

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; Microencapsulated, 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/L	Class	Code	Product Name
D	F	7006	Botran 75W	L	H	4181	Cyclone
L	F	7007	Bravo 500 (4.17EC)	L	MD	9031	Cyclone
D	F	7009	Bravo 90DG	L	H	4654	Cyclone Concentrate
D	F	7241	Bravo Ultrex (82.5 WDG)	L	MG	9190	Cycocel Plant Growth Regulant
L	F	7008	Bravo Weather Stik (6EC)	D	F	7453	Cygnus
D	I	1367	Britz Bt Dust	L	MG	9081	Cytokin Bioregulator Concentrate
L	H	4024	Buctril (2EC)				
L	MG	9032	Burst Yield Booster	L	I	1362	D-264 EC500
				D	I	1043	D-z-n Diazinon 14G
D	F	7290	C-O-C-S WDG	D	I	1044	D-z-n Diazinon 50W
L	F	7411	Camelot	L	I	1045	D-z-n Diazinon AG500 (4E)
D	F	7088	Captan 50W	L	F	7180	Daconil 2787
D	F	7089	Captan 80-WP	D	F	7352	Daconil Ultrex Turf Care
L	F	7090	Captec 4L	L	F	7353	Daconil Weather Stik
L	I	1140	Capture 2EC	L	F	7351	Daconil Zn
L	I	1011	Carbaryl 4L	L	H	4805	Dacthal Flowable
D	I	1012	Carbaryl 50W	L	I	1522	Damoil Dormant Oil Spray
D	I	1181	Carzol SP	L	I	1307	Danitol 2.4 EC Spray
D	H	4032	Casoron 4G	D	M	9154	Deadline Bullets
L	F	7244	Champ Formula 2	D	M	9337	Deadline M-Ps
D	F	7224	Champ Formula II DF WSP	D	I	1733	Decathlon 20 WP
D	F	7051	Champion WP	L	I	1557	Declare
D	M	9124	Checkmate OFM	D	F	7415	Decree 50 WDG
L	F	7270	Chipco 26019 Flo	D	F	7472	Defend 10G
D	F	7271	Chipco 26019 WDG	D	F	7416	Defend 75 WP
D	H	4718	Chipco Ronstar G	L	I	1830	Delete 3% Multipurpose Spray
D	MS	9199	Chloropicrin 100	L	I	1840	Deltagard GC
L	F	7297	Chlorothalonil 4L	L	I	1775	Denim
L	I	1482	Chlorpyrifos 4E AG	L	I	1717	Detur
L	I	1730	Cinnamite	D	H	4036	Devrinol 10-G
L	F	7412	Cinnamite	D	H	4588	Devrinol 5-G
D	I	1731	Citation	D	H	4343	Devrinol 50-DF
L	I	1810	Citrus Soluble Oil	D	I	1033	Di-Syston 15% G
D	H	4167	Classic	D	I	1835	Di-Syston 2% G
D	F	7369	Cleary S 3336 Turf Fungicide	D	I	1411	Diatect Multipurpose Insecticide
L	F	7470	Clorox Bleach (5.25%)	D	I	1047	Diazinon 14G
D	I	1807	Closure 76WP	L	I	1398	Diazinon 25% Spray (2EC)
D	I	1670	Condor WP	L	I	1041	Diazinon 4E
L	I	1441	Confirm 2F	D	I	1361	Diazinon 5 Granules
L	H	4711	Confront	D	I	1050	Diazinon 50W
L	M	9308	Consan Triple Action 20	L	I	1046	Diazinon AG500 (4E)
L	I	1699	Conserve SC (Turf & Ornamental)	L	I	1022	Dibrom 8 Emulsive
D	F	7363	Consyst WDG	L	I	1320	Dicofol 4 E
D	F	7461	Contrast 70WSP	L	I	1718	Digon 400
L	F	7471	Copper Fungicide 4E	L	I	1212	Dimate 4E
L	F	7092	Copper-Count-N	L	H	4706	Dimension
D	M	9187	Corry's Slug Bait (2% metaldehyde)	L	I	1028	Dimethoate 2.67EC
L	H	4363	Crossbow	D	I	1230	Dimethoate 25WP
D	I	1477	Crymax WDG	L	I	1267	Dimethoate 400
D	I	1281	Cryolite 96 Dust	L	I	1029	Dimethoate 4EC
D	I	1732	Cryolite Bait	D	I	1145	Dimilin 25W
D	F	7414	Curalan EG	L	I	1352	Dimilin 4L (For Forests)
D	I	1318	Cutlass WP	L	I	1796	Dimilin 4L (For Ornamentals)
D	MG	9361	Cutless 50 W				

D/L	Class	Code	Product Name	D/L	Class	Code	Product Name
D	I	1023	Dipel 2X (WP)	D	F	7462	FirstStep
L	I	1024	Dipel 4L	D	F	7401	Flint
D	I	1516	Dipel DF	D	I	1741	Floramite
L	I	1025	Dipel ES	L	MG	9140	Florel Plant Growth Regulator
L	H	4313	Diquat	D	F	7402	Flouronil
D	H	4040	Direx 80DF	L	F	7254	Folicur 3.6F
L	I	1734	Distance	L	F	7358	Fore FloXL
L	F	7015	Dithane F-45 Flowable	D	F	7422	Fore (For Turf & Ornamental)
D	F	7016	Dithane M-45	D	F	7357	Fore WSP
L	F	7318	Dithane M-45 Flowable M	L	H	4291	Formula 40
D	F	7417	Dithane 75DF Rainshield	D	I	1849	Fulex Dithio Insecticidal Smoke
L	F	7418	Dithane WF (Turf & Ornamental)	L	I	1850	Fulex Thiodan Insecticidal Smoke
D	F	7317	Dithane WSP	L	F	7019	Funginex (1.6EC)
L	H	4045	Diuron 4L	L	F	7423	Funginex Rose Disease Control
D	H	4605	Diuron 80DF	D	F	7372	Fungo 50WP Fungicide
D	H	4046	Diuron 80W	L	F	7479	Fungo Flo
D	F	7134	Dodine 65W	L	I	1054	Furadan 4F
D	H	4807	Domain DF	L	H	4060	Fusilade 2000 (1EC)
L	H	4660	Dual II Magnum	L	H	4492	Fusilade DX
D	F	7419	Duosan WSB	L	H	4771	Fusilade II
L	I	1735	DuraGuard ME	L	I	1724	Fyfanon
L	I	1736	Duraplex TR	L	I	1841	Formula GH-19
L	I	1291	Dursban 1E	D	H	4755	Gallery 75 Dry Flowable
D	I	1527	Dursban 1% Granules	L	F	7281	Gallex
D	I	1793	Dursban 2.5G	D	F	7136	Galltrol-A
L	I	1693	Dursban 2E	L	H	4592	Garlon 3A
L	I	1537	Dursban 4E	L	H	4827	Garlon 4
D	I	1510	Dursban 50W (For Turf)	L	I	1501	Gavicide Super 90
D	I	1816	Dursban 50W Nursery	L	I	1555	Gemstar LC
D	I	2023	Dursban 50W in WSP (For T & O)	L	MG	9088	GibGro 4LS
L	I	1688	Dursban Pro	D	MG	9211	GibGro 5% Powder
D	I	1737	Dycarb 76 WP	L	H	4580	Glyphos X-TRA
D	I	1535	Dylox 6.2	L	MG	9335	Glyphos X-TRA
L	F	7420	Echo 500 Turf & Ornamental	L	I	1744	Gnatrol
L	F	7226	Echo 720	L	H	4542	Goal 2XL
D	F	7421	Echo 75 WDG Turf & Ornamental	L	I	1095	Green Devil Spray
D	F	7332	Echo 90DF	L	I	1272	Guthion 3F
L	F	7330	Echo Lite	D	I	1182	Guthion 50% WP
L	I	1719	Ecozin 3% EC	D	I	1745	Hexygon DF
D	F	7337	Elevate 50 WDG	L	I	1746	Horticultural Oil Insecticide
D	F	7287	Elite 45 DF	L	M	9292	Hot Pepper Wax
D	I	1738	Endeavor	L	I	1666	Imidan 2.5-EC
L	I	1199	Endosulfan 3EC	D	I	1155	Imidan 50WP
D	I	1231	Endosulfan 50W	D	I	1371	Imidan 70 WSB (WP)
L	I	1330	Enstar 5E	L	I	1290	Incite C/A
L	I	1739	Enstar II	D	F	7240	Indar 75 WSP
L	H	4769	Envoy	D	I	1142	Javelin WG
L	H	4053	Eptam 7-E	D	F	7425	Junction
L	MG	9004	Ethrel Plant Regulator (2EC)	L	I	1222	JMS Stylet-Oil
D	H	4056	Evital 5G	L	F	7535	JMS Stylet-Oil
L	H	4509	Expedite	D	F	7327	Kaligreen
D	I	1740	Extinguish	L	I	1707	Karate Z
D	H	4760	Facet GR	D	H	4810	Karmex DF
D	H	4770	Factor	D	I	1061	Kelthane 35 (WP)
D	F	7474	Ferbam Granuflo	D	I	1448	Kelthane 50 (WP)
L	H	4615	Finale				
D	I	1785	Fireban				

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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	Mesurool 75-W
D	F	7262	Kocide 2000	D	I	1753	Mesurool 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	MS	9104	Methyl Bromide 57% & Chloropicrin 43%
D	I	1065	Lannate SP	D	MS	9162	Methyl Bromide 89.5%
L	I	1066	Larvin 3.2	D	MS	9024	Methyl Bromide 98%
L	I	1067	Larvo-Bt	D	MS	9200	Methyl Bromide 98% & Chloropicrin 2%
L	F	7374	Lesco Two-Some Flowable	D	MS	9284	Methyl Bromide 99.5%
L	I	1111	Lindane 20%EC	D	F	7404	Microperse COC 53 WP
L	H	4773	Lontrel TO	D	F	7403	Microperse Wettable Sulfur
D	H	4077	Lorox DF (50%)	D	I	1393	Microthiol Disperss
D	I	1068	Lorsban 15G	D	F	7449	Microthiol Disperss
L	I	1069	Lorsban 4E	L	H	4491	Mirage (4EC)
D	I	1070	Lorsban 50W	L	I	1082	Mocap EC
L	I	1322	M-Pede	D	I	1315	Mocap Plus (G)
D	MS	9338	MBC-33 Soil Fumigant	L	I	1329	Monitor 4 EC
L	H	4292	MCP Amine 4	D	F	7139	Mycoshield
L	H	4194	MSMA 6 Plus	D	F	7283	Mycostop Biofungicide
L	I	1232	MVP II Bioinsecticide	L	I	1677	Mycotrol BotaniGard ES Insecticide
L	F	7310	Magna-Bon Pro-Teck				
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	F	7229	Maneb 75DF	D	H	4774	OH 2
D	F	7445	Maneb Lawn & Garden, Hi-yield	L	I	1278	Oil
L	F	7064	Manex 4EC	D	I	1100	Omite 30WS
L	F	7365	Manicure 6 Flowable	L	I	1162	Omite 6E
D	F	7024	Manzate 200 WP	D	I	1101	Omite-CR
D	F	7025	Manzate 75DF				
D	F	7328	Manzate 200 DF				

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

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L	H	4447	Select 2 EC	L	MS	9288	Telone C-35
L	I	1132	Sevin 4F	L	MS	9011	Telone II
D	I	1172	Sevin 50W	D	I	1124	Temik 15G
D	I	1018	Sevin 80S	L	I	1540	Tempo 2
D	I	1496	Sevin 80WSP	L	I	1856	Tempo SC Ultra
D	I	1015	Sevin Bait (5%)	L	F	7100	Tenn-Cop 5E
L	I	1399	Sevin Brand RP2	D	F	7035	Terraclor 10% Granular
L	I	1692	Sevin Brand RP4	D	F	7037	Terraclor 75WP
L	H	4496	Sim-Trol 4L	L	F	7334	Terraclor Flowable
L	H	4048	Simazine 4L	D	F	7313	Terraclor Super X 18.8G
D	H	4049	Simazine 80W	D	F	7437	Terraguard 50W
D	H	4342	Simazine 90DF	D	F	7384	Terraneb SP Turf Fungicide
D	M	9278	Slug and Snail Bait Pellets	L	F	7177	Terranil 6L
L	M	9219	Slug-Fest Colloidal 25	D	F	7438	Terrazole 35% Wettable Powder
D	M	9327	Sluggo	D	F	7038	Thiolux (80DF)
D	M	9333	Slugs-n-Snails	D	F	7096	Thiram 75WP
D	H	4783	Snapshot 2.5TG	L	I	1811	Thuricide Bt
D	H	4537	Snapshot 80DF	L	F	7076	Tilt
D	H	4099	Solicam DF (80%)	L	H	4621	Topcide
L	I	1543	SpinTor 2SC	L	F	7039	Topsin 4.5FL
D	H	4831	Sprakil SK-26 Granular Weed Killer	D	F	7040	Topsin M 70W
L	H	4320	Stinger (3EC)	L	H	4662	Touchdown 5
L	I	1311	Stirrup M (Biocontrol agent)	L	H	4629	Treflan HFP
D	H	4816	Stomp WDG	D	MS	9115	Tri-Chlor Chloropicrin
D	F	7451	Strike 25 WDG	D	F	7467	Tri-con 67/33
L	F	7456	Subdue 2E	L	I	1782	Triact 70
D	F	7347	Subdue 2X WSP	L	F	7492	Triact 70
D	F	7345	Subdue GR	L	F	7447	Triathlon
L	F	7346	Subdue MAXX	D	H	4452	Trifluralin 10G
L	I	1529	Success	D	I	1129	Trigard (75W)
D	F	7110	Sulfur DF (80%)	L	F	7261	Trilogy 90EC (Neem Oil 90 %)
D	F	7033	Sulfur Dusting (90%)	L	H	4828	Trimec 992
D	F	7118	Sulfur Dusting (98%)	L	H	4829	Trimec
L	F	7102	Sulfur Flowable (6F)	D	F	7439	Truban 30% WP
D	F	7198	Sulfur Spray 97WP	D	I	1704	Turcam 2.5 G
D	I	7034	Sulfur Wettable Powder (97%)	D	H	4794	Turf King
L	MG	9328	Sumagic	D	F	7440	Turfcide 10% G
L	I	1680	Sunspray 6E	D	F	7441	Turfcide 15G
L	I	1205	Sunspray Ultra-Fine Spray Oil	L	F	7442	Turfcide 400
L	I	1454	SuperNeem 4.5-B	L	I	1687	Valero
L	I	1277	Superior Oil	D	F	7390	Vanguard WG
D	I	1442	Supracide 25WP	L	H	4784	Vantage
L	I	1292	Supreme Oil Spray	L	MS	9185	Vapam HL (4.26 lb.)
L	H	4102	Surflan AS	L	I	1845	Vectobac AS
D	F	7144	Syllit 65W	D	H	4115	Velpar (90SP)
D	F	7496	Systec 1998 WDG	D	H	4836	Velpar DF
D	F	7275	Sythane WSP	L	H	4317	Velpar L (2EC)
				L	I	1130	Vendex 4L
D	F	7481	T-22 Planter Box Bio. Fungicide	D	I	1131	Vendex 50WP
D	I	1769	Talstar 10 WP Ornamental	D	I	1346	Veratran D
L	I	1498	Talstar Flowable	L	I	1188	Volck Supreme Spray
L	I	1770	Talstar Nursery Flowable	D	F	7381	Vorlan DF
L	I	1772	Tame 2.4 EC Spray				
L	F	7236	Tattoo C	L	H	4295	Weedmaster
D	H	4620	Telar DF				

D/L	Class	Code	Product Name
L	I	1831	X-clude PT 1600A
D	H	4785	XL 2G
D	I	1377	Xentari WDG
L	I	1289	Zephyr 0.15 EC
L	F	7443	Zerotol

D/L	Class	Code	Product Name
L	H	4744	Zerotol Algaecide
D	M	9063	Zinc Phosphide 2% Bait
D	F	7041	Ziram 76 DF
D	F	7473	Ziram Granuflo
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
AS = Aqueous Suspension
D = Dust
DF = Dry Flowable, also Water-Dispersable Granules
EC or E = Emulsifiable Concentrate
F or FL = Flowable
G = Granular
L = Liquid
OL = Oil-Soluble
P or PS = Pelleted
S = Solution
SP = Soluble Powder
SG = Sand Granules

SL = Slurry
ULV = Ultra-Low Volume Concentrate
W or WP = Wettable Powder
WDG = Water-Dispersable Granules also Dry Flowable

GR = Growth Regulator

GH = Greenhouse
GN = Greenhouse and Nursery
NL = Nursery and Landscape
TNO = Turf, Nursery and Ornamental
TR = Total Release
TO = Turf and Ornamental

Conversion Rates for Liquid and Dry Products, and Area

Liquid Products

1 Gallon = 4 Quarts
1 Quart = 2 Pints
1 Pint = 2 Cups
1 Cup = 8 Fluid Ounces
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 (*Enclosed*)
- 2 Shade Structure (*Frames, slat, saran, cloth, screen, nonenclosed greenhouse, etc.*)
- 3 Natural Shade Area (*Palm, citrus, etc.*)
- 4 In The Open Production Area
- 5 Perimeter (*non-production areas*)

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 | (Specify unit & weight
_____) |
| 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 (*Not an employee of operation*)
- 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