**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 vegetableand strawberry production2 Propagative nursery material or lining-out stock3 Broadleaf evergreens4 Coniferous evergreens5 Deciduous shade trees6 Deciduous flowering trees7 Deciduous shrubs8 Fruit and nut plants9 Christmas trees10 Palms11 Ornamental Grasses12 Other Woody ornamentals and vines20 Non-production area | **FLORICULTURE**13 Cut flowers14 Flowering plants (potted)15 Bedding plants (flats, potted, hanging)16 Foliage plants (potted or hanging)17 Propagative floriculture material 18 Cut cultivated greens19 Herbaceous perennials20 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 Area5 Perimeter (*non-production areas*) |

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| **Column 9** |  1 Pounds12 Gallons13 Quarts14 Pints15 Liquid Ounces | 20 Teaspoons21 Tablespoons28 Dry Ounces30 Grams40 Kilograms | 41 Liters42 Milliliter50 Other, bags, WSP, etc.(*Specify unit & weight \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*) |

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| **Column 11** | 1 Hand held back pack sprayer2 Hand held wand/gun/boom from powerhydraulic sprayers3 Hand held granular shakers4 Hand held granular rotary applicator(*whirly bird, belly grinder*)5 Hand held foggers6 Dusting7 Overhead rail sprayers (*track sprayers*)8 Root ball/container/cutting/flower dip | 9 Drench10 Stationary fogger, aerosols, misters,electrostatic sprayers, smokers11 Tractor powered boom sprayer12 Tractor powered air blast or mister13 Aerial application14 Chemigation15 Machine injection, banded, broadcast,knifed in16 Other  |

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| --- | --- |
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| **Column 12** | 1 Licensed operator/employee pesticide applicator2 Unlicensed operator/employee under the direction of licensed applicator3 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 OREXTENSION INFESTATION GUIDELINES |
| 3 SCOUTING DATA AND YOUR ESTABLISHED THRESHOLDS |
| 4 OTHER |

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| --- | --- |
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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 |