MATRIX HERBICIDE (DUPONT)	352-556
L	I	11149	LAMBDA-CY (UPI-2005 EXP- 06) INSECTICIDE	70506-121	D	H	41101	MATRIX SG HERBICIDE (DUPONT)	352-768
L	I	11372	LAMBDA-CY 1 EC (WILLOWOOD)	87290-24	L	H	40178	MEDAL HERBICIDE	100-964
L	I	11362	LAMBDA-CY AG	83222-42	L	H	40934	MEDAL II HERBICIDE	100-965
L	I	11169	LAMBDASTAR 1 CS	71532-25	D	MB	90661	MELOCON WG	264-1175
L	I	10097	LANNATE LV INSECTICIDE (DUPONT)	352-384	L	F	70793	MERIVON XEMIUM BRAND FUNGICIDE	7969-310
D	I	10098	LANNATE SP INSECTICIDE (DUPONT)	352-342	L	H	41266	METOLACHLOR 7.8 ME-TOO-LACHLOR HERBICIDE (DREXEL)	60063-24 19713-548
L	H	41033	LIASSO HERBICIDE	524-314	L	H	41116	METRI 4F HERBICIDE	70506-68
L	H	41111	LAUDIS HERBICIDE	264-860	D	H	40175	METRI DF	70506-103
L	I	10824	LEVERAGE 2.7 SUSPENSION EMULSION INSECTICIDE	264-770	D	H	41123	METRIBUZIN 75% DF	1381-197
L	I	11284	LEVERAGE 360 INSECTICIDE	264-1104	D	H	40496	METRIBUZIN 75WG	66222-106
D	F	70620	LINEBACKER WDG FUNGICIDE	61842-9	L	F	70735	METTLE 125 ME FUNGICIDE	80289-8
D	H	41195	LOROX DF	61842-23	D	F	70667	MICRO SULF 2 MICRO SULF MICRONIZED WETTABLE SULFUR	70905-1 55146-75
D	I	10101	LORSBAN 15G	62719-34	D	F	70424	MICROTHIOL DISPERS	70506-187
D	I	10117	LORSBAN 75WG	62719-301	L	M	90565	MILSANA BIOPROTECTANT CONCENTRATE	84059-2
L	I	10105	LORSBAN ADVANCED	62719-591	L	F	70805	MILTREX 10 SC FUNGICIDE	8033-103
L	I	10983	LORSBAN-4E	62719-220	L	H, MD	40942	MIRAGE HERBICIDE	524-445
L	H	41307	LUMAX EZ HERBICIDE	100-1442	L	H	40528	MIRAGE PLUS	34704-883
L	H	40952	LUMAX SELECTIVE HERBICIDE	100-1152	L	F	70624	MONSOON	34704-900
L	H, MS	40977	MAD DOG I GLYPHOSATE (ORIGINAL)	51036-312	L	I	11160	MONTANA 2F INSECTICIDE	83100-7
L	H	41296	MAESTRO 4EC SELECTIVE HERBICIDE	71368-78	L	I	11147	MOVENTO M-PEDE INSECTICIDE	264-1050 10163-324
L	I	10754	MALATHION 5 EC	66330-220	L	I	11309	MITICIDE FUNGICIDE	
L	I	10307	MALATHION 8	10163-21					

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
L	I	11354	MUSTANG MAXX (F9144 EC) INSECTICIDE	279-3426	L	H	41280	PARALLEL PCS	66222-86
L	F	70701	NEEM OIL 70%	70051-2	L	I	11448	PASADA 1.6F	66222-228
L	I	11143	NEEMAZAD 1% EC	70051-104	L	H	40655	PENDANT 3.3EC HERBICIDE	241-337
L	I	10883	NEEMAZAL 5/S 1.2%EC INSECTICIDE	71908-1	L	F	70690	PENNCOZEB 4FL FLOWABLE FUNGICIDE	70506-194
D	I	11302	NEUDORFF BUG BAID	67702-25	D	F	70105	PENNCOZEB 75 DF	70506-185
L	F	70714	NEVADO 4F	66222-144	D	F	70024	PENNCOZEB 80WP FUNGICIDE	70506-183
D	F	70116	NORDOX	48142-1	L	I	11232	PERMASTAR AG	71532-15
D	F	70509	NORDOX 75 WG	48142-4	L	I	11247	PERMETHRIN	34704-873
L	H, MS	40491	NORTRON E.C.	264-612	L	I	11412	PERMETHRIN 10 EW	53883-69
L	H	40683	NORTRON SC HERBICIDE	264-613	L	I	11391	PERMETHRIN 3.2 AG	83222-3
D	F	70571	NOVA 40W AGRICULTURAL FUNGICIDE IN WATER SOLUBLE POUCHES	62719-411	D	I	11235	PERM-UP 25DF DRY FLOWABLE INSECTICIDE	70506-66
L	F	70733	NUCOP 3L HB	42750-167	L	I	10915	PERM-UP 3.2 EC INSECTICIDE	70506-9
D	F	70598	NU-COP XLR	42750-132	L	F	70464	PHOSTROL AGRICULTURAL FUNGICIDE	55146-83
L	H	41125	NUFARM KORIL 2EC HERBICIDE	71368-29	L	MD, MS	90161	PIC-CLOR 15	8536-21
L	F	70703	NUFARM 5-METHYL 4.5 F FUNGICIDE	228-652	L	MD, MS	90439	PIC-CLOR 60	8536-8
L	I	11132	NUPRID 1.6 F INSECTICIDE	228-488	L	MD, MS	90538	PIC-CLOR 60 EC	8536-43
L	I	11207	NUPRID 2SC SOIL/FOLIAR INSECTICIDE	228-572	L	I	11146	PLATINUM 75 SG INSECTICIDE	100-1291
L	I	11277	NUPRID 4.6F INSECTICIDE	228-527	D	I	10872	PLATINUM INSECTICIDE	100-939
L	I	11504	NUPRID 4F INSECTICIDE	228-528	L	H	41049	POAST HERBICIDE	7969-58
L	I	10526	OBERON 2SC INSECTICIDE/MITICIDE	264-719	L	H	41050	POAST PLUS HERBICIDE	7969-88
L	I	10269	OBERON 4 SC INSECTICIDE/MITICIDE	264-850	D	I	10157	POUNCE 25 WP INSECTICIDE	279-3051
L	M	90424	ONAGER MITICIDE	10163-277	L	I	10913	POUNCE 3.2 EC INSECTICIDE	279-3014
D	H	41246	OPTILL POWERED BY KIXOR HERBICIDE	7969-280	D	I	10437	POUNCE WSB INSECTICIDE	279-3083
D	I	10149	ORTHENE 75 S SOLUBLE POWDER	5481-8971	L	H	40197	PREFAR 4-3 HERBICIDE	10163-200
D	I	10652	ORTHENE 90S	5481-8974	L	F	70656	PRESIDIO (V-10161 4) SC FUNGICIDE	59639-140
D	I	10831	ORTHENE 97 PELLETS	5481-8978	L	F	70506	PREV-AM ULTRA	72662-3
L	H	40932	OUTLOOK HERBICIDE	7969-156	L	F	70463	PREVICUR	264-678
L	F	70710	OXIDATE BROAD SPECTRUM BACTERICIDE/FUNGICIDE	70299-2	L	I	11129	PREY 1.6 INSECTICIDE	34704-894
L	I	11369	PARADIGM	66222-223	L	F	70764	PRIAXOR XEMIMUM BRAND FUNGICIDE	7969-311
L	H	41062	PARALLEL	66222-87	D	F	70519	PRISTINE FUNGICIDE	7969-199
					D	I	10808	PROCLAIM INSECTICIDE	100-904
					L	F	70552	PROCURE 480SC	400-518
					D	F	70250	PROCURE 50WS	400-431

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
L	F	70670	PROMESS FUNGICIDE	55260-10	L	F	70533	REASON 500 SC FUNGICIDE	264-695
L	H	40123	PROMETRYN 4L HERBICIDE	66222-15	L	H	40365	REFLEX HERBICIDE	100-993
L	H	41301	PRONAMIDE 3.3SC (WILLOWOOD)	87290-22	L	M	90523	REGALIA BIOPROTECTANT CONCENTRATE	84059-3
D	H	41298	PRONAMIDE 50WSP (WILLOWOOD)	87290-3	L	MO	90675	REGALIA MAXX	84059-6
L	H	40932	PROPEL HERBICIDE	7969-156	L	F	70619	REVUS FUNGICIDE	100-1254
L	F	70474	PROPHYT	42519-22	L	F	70686	REVUS TOP	100-1278
L	I	11137	PROVADO 1.6 FLOWABLE INSECTICIDE	264-763	L	F	70666	RIDOMIL GOLD BRAVO SC	100-1221
L	I	11167	PROVINCE II INSECTICIDE	100-1295	D	F	70328	RIDOMIL GOLD COPPER	100-804
L	I	11038	PROVINCE INSECTICIDE	100-1112	L	F	70340	RIDOMIL GOLD EC	100-801
L	H	40655	PROWL 3.3 EC HERBICIDE	241-337	D	F, MS	70314	RIDOMIL GOLD GR	100-798
L	H	41010	PROWL H2O HERBICIDE	241-418	D	F	70324	RIDOMIL GOLD MZ WG	100-1269
D	H	41109	PRUVIN HERBICIDE	66222-184	L	F	70076	RIDOMIL GOLD SL	100-1202
L	H	40363	PURSUIT HERBICIDE	241-310	L	I	10975	RIMON 0.83 3C INSECTICIDE	66222-35
L	H	40364	PURSUIT PLUS EC HERBICIDE	241-331	L	H	40207	RO-NEET 6-3	73637-5
L	I	10429	PYGANIC CROP PROTECTION EC 1.4	1021-1751	L	H	41299	RO-NEET HERBICIDE	74530-16
L	I	10959	PYGANIC CROP PROTECTION EC 1.4 II	1021-1771	D	F	70808	ROPER DF RAINSHIELD	34704-1063
L	I	11082	PYGANIC CROP PROTECTION EC 5.0	1021-1750	L	I	11341	ROTAM 4F INSECTICIDE	83100-21
L	I	10960	PYGANIC CROP PROTECTION EC 5.0 II	1021-1772	L	I	11403	ROTAM METHOMYL 29LV INSECTICIDE	83100-27
L	I	11451	QRD 400	264-1157	D	I	11385	ROTAM METHOMYL 90SP INSECTICIDE	83100-28
L	F	70079	QUADRI OPTI	100-1171	L	F	70713	ROTAM TEBUCONAZOLE 3.6F AGRICULTURAL FUNGICIDE	83100-1
L	F	70689	QUADRI TOP FUNGICIDE	100-1313	L	H, MD	40942	ROUNDUP EXPORT HERBICIDE	524-308
L	F	70577	QUELL	55146-73	L	H	41007	ROUNDUP HERBICIDE	524-445
L	F	70525	QUILT FUNGICIDE	100-1178	L	H	41007	ROUNDUP ORIGINAL 2K HERBICIDE	524-539
L	F	70726	QUILT XCEL FUNGICIDE	100-1324	L	H, MS	41162	ROUNDUP ORIGINAL II HERBICIDE	524-454
L	F	70524	QUINTEC	62719-375	L	H	40509	ROUNDUP POWER MAX (RD 1617)	524-549
L	I	11230	RADIANT SC INSECTICIDE	62719-545	L	H	41042	ROUNDUP POWERMAX II (MON 78270)	524-537
D	F	70595	RALLY 40WSP	62719-410	D	H, MS	40841	ROUNDUP ULTRA DRY	524-504
L	F	70594	RAMPART FUNGICIDE	34704-924	L	H	41159	ROUNDUP ULTRA HERBICIDE	524-475
L	F	70553	RANMAN 400 SC	71512-3	L	H	40842	ROUNDUP ULTRAMAX	524-512
L	H	40987	RAPTOR HERBICIDE	241-379	L	H	40519	ROUNDUP VM HERBICIDE	524-544
L	I	11059	REAPER 0.15 EC	34704-923	L	F	70750	ROVRAL 4 FLOWABLE FUNGICIDE	279-9564
L	I	11409	REAPER CLEARFORM	34704-1078	D	F	70751	ROVRAL 50 SP FUNGICIDE	279-9567
					D	F	70749	ROVRAL FUNGICIDE	279-9563
					L	MG	90008	ROYAL MH-30	400-84

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Form	Class	Code	Product Name	EPA #	Form	Class	Code	Product Name	EPA #
D	MG	90018	ROYAL MH-30 SG	400-165	L	H	40425	STINGER	62719-73
L	MG	90277	ROYAL MH-30 XTRA	400-452	L	H	40939	STRATEGY	34704-836
D	H	40945	SANDEA HERBICIDE	81880-18	L	I	10658	SUCCESS	62719-292
D	I	10906	SAVEY 50 DF OVICIDE/MITICIDE	10163-250	L	F, I	70110	SULFUR 6L	66330-211
D	I	11104	SAVEY OVICIDE/MITICIDE 50-WP	10163-208	D	I	10399	SULFUR 90W (DREXEL)	19713-238
L	F	70534	SCALA BRAND SC FUNGICIDE	264-788	D	F	70160	SULFUR DF	51036-352
L	I	11323	SCORPION 35SL INSECTICIDE	10163-317	L	I	10512	SUPER SIX LIQUID SULFUR	65343-1
L	H	41041	SELECT 2EC HERBICIDE	59639-3	L	I	10687	SUPERNEEM 4.5-B	70051-9
L	H	40848	SELECT HERBICIDE	59639-78	D	I	10879	SURROUND CF CROP PROTECTANT	61842-16
D	H	40209	SENCOR DF 75% DRY FLOWABLE HERBICIDE	264-738	D	I	10880	SURROUND WP CROP PROTECTANT	61842-18
D	F	70855	SERENADE	264-1148	D	F	70379	SWITCH 62.5WG	100-953
L	F	70856	SERENADE AS	264-1149	D	I	11225	SYNAPSE WG INSECTICIDE	264-1026
L	F	70786	SERENADE ASO	264-1152	D	F	70522	TANOS (DUPONT)	352-604
D	F	70789	SERENADE BIOFUNGICIDE WETTABLE POWDER	264-1144	L	H	41120	TAPOUT	5905-578
D	F	70785	SERENADE MAX	264-1151	L	H, MS	41331	TAPOUT WFP	5905-586
D	I	10281	SEVIN 5 BAIT	2935-366	L	F	70699	TEBUCONAZOLE 3.6FL	42750-99
D	I	11365	SEVIN 80 SOLUPAK	61842-34	L	MS	90011	TELONE II	62719-32
L	I	11364	SEVIN BRAND 4F CARBARYL INSECTICIDE	61842-38	L	F	70330	THALONIL 4L	60063-4
D	I	11259	SEVIN BRAND GRANULAR CARBARYL INSECTICIDE	432-885	L	I	10917	THIONEX 3 EC INSECTICIDE	66222-63
L	I	10029	SEVIN SL CARBARYL INSECTICIDE	432-1227	D	I	10966	THIONEX 50W INSECTICIDE	66222-62
L	I	11366	SEVIN XLR PLUS CARBARYL INSECTICIDE	61842-37	L	F	70818	THIOPHANATE METHYL 4.5 F	66222-134
L	H	41135	SHARPEN POWERED BY KIXOR HERBICIDE	7969-278	D	F	70103	THIRAM GRANUFLO AGRICULTURAL FUNGICIDE	45728-21
L	I	11161	SHERPA	34704-983	L	F	70072	TILT	100-617
L	I	10158	SILENCER	66222-104	D	F	70380	TILT 45W	100-780
L	H, MD	40942	SILHOUETTE HERBICIDE	524-445	L	F	70606	TILT BRAVO SE	100-1192
D	M	90325	SLUG AND SNAIL BAIT (SLUGGO – NEU1165M)	67702-3	L	I	11384	TOLFENPYRAD 15 EC INSECTICIDE	71711-31
L	I	11124	SNIPER	34704-858	L	I	10978	TOMBSTONE	34704-912
L	F, MO	70800	SONATA ASO	264-1153	L	I	11173	TOMBSTONE HELIOS	34704-978
L	H	40932	SORTIE HERBICIDE	7969-156	L	F	70622	TOPAZ FUNGICIDE	68573-2
L	H	40947	SPARTAN 4F	279-3220	L	H	40297	TOPRAMEZONE SC HERBICIDE	5481-524
D	H, MS	41040	SPARTAN HERBICIDE	279-3189	L	F	70783	TOPSIN 4.5FL FUNGICIDE	8033-122
L	MG	90030	SPROUT STOP (DREXEL)	19713-2	D	F	70778	TOPSIN M 70WDG	8033-126
D	I	11465	STILETTO	2935-551	D	F	70787	TOPSIN M 70WP	8033-120
L	MG	90629	STIMPLEX CROP BIOSTIMULANT	75287-3	D	F	70796	TOPSIN M 85 WDG	8033-124

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D	F	70788	TOPSIN M WSB	8033-125	L	F	70833	VEGGIETURBO 5SC SUSPENSION CONCENTRATE FUNGICIDE	68173-4
L	H, MS	40918	TOUCHDOWN HERBICIDE	100-1117	L	I	11236	VETICA INSECTICIDE (NNI-0871 SC)	71711-32
L	H	40534	TOUCHDOWN HITECH HERBICIDE	100-1182	D	I	11165	VOLIAM FLEXI INSECTICIDE	100-1319
L	H, MD	40238	TOUCHDOWN TOTAL	100-1169	L	I	11238	VOLIAM XPRESS INSECTICIDE	100-1320
L	H	41047	TREFLAN 4L HERBICIDE	34704-853	L	I	10337	VYDATE C-LV INSECTICIDE/NEMATICIDE	352-532
L	H	40222	TREFLAN E.C. WEED AND GRASS PREVENTER	62719-97	L	I	10258	VYDATE L INSECTICIDE/NEMATICIDE	352-372
L	H	40716	TREFLAN H.F.P.	62719-250	L	I	10983	WARHAWK	62719-220
D	H	40226	TREFLAN TR-10	62719-131	L	I	11167	WARRIOR II WITH ZEON TECHNOLOGY	100-1295
L	MS	90386	TRI-CLOR EC FUMIGANT	58266-5	L	I	11038	WARRIOR INSECTICIDE WITH ZEON TECHNOLOGY	100-1112
D	MS	90116	TRI-CLOR FUMIGANT	58266-2	D	F, I	70128	WILBUR-ELLIS DUSTING SULFUR	2935-48
D	H, MS	40554	TRIFLURALIN 10G	34704-790	D	F, I	10514	WILBUR-ELLIS SPRAY SULFUR	2935-92
L	H	40550	TRIFLURALIN 4 E.C.	5905-519	L	I	11127	WRANGLER INSECTICIDE	34704-931
L	H	40547	TRIFLURALIN HF	34704-792	L	I	11142	XENTARI AS BIOLOGICAL INSECTICIDE	73049-31
L	H	40292	TRIFLUREX HFP	66222-46	D	I	10718	XENTARI BIOLOGICAL INSECTICIDE DRY FLOWABLE	73049-40
D	I	10195	TRIGARD INSECTICIDE	100-654	D	I	10505	XENTARI BIOLOGICAL INSECTICIDE WATER DISPERSIBLE GRANULE	73049-23
D	I	11094	TRIGARD OMC	100-790	L	F	70607	YELLOW JACKET FLOWABLE SULFUR	6325-22
L	H	40871	TROPHY® POSTEMERGENCE HERBICIDE	7969-45	D	F	70512	YELLOW JACKET SPECIAL DUSTING SULFUR	6325-17
L	H	40551	TRUST 4EC	9779-303	D	F	70031	YELLOW JACKET WETTABLE SULFUR II	6325-13
L	H	40887	TRUST HERBICIDE	1381-146	L	F	70792	ZAMPRO FUNGICIDE	7969-302
L	I	11159	TUNDRA EC	1381-196	L	I	10903	Z-CYPE 0.8 EC INSECTICIDE	279-3249
L	I	11032	TUNDRA INSECTICIDE	70506-57	D	I	11017	ZEAL WDG MITICIDE	59639-123
L	F	70577	ULTRA FLOURISH AGRICULTURAL FUNGICIDE	55146-73	D	I	10967	ZEAL WP MITICIDE	59639-138
L	H	40005	V-10137 1 EC HERBICIDE (PRISM MAX)	59639-132	L	I	11208	ZETA-CYPE 0.8EW INSECTICIDE	279-3328
L	I	11276	V-10170 2.13SC INSECTICIDE (BELAY)	59639-150	L	I	11529	ZORO MITICIDE/INSECTICIDE	279-3553
D	H	40014	VALOR HERBICIDE	59639-99	L	MS	90176	VAPAM HL SOIL FUMIGANT	5481-468
L	H	41050	VANTAGE	7969-88					
L	MS	90176	VAPAM HL SOIL FUMIGANT	5481-468					

### Common Conversions for Liquid and Dry Measurements

1 Pound	equals	16 Ounces
1 Pound	equals	0.45 Kilograms
1 Kilogram	equals	1,000 Grams
1 Kilogram	equals	2.2046 Pounds
1 Ounce	equals	28.47 Grams
1 Ounce	equals	0.0625 Pounds
1 Gallon	equals	4 Quarts
1 Gallon	equals	3.785 Liters
1 Gallon	equals	8 Pints
1 Gallon	equals	128 Ounces
1 Quart	equals	2 Pints

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**Notes:**