

NATIONAL AGRICULTURAL STATISTICS SERVICE

JANUARY 2007

NURSERY AND FLORICULTURE CHEMICAL USE SURVEY

RESPONDENT BOOKLET

CHEMICALS and PESTICIDES PRODUCTS

F = Fungicide; H = Herbicide; I = Insecticide; M = Misc. Other; MD = Defoliant/Dessicant; MG = Growth Regulator;

MR = Rodenticide; MS = Soil Fumigant

AS; Aqueous Suspension, D; Dust, DF; Dry flowable, DG; Water-Dispersible Granules, E or EC; Emulsifiable Concentrate, ES; Emulsifiable solution,

F or L; Flowable, G or GR; Granular, L; Liquid, LV; Low volatility, M or ME; Microencapsalted, P; Pellets, S; Solution, SL; Slurry, SP; Soluble powder, W or WP; Wettable powder, WDG or WG; Water-Dispersible Granules, WSP; Water-soluble packet

D/L		Class Code	Product Name	D/L		Class Code	Product Name
L	I	1765	PT 1100 Pyrethrum TR	L	I	1326	Avid 0.15 EC
L	H	4759	2,4-D Amine 4CA	D	I	1728	Award
L	H	4283	2,4-D L.V. 4 Ester	L	I	1729	Azatin XL
L	H	4377	2,4-D Amine 4	L	I	1545	Azatin-EC Biological Insecticide
L	F	7407	3336 F				
D	F	7408	3336 G	D	MG	9192	B-Nine SP
D	F	7360	3336 WP	D	MG	9345	B-Nine WSG
				L	H	4786	Backdraft
L	MG	9324	A-Rest Solution	L	F	7611	Banner GL
D	F	7293	AQ 10 Biofungicide	L	F	7163	Banner Pro
L	H	4461	Accord	L	F	7349	Banner MAXX
D	I	1483	Acephate 75 WSP	L	F	7350	Banol
D	I	1716	Address 75 WSP	D	F	7409	Banrot 40 WP
D	I	1726	Adept	D	F	7469	Banrot 8G
L	I	1427	Admire 2 Flowable	L	MG	9359	BAP 10
D	I	1355	Agree WG	D	H	4837	Bare Spot Monobor-Chlorate
L	I	1193	Agri Mek 0.15EC	L	H	4808	Barrage
D	F	7195	Agri-Mycin 17	D	H	4710	Barricade 65WG
D	F	7223	Aliette WDG	D	H	4768	Barrier Ornamental Landscaping
L	I	1486	Align XL (EC)	L	H	4796	Basagran T/O
L	I	1002	Ambush	D	MS	9176	Basamid Granular
D	I	1001	Ambush 25W	D	F	7196	Basicop
D	I	1554	Amdro Granular	L	F	7493	Bayleton 009 EC T&O Fungicide
L	I	1133	Ammo 2.5EC	D	F	7410	Bayleton 25
L	I	1264	Apollo SC	D	F	7002	Bayleton 50 WSP
D	I	1471	Applaud 70WP	D	F	7046	Bayleton 50% DF
D	F	7400	Armcarb 100	L	I	1246	Baythroid 2
L	I	1003	Asana (1.9EC)	D	F	7004	Benlate 50 DF
L	I	1004	Asana XL (.66EC)	D	F	7212	Benlate SP
L	I	1778	Astro 3.2EC	D	F	7367	Benomyl WP
L	H	4041	Atrazine 4L	D	I	1812	Biobit HP WP
D	H	4044	Atrazine 90DF	L	I	1855	Black Leaf 40
L	MG	9347	Atrimmec Plant Growth Regulator	D	F	7217	Blue Shield WP
D	I	1727	Attain Total Release	L	MG	9202	Bonzi Ornamental Growth Regulator
D	M	9314	Auxigro	D	F	7459	Bordeaux
				D	I	1817	BotaniGard 22WP

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D/L		Class Code	Product Name
D	F	7006	Botran 75W
L	F	7007	Bravo 500 (4.17EC)
D	F	7009	Bravo 90DG
D	F	7241	Bravo Ultrex (82.5 WDG)
L	F	7008	Bravo Weather Stik (6EC)
D	I	1367	Britz Bt Dust
L	H	4024	Buctril (2EC)
L	MG	9032	Burst Yield Booster
D	F	7290	C-O-C-S WDG
L	F	7411	Camelot
D	F	7088	Captan 50W
D	F	7089	Captan 80-WP
L	F	7090	Captec 4L
L	I	1140	Capture 2EC
L	I	1011	Carbaryl 4L
D	I	1012	Carbaryl 50W
D	I	1181	Carzol SP
D	H	4032	Casoron 4G
L	F	7244	Champ Formula 2
D	F	7224	Champ Formula II DF WSP
D	F	7051	Champion WP
D	M	9124	Checkmate OFM
L	F	7270	Chipco 26019 Flo
D	F	7271	Chipco 26019 WDG
D	H	4718	Chipco Ronstar G
D	MS	9199	Chloropicrin 100
L	F	7297	Chlorothalonil 4L
L	I	1482	Chlorpyrifos 4E AG
L	I	1730	Cinnamite
L	F	7412	Cinnamite
D	I	1731	Citation
L	I	1810	Citrus Soluble Oil
D	H	4167	Classic
D	F	7369	Cleary S 3336 Turf Fungicide
L	F	7470	Clorox Bleach (5.25%)
D	I	1807	Closure 76WP
D	I	1670	Condor WP
L	I	1441	Confirm 2F
L	H	4711	Confront
L	M	9308	Consan Triple Action 20
L	I	1699	Conserve SC (Turf & Ornamental)
D	F	7363	Consyst WDG
D	F	7461	Contrast 70WSP
L	F	7471	Copper Fungicide 4E
L	F	7092	Copper-Count-N
D	M	9187	Corry's Slug Bait (2% metaldehyde)
L	H	4363	Crossbow
D	I	1477	Crymax WDG
D	I	1281	Cryolite 96 Dust
D	I	1732	Cryolite Bait
D	F	7414	Curalan EG
D	I	1318	Cutlass WP
D	MG	9361	Cutless 50 W

D/L			Class Code	Product Name	L	I	1830	Delete 3% Multipurpose Spray
					L	I	1840	Deltagard GC
L	H	4181	Cyclone		L	I	1775	Denim
L	MD	9031	Cyclone		L	I	1717	Detur
L	H	4654	Cyclone Concentrate		D	H	4036	Devrinol 10-G
L	MG	9190	Cycocel Plant Growth Regulant		D	H	4588	Devrinol 5-G
D	F	7453	Cygnus		D	H	4343	Devrinol 50-DF
L	MG	9081	Cytokin Bioregulator Concentrate		D	I	1033	Di-Syston 15% G
					D	I	1835	Di-Syston 2% G
L	I	1362	D-264 EC500		D	I	1411	Diatect Multipurpose Insecticide
D	I	1043	D-z-n Diazinon 14G		D	I	1047	Diazinon 14G
D	I	1044	D-z-n Diazinon 50W		L	I	1398	Diazinon 25% Spray (2EC)
L	I	1045	D-z-n Diazinon AG500 (4E)		L	I	1041	Diazinon 4E
L	F	7180	Daconil 2787		D	I	1361	Diazinon 5 Granules
D	F	7352	Daconil Ultrex Turf Care		D	I	1050	Diazinon 50W
L	F	7353	Daconil Weather Stik		L	I	1046	Diazinon AG500 (4E)
L	F	7351	Daconil Zn		L	I	1022	Dibrom 8 Emulsive
L	H	4805	Dacthal Flowable		L	I	1320	Dicofol 4 E
L	I	1522	Damoil Dormant Oil Spray		L	I	1718	Digon 400
L	I	1307	Danitol 2.4 EC Spray		L	I	1212	Dimate 4E
D	M	9154	Deadline Bullets		L	H	4706	Dimension
D	M	9337	Deadline M-Ps		L	I	1028	Dimethoate 2.67EC
D	I	1733	Decathlon 20 WP		D	I	1230	Dimethoate 25WP
L	I	1557	Declare		L	I	1267	Dimethoate 400
D	F	7415	Decree 50 WDG		L	I	1029	Dimethoate 4EC
D	F	7472	Defend 10G		D	I	1145	Dimilin 25W
D	F	7416	Defend 75 WP		L	I	1352	Dimilin 4L (For Forests)
					L	I	1796	Dimilin 4L (For Ornamentals)
D/L			Class Code	Product Name	D	I	1535	Dylox 6.2
D	I	1023	Dipel 2X (WP)		L	F	7420	Echo 500 Turf & Ornamental
L	I	1024	Dipel 4L		L	F	7226	Echo 720
D	I	1516	Dipel DF		D	F	7421	Echo 75 WDG Turf & Ornamental
L	I	1025	Dipel ES		D	F	7332	Echo 90DF
L	H	4313	Diquat		L	F	7330	Echo Lite
D	H	4040	Direx 80DF		L	I	1719	Ecozin 3% EC
L	I	1734	Distance		D	F	7337	Elevate 50 WDG
L	F	7015	Dithane F-45 Flowable		D	F	7287	Elite 45 DF
D	F	7016	Dithane M-45		D	I	1738	Endeavor
L	F	7318	Dithane M-45 Flowable M		L	I	1199	Endosulfan 3EC
D	F	7417	Dithane 75DF Rainshield		D	I	1231	Endosulfan 50W
L	F	7418	Dithane WF (Turf & Ornamental)		L	I	1330	Enstar 5E
D	F	7317	Dithane WSP		L	I	1739	Enstar II
L	H	4045	Diuron 4L		L	H	4769	Envoy
D	H	4605	Diuron 80DF		L	H	4053	Eptam 7-E
D	H	4046	Diuron 80W		L	MG	9004	Ethrel Plant Regulator (2EC)
D	F	7134	Dodine 65W		D	H	4056	Evital 5G
D	H	4807	Domain DF		L	H	4509	Expedite
L	H	4660	Dual II Magnum		D	I	1740	Extinguish
D	F	7419	Duosan WSB					
L	I	1735	DuraGuard ME		D	H	4760	Facet GR
L	I	1736	Duraplex TR		D	H	4770	Factor
L	I	1291	Dursban 1E		D	F	7474	Ferbam Granuflo
D	I	1527	Dursban 1% Granules		L	H	4615	Finale
D	I	1793	Dursban 2.5G		D	I	1785	Fireban
L	I	1693	Dursban 2E					
L	I	1537	Dursban 4E					
D	I	1510	Dursban 50W (For Turf)					
D	I	1816	Dursban 50W Nursery					
D	I	2023	Dursban 50W in WSP (For T & O)		D/L			Class Code Product Name
L	I	1688	Dursban Pro		D	F	7462	FirstStep
D	I	1737	Dycarb 76 WP		D	F	7401	Flint

D	I	1741	Floramite
L	MG	9140	Florel Plant Growth Regulator
D	F	7402	Flouronil
L	F	7254	Folicur 3.6F
L	F	7358	Fore FloXL
D	F	7422	Fore (For Turf & Ornamental)
D	F	7357	Fore WSP
L	H	4291	Formula 40
D	I	1849	Fulex Dithio Insecticidal Smoke
L	I	1850	Fulex Thiodan Insecticidal Smoke
L	F	7019	Funginex (1.6EC)
L	F	7423	Funginex Rose Disease Control
D	F	7372	Fungo 50WP Fungicide
L	F	7479	Fungo Flo
L	I	1054	Furadan 4F
L	H	4060	Fusilade 2000 (1EC)
L	H	4492	Fusilade DX
L	H	4771	Fusilade II
L	I	1724	Fyfanon
L	I	1841	Formula GH-19
D	H	4755	Gallery 75 Dry Flowable
L	F	7281	Gallex
D	F	7136	Galltrol-A
L	H	4592	Garlon 3A
L	H	4827	Garlon 4
L	I	1501	Gavicide Super 90
L	I	1555	Gemstar LC
L	MG	9088	GibGro 4LS
D	MG	9211	GibGro 5% Powder
L	H	4580	Glyphos X-TRA
L	MG	9335	Glyphos X-TRA
L	I	1744	Gnatrol
L	H	4542	Goal 2XL
L	I	1095	Green Devil Spray
L	I	1272	Guthion 3F
D	I	1182	Guthion 50% WP
D	I	1745	Hexygon DF
L	I	1746	Horticultural Oil Insecticide
L	M	9292	Hot Pepper Wax
L	I	1666	Imidan 2.5-EC
D	I	1155	Imidan 50WP
D	I	1371	Imidan 70 WSB (WP)
L	I	1290	Incite C/A
D	F	7240	Indar 75 WSP
D	I	1142	Javelin WG
D	F	7425	Junction
L	I	1222	JMS Stylet-Oil
L	F	7535	JMS Stylet-Oil
D	F	7327	Kaligreen
L	I	1707	Karate Z
D	H	4810	Karmex DF
D	I	1061	Kelthane 35 (WP)
D	I	1448	Kelthane 50 (WP)

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D/L	Class Code	Product Name	D/L	Class Code	Product Name
L	I	1062 Kelthane MF	D	I	1779 Marathon 1%G
D	H	4792 Kerb 50WP Specialty	D	I	1781 Marathon 60WP
D	I	1721 Ketch DF	L	I	1751 Marathon II
L	I	1470 Knack	L	I	1426 Margosan-O
L	I	1504 KnoxOut 2FM	D	I	1752 Merit 60 WSP
L	I	1799 KnoxOut GH	D	I	1690 Merit 75 WP
L	I	1804 KnoxOut NL	D	I	1691 Merit WSP
D	F	7059 Kocide 101 (WP)	D	M	9348 Messenger STS
D	F	7172 Kocide 20/20 (WP)	D	I	1754 Mesurol 75-W
D	F	7262 Kocide 2000	D	I	1753 Mesurol Pro
L	F	7314 Kocide 4.5 LF	D	M	9127 Metaldehyde 3.5G
L	F	7060 Kocide 606 (Liq)	D	M	9128 Metaldehyde 7.5G
D	F	7167 Kocide DF	L	I	1072 Metasystox-R (2EC)
L	F	7221 Kocide LF	L	I	1074 Methoxychlor 2EC
D	F	7168 Kolodust	D	MS	9173 Methyl Bromide (75%)
D	I	1065 Lannate SP	D	MS	9104 Methyl Bromide 57% & Chloropicrin 43%
L	I	1066 Larvin 3.2	D	MS	9162 Methyl Bromide 89.5%
L	I	1067 Larvo-Bt	D	MS	9024 Methyl Bromide 98%
L	F	7374 Lesco Two-Some Flowable	D	MS	9200 Methyl Bromide 98% & Chloropicrin 2%
L	I	1111 Lindane 20%EC	D	MS	9284 Methyl Bromide 99.5%
L	H	4773 Lontrel TO	D	F	7404 Microperse COC 53 WP
D	H	4077 Lorox DF (50%)	D	F	7403 Microperse Wettable Sulfur
D	I	1068 Lorsban 15G	D	I	1393 Microthiol Disperss
L	I	1069 Lorsban 4E	D	F	7449 Microthiol Disperss
D	I	1070 Lorsban 50W	L	H	4491 Mirage (4EC)
L	I	1322 M-Pede	L	I	1082 Mocap EC
D	MS	9338 MBC-33 Soil Fumigant	D	I	1315 Mocap Plus (G)
L	H	4292 MCP Amine 4	L	I	1329 Monitor 4 EC
L	H	4194 MSMA 6 Plus	D	F	7139 Mycoshield
L	I	1232 MVP II Bioinsecticide	D	F	7283 Mycostop Biofungicide
L	F	7310 Magna-Bon Pro-Teck	L	I	1677 Mycotrol Botanigard ES Insecticide
D	I	1261 Malathion 25 WP	L	M	9351 NAC-7
L	I	1725 Malathion 5 EC (56%)	L	I	1756 Naturalis L
L	I	1236 Malathion 5 EC (57%)	L	I	1548 NeemGard
L	I	1228 Malathion 8E	L	I	1551 Neemix 4.5
L	I	1519 Malathion Aquamul (8E)	D	F	7140 Nova 40W
L	I	1379 Malathion Spray 50%	L	F	7300 Nu-Cop 3L
D	H	4714 Manage (75%)	D	F	7309 Nu-Cop 50DF
D	F	7251 Mancozeb 80% WP	D	H	4774 OH 2
D	F	7229 Maneb 75DF	L	I	1278 Oil
D	F	7445 Maneb Lawn & Garden, Hi-yield	D	I	1100 Omite 30WS
L	F	7064 Manex 4EC	L	I	1162 Omite 6E
L	F	7365 Manicure 6 Flowable	D	I	1101 Omite-CR
D	F	7024 Manzate 200 WP			
D	F	7025 Manzate 75DF			
D	F	7328 Manzate 200 DF			

D/L		Class Code	Product Name				
				L	I	1439	Provado 1.6 Flowable
L	F	7142	Orbit (3.6EC)	D	I	1451	Provado Solupak (75WSP)
L	H	4776	Ornamec 170	L	H	4360	Prowl 3.3 EC
L	H	4775	Ornamec	L	I	1210	Pyrellin E.C.
D	H	4842	Ornamental Herbicide III	L	I	1224	Pyrenone Crop Spray
L	I	1805	Ornazin 3% EC	L	I	1766	Pyrigro
D	I	1102	Orthene 75 S	D	F	7477	Pythium Control
D	I	1481	Orthene 75 WSP				
L	I	1833	Orthene Systemic Insect Control	L	F	7291	Quadris
D	I	1757	Orthene T,T&O Spray 97				
L	F	7487	Orthenex Formula III	L	F	7486	R.D. 20
L	I	1848	Ortho Isotox Insect Killer	D	F	7141	Rally 40W
D	H	4464	Oust (75G)	D	MR	9340	Ramik Bars
L	I	1790	Ovation SC	D	MR	9089	Ramik Brown (G)
D	I	1842	Oxamyl 10% Granular	D	H	4788	Regal O
				D	H	4740	Regalkade
D	F	7361	PCNB 10% Granules	L	I	1838	Resmethrin EC 26 Insect Spray
D	M	7037	PCNB 75% Wettable Powder	D	I	1791	PT 1200 TR
L	I	1843	PT 1320 TR	L	H	4790	Reward Landscape & Aquatic
D	I	1117	Parathion 25W	D	F	7029	Ridomil/Bravo 81W
D	H	4834	Pendulum 2G	L	F	7027	Ridomil 2E
L	H	4735	Pendulum 3.3 EC	D	F	7071	Ridomil 5G
D	H	4777	Pendulum WDG	D	F	7308	Ridomil Gold Bravo
D	H	4801	Pennant 5G	L	F	7340	Ridomil Gold Bravo Liquid
L	H	4787	Pennant Liquid	L	F	7286	Ridomil Gold EC
L	H	4778	Pennant Magnum	D	F	7307	Ridomil Gold GR
L	I	1164	Penncap-M	L	H	4830	Triplet Selective Herbicide
L	I	1306	Pentac Aqua-Flow	L	H	4325	Rodeo
D	F	7375	Perk-Up Dusting Sulfur	D	F	7174	Ronilan DF (50%)
L	I	1854	Pestroy 4EC	L	F	7030	Ronilan FL
L	I	1365	Phaser (3EC)	D	H	4765	Ronstar 50 WSP
L	F	7485	Physan 20	D	H	4729	Ronstar 50% WP
L	F	7428	Phyton 27	D	H	4627	Ronstar G
D	I	1760	Pinpoint 15G	D	F	7326	RootShield Drench
L	F	7429	Pipron Liquid Concentrate	L	H	4700	Roundup Custom
D	I	1839	Pirimor 50-DF	L	H	4564	Roundup Export
D	F	7454	PlantShield HC	L	H	4835	Roundup L&G RTU
D	F	7455	Plantvax 75W	L	H	4093	Roundup Original
L	H	4081	Poast (1.5 EC)	L	H	4707	Roundup Pro
D	F	7269	Polyram 80 DF	L	H	4561	Roundup Ultra
D	I	1105	Pounce 1.5G	L	H	4763	Roundup Ultra Max
D	I	1106	Pounce 25WP	D	H	4781	Rout
L	I	1107	Pounce 3.2EC	D	F	7031	Rovral (50WP)
D	H	4825	PrePair	L	F	7032	Rovral 4 Flowable
L	I	1764	Preclude Micro TR	D	MR	9087	Rozol (Pellets)
D	I	1763	Preclude PT 2100 TR	L	F	7431	Rubigan A.S.
D	H	4793	Predict (Field-Grown Nursery Stock)	L	F	7143	Rubigan EC
D	H	4812	Preen				
L	H	4780	Princep Liquid	L	I	1191	Saf-T-Side
D	H	4249	Princep Caliber 90	L	F	7490	Safe-T Green (SM-9)
L	H	4573	Prism	L	I	1190	Safer Insecticidal Soap
D	I	1795	Pro-Mate Revoke	L	H	4265	Salvo
D	I	1797	Proclaim	D	I	1298	Savey 50 WP
D	F	7242	Procure 50WS	D	I	1834	Scimitar Greenhouse Insecticide
D	F	7356	Prodigy 80 DG	D	I	1702	Scimitar WP (Ornamental & Lawns)
L	MG	9339	ProGibb 4%	L	H	4667	Scythe
L	MG	9050	Promalin PGR	L	F	7450	Sectagon 42
D	F	7377	Protect T/O WSB				
D	F	7614	Protect DF				

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D H 4620 Telar DF

D/L	Class	Code	Product Name
L	H	4447	Select 2 EC
L	I	1132	Sevin 4F
D	I	1172	Sevin 50W
D	I	1018	Sevin 80S
D	I	1496	Sevin 80WSP
D	I	1015	Sevin Bait (5%)
L	I	1399	Sevin Brand RP2
L	I	1692	Sevin Brand RP4
L	H	4496	Sim-Trol 4L
L	H	4048	Simazine 4L
D	H	4049	Simazine 80W
D	H	4342	Simazine 90DF
D	M	9278	Slug and Snail Bait Pellets
L	M	9219	Slug-Fest Colloidal 25
D	M	9327	Sluggo
D	M	9333	Slugs-n-Snails
D	H	4783	Snapshot 2.5TG
D	H	4537	Snapshot 80DF
D	H	4099	Solicam DF (80%)
L	I	1543	SpinTor 2SC
D	H	4831	Sprakil SK-26 Granular Weed Killer
L	H	4320	Stinger (3EC)
L	I	1311	Stirrup M (Biocontrol agent)
D	H	4816	Stomp WDG
D	F	7451	Strike 25 WDG
L	F	7456	Subdue 2E
D	F	7347	Subdue 2X WSP
D	F	7345	Subdue GR
L	F	7346	Subdue MAXX
L	I	1529	Success
D	F	7110	Sulfur DF (80%)
D	F	7033	Sulfur Dusting (90%)
D	F	7118	Sulfur Dusting (98%)
L	F	7102	Sulfur Flowable (6F)
D	F	7198	Sulfur Spray 97WP
D	I	7034	Sulfur Wettable Powder (97%)
L	MG	9328	Sumagic
L	I	1680	Sunspray 6E
L	I	1205	Sunspray Ultra-Fine Spray Oil
L	I	1454	SuperNeem 4.5-B
L	I	1277	Superior Oil
D	I	1442	Supracide 25WP
L	I	1292	Supreme Oil Spray
L	H	4102	Surflan AS
D	F	7144	Syllit 65W
D	F	7496	Systec 1998 WDG
D	F	7275	Systhane WSP
D	F	7481	T-22 Planter Box Bio. Fungicide
D	I	1769	Talstar 10 WP Ornamental
L	I	1498	Talstar Flowable
L	I	1770	Talstar Nursery Flowable
L	I	1772	Tame 2.4 EC Spray
L	F	7236	Tattoo C

D/L	Class Code	Product Name	D/L	Class Code	Product Name		
L	MS	9288	Telone C-35	L	I	1782	Triact 70
L	MS	9011	Telone II	L	F	7492	Triact 70
D	I	1124	Temik 15G	L	F	7447	Triathlon
L	I	1540	Tempo 2	D	H	4452	Trifluralin 10G
L	I	1856	Tempo SC Ultra	D	I	1129	Trigard (75W)
L	F	7100	Tenn-Cop 5E	L	F	7261	Trilogy 90EC (Neem Oil 90 %)
D	F	7035	Terraclor 10% Granular	L	H	4828	Trimec 992
D	F	7037	Terraclor 75WP	L	H	4829	Trimec
L	F	7334	Terraclor Flowable	D	F	7439	Truban 30% WP
D	F	7313	Terraclor Super X 18.8G	D	I	1704	Turcam 2.5 G
D	F	7437	Terraguard 50W	D	H	4794	Turf King
D	F	7384	Terraneb SP Turf Fungicide	D	F	7440	Turfcide 10% G
L	F	7177	Terranil 6L	D	F	7441	Turfcide 15G
D	F	7438	Terrazole 35% Wettable Powder	L	F	7442	Turfcide 400
D	F	7038	Thiolux (80DF)	L	I	1687	Valero
D	F	7096	Thiram 75WP	D	F	7390	Vanguard WG
L	I	1811	Thuricide Bt	L	H	4784	Vantage
L	F	7076	Tilt	L	MS	9185	Vapam HL (4.26 lb.)
L	H	4621	Topcide	L	I	1845	Vectobac AS
L	F	7039	Topsin 4.5FL	D	H	4115	Velpar (90SP)
D	F	7040	Topsin M 70W	D	H	4836	Velpar DF
L	H	4662	Touchdown 5	L	H	4317	Velpar L (2EC)
L	H	4629	Treflan HFP	L	I	1130	Vendex 4L
D	MS	9115	Tri-Clor Chloropicrin	D	I	1131	Vendex 50WP
D	F	7467	Tri-con 67/33	D	I	1346	Veratran D
				L	I	1188	Volck Supreme Spray
				D	F	7381	Vorlan DF
				L	H	4295	Weedmaster

D/L	Class Code	Product Name	D/L	Class Code	Product Name		
L	I	1831	X-clude PT 1600A	L	H	4744	Zerotol Algaecide
D	H	4785	XL 2G	D	M	9063	Zinc Phosphide 2% Bait
D	I	1377	Xentari WDG	D	F	7041	Ziram 76 DF
L	I	1289	Zephyr 0.15 EC	D	F	7473	Ziram Granuflo
L	F	7443	Zerotol	D	F	7444	Zyban WP

¹ **NOTE:**
D = Dry formulation
L = Liquid formulation
I = Insecticides (1000s)
H = Herbicides (4000s)
F = Fungicides (7000s)
M = Miscellaneous (9000s)
MD = Defoliant/Dessicant (9000s)
MG = Growth Regulator (9000s)
MR = Rodenticide (9000s)
MS = Soil Fumigant (9000s)

Suffixes of Pesticide Formulations and Abbreviations

AF = Aqueous Flowable	SL = Slurry
AS = Aqueous Suspension	ULV = Ultra-Low Volume Concentrate
D = Dust	W or WP = Wettable Powder
DF = Dry Flowable, also Water-Dispersable Granules	WDG = Water-Dispersable Granules also Dry Flowable
EC or E = Emulsifiable Concentrate	
F or FL = Flowable	GR = Growth Regulator
G = Granular	
L = Liquid	GH = Greenhouse
OL = Oil-Soluble	GN = Greenhouse and Nursery
P or PS = Pelleted	NL = Nursery and Landscape
S = Solution	TNO = Turf, Nursery and Ornamental
SP = Soluble Powder	TR = Total Release
SG = Sand Granules	TO = Turf and Ornamental

Conversion Rates for Liquid and Dry Products, and Area

Liquid Products	1 Pint = 2 Cups
1 Gallon = 4 Quarts	1 Cup = 8 Fluid Ounces
1 Quart = 2 Pints	1 Liter = 1,000 Milliliters

Dry Products

- 1 Pound = 16 Dry Ounces
- 1 Ounce = 28.3 Grams
- 1 Pound = 452.8 Grams
- 1 Kilogram = 1,000 Grams
- 1 Gram = 0.035 Ounces

Area Information

- 1 Acre = 43,560 square feet
- 1,000 square feet = 0.023 acre
- 2 inch pot = 0.03 square feet
- 4 inch pot = 0.11 square feet
- 6 inch pot = 0.25 square feet
- 8 inch pot = 0.44 square feet
- 10 inch pot = 0.69 square feet
- 12 inch pot = 1.00 square feet
- 16 inch pot = 1.78 square feet
- 24 inch pot = 4.00 square feet
- 30 inch pot = 6.25 square feet
- 11" X 22" flat = 1.68 square feet

CODES for CHEMICAL APPLICATIONS TABLE

Column 4

NURSERY	FLORICULTURE
1 Transplants for commercial vegetable and strawberry production	13 Cut flowers
2 Propagative nursery material or lining-out stock	14 Flowering plants (potted)
3 Broadleaf evergreens	15 Bedding plants (flats, potted, hanging)
4 Coniferous evergreens	16 Foliage plants (potted or hanging)
5 Deciduous shade trees	17 Propagative floriculture material
6 Deciduous flowering trees	18 Cut cultivated greens
7 Deciduous shrubs	19 Herbaceous perennials
8 Fruit and nut plants	20 Non-production area
9 Christmas trees	
10 Palms	
11 Ornamental Grasses	
12 Other Woody ornamentals and vines	
20 Non-production area	

Column 5

1 Greenhouse (<i>Enclosed</i>)
2 Shade Structure (<i>Frames, slat, saran, cloth, screen, nonenclosed greenhouse, etc.</i>)
3 Natural Shade Area (<i>Palm, citrus, etc.</i>)
4 In The Open Production Area
5 Perimeter (<i>non-production areas</i>)

Column 9

1 Pounds	20 Teaspoons	41 Liters
12 Gallons	21 Tablespoons	42 Milliliter
13 Quarts	28 Dry Ounces	50 Other, bags, WSP, etc.
14 Pints	30 Grams	(<i>Specify unit & weight</i>
15 Liquid Ounces	40 Kilograms	_____)

Column 11

1 Hand held back pack sprayer	9 Drench
2 Hand held wand/gun/boom from power hydraulic sprayers	10 Stationary fogger, aerosols, misters, electrostatic sprayers, smokers
3 Hand held granular shakers	11 Tractor powered boom sprayer
4 Hand held granular rotary applicator (<i>whirly bird, belly grinder</i>)	12 Tractor powered air blast or mister
5 Hand held foggers	13 Aerial application
6 Dusting	14 Chemigation
7 Overhead rail sprayers (<i>track sprayers</i>)	15 Machine injection, banded, broadcast, knifed in
8 Root ball/container/cutting/flower dip	16 Other

Column 12

1 Licensed operator/employee pesticide applicator
2 Unlicensed operator/employee under the direction of licensed applicator
3 Hired custom applicator (<i>Not an employee of operation</i>)
4 Other

**Pest Management
Practices
item 2h**

- 1 PREVENTIVE SCHEDULE
- 2 SCOUTING DATA COMPARED TO UNIVERSITY OR
EXTENSION INFESTATION GUIDELINES
- 3 SCOUTING DATA AND YOUR ESTABLISHED THRESHOLDS
- 4 OTHER

**Pest Management
Practices
item 3a**

- 1 CHEMICAL DEALER
- 2 CHEMICAL MANUFACTURER
- 3 OTHER

**Pest Management
Practices
item 3b**

- 1 FARM SUPPLY DEALER / CHEMICAL DEALER
- 2 UNIVERSITY / EXTENSION PERSONNEL / MATERIAL
- 3 COMMERCIAL SCOUTING SERVICE/
CROP CONSULTANT / PEST CONTROL ADVISOR
- 4 OTHER GROWERS / PRODUCERS
- 5 PRODUCER ASSOCIATION / NEWSLETTER /
TRADE MAGAZINE
- 6 EMPLOYEE PEST ADVISOR
- 7 CUSTOM APPLICATOR
- 8 OTHER

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