**NATIONAL AGRICULTURAL STATISTICS SERVICE**

**JANUARY 20XX**

**NURSERY AND FLORICULTURE**

**CHEMICAL USE SURVEY**

**RESPONDENT BOOKLET**

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**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**

L I 1765 PT 1100 Pyrethrum TR

L H 4759 2,4‑D Amine 4CA

L H 4283 2,4‑D L.V. 4 Ester

L H 4377 2,4‑D Amine 4

L F 7407 3336 F

D F 7408 3336 G

D F 7360 3336 WP

L MG 9324 A‑Rest Solution

D F 7293 AQ 10 Biofungicide

L H 4461 Accord

D I 1483 Acephate 75 WSP

D I 1716 Address 75 WSP

D I 1726 Adept

L I 1427 Admire 2 Flowable

D I 1355 Agree WG

L I 1193 Agri Mek 0.15EC

D F 7195 Agri‑Mycin 17

D F 7223 Aliette WDG

L I 1486 Align XL (EC)

L I 1002 Ambush

D I 1001 Ambush 25W

D I 1554 Amdro Granular

L I 1133 Ammo 2.5EC

L I 1264 Apollo SC

D I 1471 Applaud 70WP

D F 7400 Armicarb 100

L I 1003 Asana (1.9EC)

L I 1004 Asana XL (.66EC)

L I 1778 Astro 3.2EC

L H 4041 Atrazine 4L

D H 4044 Atrazine 90DF

L MG 9347 Atrimmec Plant Growth Regulator

D I 1727 Attain Total Release

D M 9314 Auxigro

**D/L Class Code Product Name**

L I 1326 Avid 0.15 EC

D I 1728 Award

L I 1729 Azatin XL

L I 1545 Azatin‑EC Biological Insecticide

D MG 9192 B‑Nine SP

D MG 9345 B‑Nine WSG

L H 4786 Backdraft

L F 7611 Banner GL

L F 7163 Banner Pro

L F 7349 Banner MAXX

L F 7350 Banol

D F 7409 Banrot 40 WP

D F 7469 Banrot 8G

L MG 9359 BAP 10

D H 4837 Bare Spot Monobor‑Chlorate

L H 4808 Barrage

D H 4710 Barricade 65WG

D H 4768 Barrier Ornamental Landscaping

L H 4796 Basagran T/O

D MS 9176 Basamid Granular

D F 7196 Basicop

L F 7493 Bayleton 009 EC T&O Fungicide

D F 7410 Bayleton 25

D F 7002 Bayleton 50 WSP

D F 7046 Bayleton 50% DF

L I 1246 Baythroid 2

D F 7004 Benlate 50 DF

D F 7212 Benlate SP

D F 7367 Benomyl WP

D I 1812 Biobit HP WP

L I 1855 Black Leaf 40

D F 7217 Blue Shield WP

L MG 9202 Bonzi Ornamental Growth Regulator

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% metaldahyde)

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 H 4181 Cyclone

L MD 9031 Cyclone

L H 4654 Cyclone Concentrate

L MG 9190 Cycocel Plant Growth Regulant

D F 7453 Cygnus

L MG 9081 Cytokin Bioregulator Concentrate

L I 1362 D‑264 EC500

D I 1043 D‑z‑n Diazinon 14G

D I 1044 D‑z‑n Diazinon 50W

L I 1045 D‑z‑n Diazinon AG500 (4E)

L F 7180 Daconil 2787

D F 7352 Daconil Ultrex Turf Care

L F 7353 Daconil Weather Stik

L F 7351 Daconil Zn

L H 4805 Dacthal Flowable

L I 1522 Damoil Dormant Oil Spray

L I 1307 Danitol 2.4 EC Spray

D M 9154 Deadline Bullets

D M 9337 Deadline M‑Ps

D I 1733 Decathlon 20 WP

L I 1557 Declare

D F 7415 Decree 50 WDG

D F 7472 Defend 10G

D F 7416 Defend 75 WP

L I 1830 Delete 3% Multipurpose Spray

L I 1840 Deltagard GC

L I 1775 Denim

L I 1717 Detur

D H 4036 Devrinol 10‑G

D H 4588 Devrinol 5‑G

D H 4343 Devrinol 50‑DF

D I 1033 Di‑Syston 15% G

D I 1835 Di‑Syston 2% G

D I 1411 Diatect Multipurpose Insecticide

D I 1047 Diazinon 14G

L I 1398 Diazinon 25% Spray (2EC)

L I 1041 Diazinon 4E

D I 1361 Diazinon 5 Granules

D I 1050 Diazinon 50W

L I 1046 Diazinon AG500 (4E)

L I 1022 Dibrom 8 Emulsive

L I 1320 Dicofol 4 E

L I 1718 Digon 400

L I 1212 Dimate 4E

L H 4706 Dimension

L I 1028 Dimethoate 2.67EC

D I 1230 Dimethoate 25WP

L I 1267 Dimethoate 400

L I 1029 Dimethoate 4EC

D I 1145 Dimilin 25W

L I 1352 Dimilin 4L (For Forests)

L I 1796 Dimilin 4L (For Ornamentals)

**D/L Class Code Product Name**

D I 1023 Dipel 2X (WP)

L I 1024 Dipel 4L

D I 1516 Dipel DF

L I 1025 Dipel ES

L H 4313 Diquat

D H 4040 Direx 80DF

L I 1734 Distance

L F 7015 Dithane F‑45 Flowable

D F 7016 Dithane M‑45

L F 7318 Dithane M‑45 Flowable M

D F 7417 Dithane 75DF Rainshield

L F 7418 Dithane WF (Turf & Ornamental)

D F 7317 Dithane WSP

L H 4045 Diuron 4L

D H 4605 Diuron 80DF

D H 4046 Diuron 80W

D F 7134 Dodine 65W

D H 4807 Domain DF

L H 4660 Dual II Magnum

D F 7419 Duosan WSB

L I 1735 DuraGuard ME

L I 1736 Duraplex TR

L I 1291 Dursban 1E

D I 1527 Dursban 1% Granules

D I 1793 Dursban 2.5G

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)

L I 1688 Dursban Pro

D I 1737 Dycarb 76 WP

D I 1535 Dylox 6.2

L F 7420 Echo 500 Turf & Ornamental

L F 7226 Echo 720

D F 7421 Echo 75 WDG Turf & Ornamental

D F 7332 Echo 90DF

L F 7330 Echo Lite

L I 1719 Ecozin 3% EC

D F 7337 Elevate 50 WDG

D F 7287 Elite 45 DF

D I 1738 Endeavor

L I 1199 Endosulfan 3EC

D I 1231 Endosulfan 50W

L I 1330 Enstar 5E

L I 1739 Enstar II

L H 4769 Envoy

L H 4053 Eptam 7‑E

L MG 9004 Ethrel Plant Regulator (2EC)

D H 4056 Evital 5G

L H 4509 Expedite

D I 1740 Extinguish

D H 4760 Facet GR

D H 4770 Factor

D F 7474 Ferbam Granuflo

L H 4615 Finale

D I 1785 Fireban

**D/L Class Code Product Name**

D F 7462 FirstStep

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 Glyfos X‑TRA

L MG 9335 Glyfos 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**

L I 1062 Kelthane MF

D H 4792 Kerb 50WP Specialty

D I 1721 Ketch DF

L I 1470 Knack

L I 1504 KnoxOut 2FM

L I 1799 KnoxOut GH

L I 1804 KnoxOut NL

D F 7059 Kocide 101 (WP)

D F 7172 Kocide 20/20 (WP)

D F 7262 Kocide 2000

L F 7314 Kocide 4.5 LF

L F 7060 Kocide 606 (Liq)

D F 7167 Kocide DF

L F 7221 Kocide LF

D F 7168 Kolodust

D I 1065 Lannate SP

L I 1066 Larvin 3.2

L I 1067 Larvo‑Bt

L F 7374 Lesco Two‑Some Flowable

L I 1111 Lindane 20%EC

L H 4773 Lontrel TO

D H 4077 Lorox DF (50%)

D I 1068 Lorsban 15G

L I 1069 Lorsban 4E

D I 1070 Lorsban 50W

L I 1322 M‑Pede

D MS 9338 MBC‑33 Soil Fumigant

L H 4292 MCP Amine 4

L H 4194 MSMA 6 Plus

L I 1232 MVP II Bioinsecticide

L F 7310 Magna‑Bon Pro‑Teck

D I 1261 Malathion 25 WP

L I 1725 Malathion 5 EC (56%)

L I 1236 Malathion 5 EC (57%)

L I 1228 Malathion 8E

L I 1519 Malathion Aquamul (8E)

L I 1379 Malathion Spray 50%

D H 4714 Manage (75%)

D F 7251 Mancozeb 80% WP

D F 7229 Maneb 75DF

D F 7445 Maneb Lawn & Garden, Hi‑yield

L F 7064 Manex 4EC

L F 7365 Manicure 6 Flowable

D F 7024 Manzate 200 WP

D F 7025 Manzate 75DF

D F 7328 Manzate 200 DF

**D/L Class Code Product Name**

D I 1779 Marathon 1%G

D I 1781 Marathon 60WP

L I 1751 Marathon II

L I 1426 Margosan‑O

D I 1752 Merit 60 WSP

D I 1690 Merit 75 WP

D I 1691 Merit WSP

D M 9348 Messenger STS

D I 1754 Mesurol 75‑W

D I 1753 Mesurol Pro

D M 9127 Metaldehyde 3.5G

D M 9128 Metaldehyde 7.5G

L I 1072 Metasystox‑R (2EC)

L I 1074 Methoxychlor 2EC

D MS 9173 Methyl Bromide (75%)

D MS 9104 Methyl Bromide 57% &

Chloropicrin 43%

D MS 9162 Methyl Bromide 89.5%

D MS 9024 Methyl Bromide 98%

D MS 9200 Methyl Bromide 98% &

Chloropicrin 2%

D MS 9284 Methyl Bromide 99.5%

D F 7404 Microsperse COC 53 WP

D F 7403 Microsperse Wettable Sulfur

D I 1393 Microthiol Disperss

D F 7449 Microthiol Disperss

L H 4491 Mirage (4EC)

L I 1082 Mocap EC

D I 1315 Mocap Plus (G)

L I 1329 Monitor 4 EC

D F 7139 Mycoshield

D F 7283 Mycostop Biofungicide

L I 1677 Mycotrol Botanigard ES Insecticide

L M 9351 NAC‑7

L I 1756 Naturalis L

L I 1548 NeemGard

L I 1551 Neemix 4.5

D F 7140 Nova 40W

L F 7300 Nu‑Cop 3L

D F 7309 Nu‑Cop 50DF

D H 4774 OH 2

L I 1278 Oil

D I 1100 Omite 30WS

L I 1162 Omite 6E

D I 1101 Omite‑CR

**D/L Class Code Product Name**

L F 7142 Orbit (3.6EC)

L H 4776 Ornamec 170

L H 4775 Ornamec

D H 4842 Ornamental Herbicide III

L I 1805 Ornazin 3% EC

D I 1102 Orthene 75 S

D I 1481 Orthene 75 WSP

L I 1833 Orthene Systemic Insect Control

D I 1757 Orthene T,T&O Spray 97

L F 7487 Orthenex Formula III

L I 1848 Ortho Isotox Insect Killer

D H 4464 Oust (75G)

L I 1790 Ovation SC

D I 1842 Oxamyl 10% Granular

D F 7361 PCNB 10% Granules

D M 7037 PCNB 75% Wettable Powder

L I 1843 PT 1320 TR

D I 1117 Parathion 25W

D H 4834 Pendulum 2G

L H 4735 Pendulum 3.3 EC

D H 4777 Pendulum WDG

D H 4801 Pennant 5G

L H 4787 Pennant Liquid

L H 4778 Pennant Magnum

L I 1164 Penncap‑M

L I 1306 Pentac Aqua‑Flow

D F 7375 Perk‑Up Dusting Sulfur

L I 1854 Pestroy 4EC

L I 1365 Phaser (3EC)

L F 7485 Physan 20

L F 7428 Phyton 27

D I 1760 Pinpoint 15G

L F 7429 Pipron Liquid Concentrate

D I 1839 Pirimor 50‑DF

D F 7454 PlantShield HC

D F 7455 Plantvax 75W

L H 4081 Poast (1.5 EC)

D F 7269 Polyram 80 DF

D I 1105 Pounce 1.5G

D I 1106 Pounce 25WP

L I 1107 Pounce 3.2EC

D H 4825 PrePair

L I 1764 Preclude Micro TR

D I 1763 Preclude PT 2100 TR

D H 4793 Predict (Field-Grown Nursery Stock)

D H 4812 Preen

L H 4780 Princep Liquid

D H 4249 Princep Caliber 90

L H 4573 Prism

D I 1795 Pro‑Mate Revoke

D I 1797 Proclaim

D F 7242 Procure 50WS

D F 7356 Prodigy 80 DG

L MG 9339 ProGibb 4%

L MG 9050 Promalin PGR

D F 7377 Protect T/O WSB

D F 7614 Protect DF

**D/L Class Code Product Name**

L I 1439 Provado 1.6 Flowable

D I 1451 Provado Solupak (75WSP)

L H 4360 Prowl 3.3 EC

L I 1210 Pyrellin E.C.

L I 1224 Pyrenone Crop Spray

L I 1766 Pyrigro

D F 7477 Pythium Control

L F 7291 Quadris

L F 7486 R.D. 20

D F 7141 Rally 40W

D MR 9340 Ramik Bars

D MR 9089 Ramik Brown (G)

D H 4788 Regal O

D H 4740 Regalkade

L I 1838 Resmethrin EC 26 Insect Spray

D I 1791 PT 1200 TR

L H 4790 Reward Landscape & Aquatic

D F 7029 Ridomil/Bravo 81W

L F 7027 Ridomil 2E

D F 7071 Ridomil 5G

D F 7308 Ridomil Gold Bravo

L F 7340 Ridomil Gold Bravo Liquid

L F 7286 Ridomil Gold EC

D F 7307 Ridomil Gold GR

L H 4830 Triplet Selective Herbicide

L H 4325 Rodeo

D F 7174 Ronilan DF (50%)

L F 7030 Ronilan FL

D H 4765 Ronstar 50 WSP

D H 4729 Ronstar 50% WP

D H 4627 Ronstar G

D F 7326 RootShield Drench

L H 4700 Roundup Custom

L H 4564 Roundup Export

L H 4835 Roundup L&G RTU

L H 4093 Roundup Original

L H 4707 Roundup Pro

L H 4561 Roundup Ultra

L H 4763 Roundup Ultra Max

D H 4781 Rout

D F 7031 Rovral (50WP)

L F 7032 Rovral 4 Flowable

D MR 9087 Rozol (Pellets)

L F 7431 Rubigan A.S.

L F 7143 Rubigan EC

L I 1191 Saf‑T‑Side

L F 7490 Safe‑T Green (SM‑9)

L I 1190 Safer Insecticidal Soap

L H 4265 Salvo

D I 1298 Savey 50 WP

D I 1834 Scimitar Greenhouse Insecticide

D I 1702 Scimitar WP (Ornamental & Lawns)

L H 4667 Scythe

L F 7450 Sectagon 42

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**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 H 4620 Telar DF

**D/L Class Code Product Name**

L MS 9288 Telone C‑35

L MS 9011 Telone II

D I 1124 Temik 15G

L I 1540 Tempo 2

L I 1856 Tempo SC Ultra

L F 7100 Tenn‑Cop 5E

D F 7035 Terraclor 10% Granular

D F 7037 Terraclor 75WP

L F 7334 Terraclor Flowable

D F 7313 Terraclor Super X 18.8G

D F 7437 Terraguard 50W

D F 7384 Terraneb SP Turf Fungicide

L F 7177 Terranil 6L

D F 7438 Terrazole 35% Wettable Powder

D F 7038 Thiolux (80DF)

D F 7096 Thiram 75WP

L I 1811 Thuricide Bt

L F 7076 Tilt

L H 4621 Topcide

L F 7039 Topsin 4.5FL

D F 7040 Topsin M 70W

L H 4662 Touchdown 5

L H 4629 Treflan HFP

D MS 9115 Tri‑Clor Chloropicrin

D F 7467 Tri‑con 67/33

L I 1782 Triact 70

L F 7492 Triact 70

L F 7447 Triathlon

D H 4452 Trifluralin 10G

D I 1129 Trigard (75W)

L F 7261 Trilogy 90EC (Neem Oil 90 %)

L H 4828 Trimec 992

L H 4829 Trimec

D F 7439 Truban 30% WP

D I 1704 Turcam 2.5 G

D H 4794 Turf King

D F 7440 Turfcide 10% G

D F 7441 Turfcide 15G

L F 7442 Turfcide 400

L I 1687 Valero

D F 7390 Vangard WG

L H 4784 Vantage

L MS 9185 Vapam HL (4.26 lb.)

L I 1845 Vectobac AS

D H 4115 Velpar (90SP)

D H 4836 Velpar DF

L H 4317 Velpar L (2EC)

L I 1130 Vendex 4L

D I 1131 Vendex 50WP

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**

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 Granuales

EC or E = Emulsifiable Concentrate

F or FL = Flowable

G = Granular

L = Liquid

OL = Oil-Soluable

P or PS = Pelleted

S = Solution

SP = Soluable 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**

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

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| **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*) |

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| **Column 9** | 1 Pounds  12 Gallons  13 Quarts  14 Pints  15 Liquid Ounces | 20 Teaspoons  21 Tablespoons  28 Dry Ounces  30 Grams  40 Kilograms | 41 Liters  42 Milliliter  50 Other, bags, WSP, etc.  (*Specify unit & weight \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*) |

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

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| **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 |

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| **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 |

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| **Pest Management Practices**  **item 3a** | 1 CHEMICAL DEALER |
| 2 CHEMICAL MANUFACTURER |
| 3 OTHER |
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| **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 |