

Actinovate SP*Biological Soil Inoculant/Fungicide*

Active Ingredient: Streptomyces Lydicus WYEC 108

Controls root rot and damping-off fungi. Preventative controls of Botrytis, Powdery Mildew and Downy Mildew.

Controls: Pythium, Rhizoctonia, Phytophthora, Verticillium, Fusarium & More.

Rates: Can be used as a soil drench, soil incorporation, foliar application, and bulb & bare root dips. See label for rates. Do not apply through irrigation systems.

REI: 4 HOURS
Non-phytotoxic. Encourages larger root systems.

Alude*Systemic Fungicide*

Active Ingredient: mono + di-potassium salts of phosphorous acid

Controls disease in ornamentals, bedding plants, conifers, turf and certain trees.

Controls: Black Spot, Downy Mildew, Phytophthora & Pythium.

Rates: For foliar spray, soil drench, soil incorporation, basal bark application or bare root dip - see label for rates.

REI: 4 HOURS

Banner Maxx*Systemic Fungicide*

Active Ingredient: Propiconazole

Controls numerous diseases on turfgrass and can be used on ornamentals and landscapes.

Controls: Powdery Mildew, Rusts, Leaf Spots, Scabs, and Blights.

Rates: 2-24 oz/100 gal - ornamentals
6-8 oz/100 gal every 21 days - landscapes

REI: 24 HOURS
Bermuda grass can be sensitive - see label for restrictions.

Banrot 40WP*Wettable Powder Fungicide*

Active Ingredient: Etriazole & Thiophanate-methyl, Dimethyl

A wettable powder systemic fungicide for use on ornamental and nursery crops. Same active ingredient as Truban & Cleary's 3336.

Controls: Damping-off, Root & Stem rot.

Rates: Bedding Plants: 4-8 oz/100 gal.
Container Plants: 6-12 oz/100 gal.

REI: 12 HOURS
Toxic to fish.

Captan 50WP*Fungicide*

Active Ingredient: Captan

For use on fruit and ornamental crops and for use as a soil treatment.

Controls: Botrytis, Leaf Spot, Rust, Alternaria, Black Spot, Damping-off, Scab, Downy Mildew.

Rates: 2-6 lbs/100 gal.

REI: 4 HOURS
For use on listed fruits and nuts, see label.

Chipco 26019 WP*Fungicide*

Active Ingredient: Iprodione

A broad spectrum fungicide for use on field, landscape and greenhouse ornamentals and conifer nurseries. Not for residential use.

Controls: Alternaria, Botrytis, Fusarium, Rhizoctonia, Ink Spot, Pythium, Gray Snow Mold, and Leaf Spot

Rates: Foliar: 1-2.5 lbs/acre
Drench: seed/transplant - 6.5 oz/100 gal.
dip prior to storage - 1-2 lbs/100 gal.

REI: 12 HOURS - Ornamentals
REI: 24 HOURS - All other uses
Do not use as soil drench on impatiens or pothos.
Do not use on Spathiphyllum

Chipco 26GT*Broad-Spectrum Fungicide*

Active Ingredient: Iprodione

A broad-spectrum fungicide that controls a variety of destructive turfgrass diseases.

Controls: Dollar Spot, Brown Spot, Leaf Spot, Large Patch, Fusarium Blight, Necrotic Ring Spot, Gray Snow Mold, Pink Snow Mold, Corticum Red Thread

Rates: 3-8 oz/1000 sq. ft.

REI: N/A

Chipco Signature*Systemic Fungicide*

Active Ingredient: Fosetyl

For the prevention and control of Phytophthora rots in ornamentals and Pythium in turf.

Controls: Pythium and Phytophthora.

Rates: Drench: 125 g/100 sq. meters

REI: 12 HOURS
Toxic to fish.

Cleary's 3336F*Flowable Systemic Fungicide*

Active Ingredient: Thiophanate-methyl

For prevention and control of diseases of turf, annual/perennial flowers, bedding plants, foliage plants, ground covers and trees & shrubs.

Controls: Anthracnose, Black/Brown Spot, Blight, Leaf Spots, Rusts, Rot, Cutting diseases, Powdery Mildew and More.

Rates: Foliar: 8-24 oz/100 gal.
Drench: 8-16 oz/100 gal.
Plant Tips: 16-24 oz/100 gal.

REI: 12 HOURS
Not recommended for use on Swedish Ivy, Boston Fern or Easter Cactus

Cleary's 3336WP

Wettable Powder Systemic Fungicide

Active Ingredient: Thiophanate-methyl

For prevention and control of diseases of turf, annual/perennial flowers, bedding plants, foliage plants, ground covers and trees & shrubs.

Controls: Anthracnose, Black/Brown Spot, Blight, Leaf Spots, Rusts, Rot, Cutting diseases, Powdery Mildew and More.

Rates: Foliar: 8-24 oz/100 gal.
Drench: 8-16 oz/100 gal.
Plant Tips: 16-24 oz/100 gal.

REI: 12 HOURS

Not recommended for use on Swedish Ivy, Boston Fern or Easter Cactus

Companion

Biological Fungicide

Active Ingredient: Bacillus Subtilis GB03

For greenhouse. Improves rooting, growth and plant vigor. Contains high carbon compounds which neutralize chemical salts.

Controls: Pythium, Rhizoctonia, Phytophthora, Fusarium.

Rates: Drench: 16 oz/100 gal.

REI: 4 HOURS
Non-phytotoxic.

Compass T/O 50 WDG

Fungicide

Active Ingredient: Trifloxystrobin

A systemic fungicide with protective and curative activity for use on ornamentals.

Controls: Anthracnose, Black Spot, Botrytis, Downy Mildew, Leaf Spot, Powdery Mildew, Rust, Scab, Myrothecium, Rhizoctonia, Root rot.

Rates: Foliar Spray: 1-4 oz/100 gal.
Drench: 1/2 oz/100 gal.

REI: 12 HOURS

May cause injury to Petunia, Violet, New Guinea Impatiens.

Contrast 70WSP

Fungicide

Active Ingredient: Flutolanil

A systemic, preventative and curative for foliar, soilborne and propagative diseases.

Controls: Downy Mildew, Powdery Mildew, Rusts, Rhizoctonia.

Rates: See label for spray, drench and drip rates.

REI: 12 HOURS

Toxic to aquatic invertebrates.

Daconil Ultrex WDG

Turf & Ornamental Fungicide

Active Ingredient: Chlorothalonil

For use on golf courses, sod farms, lawns and commercial public buildings and other turf grasses. Use on home lawn is prohibited.

Controls: Leaf Spot, Anthracnose, Stem Rust, Gray Snow Mold, Fusarium.

Rates: Rates vary - see label.

REI: 12 HOURS

Do not mix with Dipel 4L, Foil, Triton or Latron as phytotoxicity may result.

Decree 50WDG

Fungicide

Active Ingredient: Fenhexamid

For use on ornamental crops.

Controls: Botrytis (will stop sporulation if infection has occurred)

Rates: Spray: 0.75-1.5 lbs/100 gal.

REI: 12 HOURS



T-Methyl

Systemic Fungicide

Active Ingredient: Thiophanate-methyl

For prevention and control of diseases of turf, annual/perennial flowers, bedding plants, foliage plants, ground covers and trees & shrubs.

Controls: Anthracnose, Black/Brown Spot, Blight, Leaf Spots, Rusts, Rot, Cutting diseases, Powdery Mildew and More.

Rates: Foliar: 8-24 oz/100 gal.
Drench: 8-16 oz/100 gal.
Plant Tips: 16-24 oz/100 gal.

REI: 12 HOURS

Not recommended for use on Swedish Ivy, Boston Fern or Easter Cactus

Exotherm Termil

Fumigant Fungicide

Active Ingredient: Chlorothalonil

A protectant fungicide. Applications should begin prior to appearance of disease systems.

Controls: Blossom Blight, Leaf Spot, Stem Rot, Gray Mold, Early Blight, Late Blight, Gray Leaf Spot, Leaf Mold on tomatoes.

Rates: 1 can/1000 sq. ft.

REI: 12 HOURS

For best results, overnight exposure is recommended.

Fungaflor TR

Dry Micro Total Release Fungicide

Active Ingredient: Imazalil

First total release fungicide with broad spectrum prevention and control of plant diseases. For use in commercial greenhouses on bedding plants, cut flowers, hanging baskets, foliage, potted plants, ornamentals and perennials.

Controls: Botrytis

Rates: 1 2oz can/1500 sq. ft.

REI: 24 HOURS

Heritage 50% DF*Fungicide*

Active Ingredient: Azoxystrobin

A broad spectrum, preventative fungicide with systemic and curative properties.

Controls: Conifer Blights/Leaf Blights & Spots, Powdery Mildew, Rusts, Flower Blights, Shoot & Stem Diseases, and Soil Borne Diseases.

Rates: 1-4oz/100 gal.
Foliar drench or drip applications.

REI: 4 HOURS
DO NOT alternate with other strobilurin fungicides
DO NOT apply to apple or cherry trees

Medallion 50W*Fungicide*

Active Ingredient: Fludioxonil

For use in ornamentals grown in containers, greenhouses and other enclosed structures. May be tank mixed, but use with adjuvants may cause plant damage. Drench or at seedling applications to Impatiens or New Guinea Impatiens may cause stunting and/or chlorosis.

Controls: Alternaria, Botrytis, Fusarium, Rhizoctonia, Thielaviopsis and More.

Rates: Foliar spray, drench, pre-potting media mix. See label for rates.

REI: 12 HOURS**OHP 6672 50W***Fungicide*

Active Ingredient: Thiophanate-methyl

For use on annual/perennial flowers, ground covers, deciduous & evergreen trees and shrubs.

Controls: Anthracnose, Leaf Spots, Powdery Mildew, Rots, Scabs and More.

Rates: Foliar Spray: 8-24 oz/100 gal.
Drench: 12-16 oz/100 gal.
Bulb Treat: 12-16 oz/100 gal.
Turf App: 1-6 oz/1000 sq. ft.

REI: 12 HOURS
Not recommended for Swedish Ivy, Boston Fern & Easter Cactus. Do not apply to home orchids/fruit & nut trees and shrubs.

Phyton 27*Bactericide/Fungicide*

Active Ingredient: Copper Sulphate Pentahydrate

For use on ornamental pot, bedding and cut flower crops, nursery crops and shade and ornamental trees. Rates above 1.5 oz/100 gal may damage tender, open blooms.

Controls: Botrytis, Powdery Mildew, Downy Mildew, Phytophthora, Erwinia, Cylindrocladium, Pseudomonas, Xanthomonas and More.

Rates: Spray, dip, drench rates vary - see label.

REI: 24 HOURS
Do NOT tank mix with B-Nine or Allette or within 14 day before or after application of these as burning of leaves may result.

Pipron*Fungicide*

Active Ingredient: Piperidin

Highly effective against powdery mildew. Designed as an eradicant fungicide.

Controls: Powdery Mildew

Rates: 4-8 oz/100 gal.

REI: 12 HOURS
DO NOT tank mix with Pentac Aquaflow & Mavrik Aquaflow
Poinsettia: May spot mature bracts.

Protect DF*Fungicide*

Active Ingredient: Mancozeb

Highly active fungicide for use on common turfgrass diseases and major fungal diseases of certain ornamentals. Spray on 7-21 day intervals. Use spreader sticker for best results.

Controls: Botrytis, Downy Mildew, Leaf Spot, Rust, Scab and More.

Rates: 1-2 lbs/100 gal. (foliar spray)
4-8 oz/1000 sq. ft. (turf)

REI: 24 HOURS**QUALI-PRO****Chlorothalonil 720 SFT***Flowable Fungicide*

Active Ingredient: Chlorothalonil 720 SFT

For use on golf courses and ornamental turf grasses.

Controls: Leaf Spot, Melting Out, Blight, Brown Patch, Gray Leaf Spot, Red Thread, Anthracnose, Dollar Spot, Stem Rust and More.

Rates: Rate vary - see label.

REI: 12 HOURS**QUALI-PRO****Chlorothalonil DF***Dry Flowable Fungicide*

Active Ingredient: Chlorothalonil

For use on tree crops and golf courses.

Controls: Needlecasts, Blight, Brown Spot, Needle Rust, Dollar Spot, Leaf Spot, Melting Out, Brown Patch, Red Thread, Anthracnose and More.

Rates: Rates vary - see label.

REI: 12 HOURS**QUALI-PRO****Mefanoxam 2 AQ***Flowable Fungicide*

Active Ingredient: Mefanoxam

An aqueous flowable fungicide for the control of certain diseases in various turf, nursery and ornamental crops caused by the Oomycete class of fungi.

Controls: Pythium Blight, Downy Mildew, Yellow Tuft and Pythium Damping-off.

Rates: Rates vary - see label.

REI: 0 HOURS

CHEMICALS

FUNGICIDES



TM 4.5 Flowable

Systemic Fungicide

Active Ingredient: Thiophanate-methyl

A highly effective broad spectrum systemic fungicide for disease control. It is for use on golf courses, ornamental turfgrass, and ornamental plants, trees and shrubs.

Controls: Anthracnose, Blight, Black Spot, Botrytis, Cercospora, Ovulinia, Powdery Mildew and More.

Rates: Foliar Spray: 20 oz/100 gal.
Drench: 5 gal/1000 sq. ft.

REI: 12 HOURS
Non-phytotoxic. Encourages larger root systems.



TM 85 WDG

Systemic Fungicide

Active Ingredient: Thiophanate-methyl

Systemic, preventative protection against major turf and ornamental diseases. Excellent tank mix partner with most other fungicides.

Controls: Anthracnose, Blight, Leaf Spot, Ovulinia, Powdery Mildew, Scab, Black Spot, Botrytis, Fusarium and More.

Rates: 0.8 lbs/100 gal.

REI: 12 HOURS



TM/C WDG

Turf and Ornamentals Fungicide

Active Ingredient:
Chlorothalonil, Dimethyl 4-4-0-phenylenebis-3-thiophanate

A formulation of two chemicals to provide both contact and systemic disease control. It is for use on golf course and ornamental turfgrasses.

Controls: Dollar Spot, Leaf Spot, Brown Patch, Blight, Downy Mildew, Powdery Mildew and More.

Rates: Rates vary - see label.

REI: 48 HOURS

Rootshield Granular

Biological Fungicide

Active Ingredient: Trichoderma harzianum strain T-22

Controls listed diseases in greenhouses and nursery crops.

Controls: Pythium, Rhizoctonia, Fusarium.

Rates: Drench: 8 oz/100 gal.
Soil: 1-1.5 lbs/1 cu. yd.

REI: 4 HOURS

Spectro T & O

Turf and Ornamental Fungicide

Active Ingredient: Chlorothalonil & Thiophanate-methyl

For use on fine turf, annual/perennial flowers, bedding and foliage plants, ground covers, deciduous and evergreen trees and shrubs.

Controls: Leaf Spot, Foliar Blights, Flower Spots/Blights, Powdery Mildew, Rusts, Scabs, Stem and Crown Rots.

Rates: 1-2 lbs/100 gal.

REI: 48 HOURS
Do NOT combine with Dipel, Foil, Triton or Latron as phytotoxicity may result. Not recommended for use on Swedish Ivy, Boston Fern or Easter Cactus.

Spotrete F

Turf Fungicide & Animal Repellent

Active Ingredient: Thiram

Can provide curative and protective action of common turf diseases.

Controls: Brown Patch, Rust, Spots, Red Thread, Meltout, Pink/Gray Snow Molds, Repels deer, rabbits, and rodents.

Rates: see label.

REI: 24 HOURS
TOXIC TO FISH, NOT for use on residential turf, cannot be used on crops that will bear fruit within 1 year of application.

Stature DM

Fungicide

Active Ingredient: Dimethomorph

Anti-sporulant activity stops disease spread.
Has translaminar activity.

Controls: Phytophthotas, Downy Mildew, Sudden oak disease.

Rates: 6.4-12.8oz/100 gal - downy mildew
3.2-12.8oz/100 gal - root, crown, stem diseases

REI: 12 HOURS
Dimethomorph has shown no cross resistance to metalaxyl of Mefanoxam.

Strike 50 WDG

Systemic Fungicide

Active Ingredient: Triadimefon

For control of certian diseases on flowers, foliage plants, shurbs and shade trees in commercial nurseries, garden centers and greenhouses.

Controls: Flower Blight, Leaf Blight, Powdery Mildew, Rusts, Tip Blights.

Rates: 1-2 oz/100 gal.

REI: 12 HOURS
Use higher rate in summer. See label.

Subdue Maxx

Dual Fungicide

Active Ingredient: Mefanoxam

Use on container, bench or bed grown ornamentals in greenhouses or outdoor nurseries and on ornamentals grown for indoor and outdoor landscaping.

Controls: Damping-off, Root and Stem Rots caused by Pythium and Phytophthora.

Rates: Drench, spray and soil rates vary.
See label.

REI: 0 HOURS
Twice the strength of Subdue

Terraclor 75 WP*Fungicide*

Active Ingredient: Pentachloronitrobenzene

A soil fungicide for control of certain soilborne diseases in ornamental crops. Best used as a preventative program, and important that it be placed or mixed in the soil.

Controls: Root/Stem Rots, Botrytis, Storage Rot, Neck Dry Rot, Bulb Dry Rot, Needle Blight, Petal Blight, Bulb/Stem Rot, Flower Blight, Crown Rot, Black Rot.

Rates: 4-8 oz/100 gal.

REI: 12 HOURS

Terraclor 400*Fungicide*

Active Ingredient: Pentachloronitrobenzene

A soil fungicide for control of certain soilborne diseases in ornamental crops. Best used as a preventative program, and important that it be placed or mixed in the soil.

Controls: Root/Stem Rots, Botrytis, Storage Rot, Neck Dry Rot, Bulb Dry Rot, Needle Blight, Petal Blight, Bulb/Stem Rot, Flower Blight, Crown Rot, Black Rot.

Rates: 6-12 oz/100 gal.

REI: 12 HOURS

Terraguard 50 WP*Ornamental Fungicide*

Active Ingredient: Triflumizole

Can be used as a cutting soak, soil drench, foliar spray or through chemigation on ornamentals grown in enclosed commercial structures. As a foliar spray has translaminar activity and is locally systemic.

Controls: Rhizoctonia, Thielaviopsis, Alternaria, Powdery Mildew, Crown Canker, Damping-off, Scab and More.

Rates: Foliar Spray: 4-8 oz/100 gal.
Drench: 4-16 oz/100 gal.

REI: 12 HOURS
Do NOT use on impatiens plugs.

Terrazole 35 WP*Turf and Ornamentals Fungicide*

Active Ingredient: Etridiazole

A soil fungicide effective for prevention and control of specified disease on golf course turf, ornamentals and nursery crops. Apply as soil drench at the time of seeding or transplanting. For commercial use only. See label for drip irrigation directions.

Controls: Damping-off and Root/Stem Rots caused by Pythium and Phytophthora.

Rates: Drench: 3.5-10 oz/100 gal.

REI: 12 HOURS

Triact 70*Fungicide/Insecticide/Miticide*

Active Ingredient: Neem Oil

Fungicide:
Activity by contact. Controls Black Spot, Downy/ Powdery Mildew, Rusts, Botrytis, and more.

Miticide:
Controls spider mites, all stages and broad & rust mites - adults and nymphs.

Insecticide:
Controls aphids, whiteflies, and suppresses thrip.

Rates: see label.

REI: 4 HOURS

Truban 25EC*Fungicide*

Active Ingredient: Etridiazole

Fungicide for control of Damping-off and Root Rot disease caused by Pythium and Phytophthora in ornamental and nursery crops.

Controls: Damping-off and Root/Stem Rot caused by Pythium and Phytophthora.

25 EC Rates: Drench rates vary - see label.

30WP Rates: Drench: 3-12 oz/100 gal.
Dry Soil Mix: 0.5-3 oz/1 cu. yd. soil mix.

REI: 12 HOURS

Truban 30WP*Fungicide*

Active Ingredient: Etridiazole

Fungicide for control of Damping-off and Root Rot disease caused by Pythium and Phytophthora in ornamental and nursery crops.

Controls: Damping-off and Root/Stem Rot caused by Pythium and Phytophthora.

25 EC Rates: Drench rates vary - see label.

30WP Rates: Drench: 3-12 oz/100 gal.
Dry Soil Mix: 0.5-3 oz/1 cu. yd. soil mix.

REI: 12 HOURS

Vorlan DF*Fungicide*

Active Ingredient: Vinclozalin

Effective for disease control on many ornamental plants.

Controls: Botrytis, Sclerotinia and More.

Rates: 0.25-1 lbs/100 gal.

REI: 12 HOURS
NOT for use through irrigation systems. See label.

Zyban WSB*Fungicide*

Active Ingredient: Thiophanate-methyl & Mancozeb

Broad spectrum systemic-contact for use in turf, landscape, ornamental and nursery crops.

Controls: Scab, Rust, Leaf Spot, Blight, Anthracnose, Powdery Mildew and Downy Mildew.

Rates: Spray: 24-36 oz/100 gal.

REI: 24 HOURS
NOT for homeowner use on turf.

FUNGICIDE PRICING

Catalog #	Description	Comments	Size	Pack	Each Prices	
					(EACH)	(CASE)
045-100-118	Actinovate		18 oz	12/cs	\$97.50	\$87.31
039-100-025	Alude		2.5 gal	2/cs	\$281.25	\$251.87
039-280-100	Banner Maxx	See Propiconazole	1 gal	2/cs	\$510.20	\$456.90
039-250-002	Banrot 40WP		2 lb	6/cs	\$92.87	\$83.16
039-255-005	Captan 50WP		5 lb	10/cs	\$29.67	\$26.57
039-269-002	Chipco 26019 WP		2 lb	6/cs	\$108.10	\$96.81
039-269-025	Chipco 26GT		2.5 gal	2/cs	\$488.55	\$437.51
039-250-055	Chipco Signature		5.5 lb	4/cs	\$195.07	\$174.69
039-004-025	Chlorothalonil 720 SFT (Quali-Pro)	Daconil Ultrex, Weatherstick	2.5 gal	2/cs	\$170.26	\$151.92
039-004-050	Chlorothalonil DF (Quali-Pro)	Daconil, Weatherstick	5 lb	4/cs	\$58.19	\$51.92
039-143-632	Cleary's 3336F		1 qt	12/cs	\$84.87	\$76.00
039-143-628	Cleary's 3336F		1 gal	4/cs	\$278.52	\$249.42
039-143-625	Cleary's 3336F		2.5 gal	2/cs	\$605.47	\$542.21
039-143-602	Cleary's 3336 WP (4x 8 ounce)		2 lb	6/cs	\$68.27	\$61.13
039-123-210	Companion		1 gal	4/cs	\$119.18	\$106.73
039-123-225	Companion		2.5 gal	2/cs	\$273.35	\$244.79
039-115-008	Compass T/O 50 WDG		8 oz	12/cs	\$298.20	\$267.04
039-227-008	Contrast 70WSP		8 oz	10/cs	\$95.75	\$85.75
039-252-005	Daconil Ultrex WDG		5 lb	4/cs	\$85.42	\$76.49
039-305-025	Decree 50WDG		2.5 lb	4/cs	\$290.75	\$260.37
039-170-824	Exotherm (10,000 CF)		24/cs	6/cs	\$116.67	\$104.48
039-210-020	Fungaflor TR		2 oz	12/cs	\$10.55	\$9.45
039-102-004	Heritage		4 oz	20/cs	\$189.47	\$169.67
039-195-008	Medallion 50W		8 oz	4/cs	\$216.85	\$194.19
039-002-001	Mefanoxam 2 AQ (Quali-Pro)	Subdue Maxx	1 qt	4/cs	\$222.41	\$198.46
039-002-010	Mefanoxam 2 AQ (Quali-Pro)	Subdue Maxx	1 gal	2/cs	\$663.79	\$592.31

FUNGICIDE PRICING

Catalog #	Description	Comments	Size	Pack	Each Prices	
					(EACH)	(CASE)
039-156-702	OHP 6672 50W		4x 8 oz	6/cs	\$59.82	\$53.57
039-252-732	Phyton 27		1 liter	12/cs	\$175.47	\$157.13
039-252-728	Phyton 27		1 gal	6/cs	\$520.37	\$466.00
039-230-001	Pipron		1 qt	12/cs	\$448.47	\$401.61
039-140-003	Protect DF		6 lb	6/cs	\$41.10	\$36.81
044-220-010	Rootshield Granular	Special Order Item	10 lb	4/cs	\$181.33	\$162.39
044-220-040	Rootshield Granular	Special Order Item	40 lb	1/cs	\$419.60	
039-254-005	Spectro T&O		5 lb	4/cs	\$133.73	\$119.76
039-150-250	Spotrete F		2.5 gal	2/cs	\$117.22	\$104.97
039-220-350	Stature DM		1 lb	10/cs	\$117.47	\$105.19
039-255-015	Strike 50 WDG		8 oz	12/cs	\$94.80	\$84.90
039-253-032	Sudue Maxx		1 qt	12/cs	\$305.55	\$273.63
039-253-028	Sudue Maxx		1 gal	2/cs	\$941.67	\$843.28
039-157-505	Terraclor 75 WP		5 lb	8/cs	\$84.75	\$75.90
039-154-028	Terraclor 400		1 gal	4/cs	\$97.68	\$87.48
039-155-002	Terraguard 50WP		2 lb	6/cs	\$356.30	\$319.07
039-153-502	Terrazole 35WP		2 lb	6/cs	\$97.77	\$87.55
039-045-025	TM 4.5 Flowable (Quali-Pro)	Cleary's 3336/6672	2.5 gal	2/cs	\$452.58	\$403.85
039-085-012	TM85 WDG (Quali-Pro)	Cleary's 3336/6672	1.2 lb	6/cs	\$46.55	\$41.54
039-085-055	TM85 WDG (Quali-Pro)	Cleary's 3336/6672	5.5 lb	4/cs	\$180.17	\$160.77
039-003-450	TM/C WDG (Quali-Pro)	ConSyst, Spectro	5 lb	4/cs	\$86.20	\$76.92
039-090-108	T-Methyl 50 WSB (Nufarm)	Cleary's 3336/6672	4x 8 oz	6/cs	\$44.82	\$41.53
039-167-025	Triact 70		2.5 gal	2/cs	\$148.75	\$133.21
039-253-002	Truban 30WP		2 lb	6/cs	\$95.50	\$85.52
039-253-232	Truban 25EC		1 qt	4/cs	\$89.95	\$80.55
039-315-002	Vorlan DF		2 lb	6/cs	\$83.25	\$74.55
039-250-032	Zyban WSB		8x 6 oz	4/cs	\$77.28	\$69.21

CHEMICALS

GROWTH REGULATORS

A-Rest

For use on bedding plants, flowering and foliage plants, herbaceous and woody species and bulb crops. Application may be made after plants have initiated new growth after transplant.

Active Ingredient: Ancyamidol

REI: 12 Hours

B-Nine WSG

After foliar spray, B-Nine absorbs into leaves then moves within the plant to reduce stem elongation. For use on bedding plants, foliage plants. Note: B-Nine is compatible for tank mixing.

Active Ingredient: Daminozide

REI: 24 Hours

Bonzi

For ornamental plants grown in containers in greenhouses, shadehouses and interiorscapes. Reduces internode elongation. Used as directed produces no phytotoxicity effects.

Active Ingredient: Paclobutrazol 0.4%

REI: N/A

Cycocel

For use on ornamentals in greenhouses; bedding plants, geraniums, poinsettias, woody and herbaceous crops. Plants treated with Cycocel may often develop slight yellowing in new leaf margins. Contains a wetting agent.

Active Ingredient: Chlormequat

REI: 12 Hours



Chlormequat (Compare to Cycocel)

Controls stem elongation in bedding plants, herbaceous crops and woody flowering crops. Can be used to promote earlier flowering of seed geraniums.

Active Ingredient: Chlormequat Chloride

REI: 12 HRS



Concise (Compare to Sumagic)

Concise is an effective growth retardant for use on a broad variety of ornamentals. Concise reduces plant height by limiting internode elongation, producing more desirable, compact and marketable plants.

Active Ingredient: Chlormequat

REI: 12 Hours



Dazide 85 WSG (Compare to B-Nine)

Creates more marketable ornamentals by stimulating enhanced foliage color and increasing flower production.

Active Ingredient: Daminozide

REI: 4 Hours



Florgib (Compare to Gibberellic Acid)

Stimulates growth, promotes stem elongation and flowering in ornamental plants. Florgib contains gibberellic acid (GA3). Gibberellins are compounds that are naturally produced within plants to stimulate growth.

Active Ingredient: Gibberellic Acid

REI: N/A



Fresco (For lily production)

For the reduction of lower leaf yellowing in lilies. By making plants more presentable, Fresco helps growers produce even greater numbers of top quality marketable plants. Approved for reduction of yellowing in Easter Lily, LA Hybrid Lily, Asiatic Lily.

Active Ingredient: Gibberellins A4A7

REI: 4 Hours



Piccolo (Compare to Bonzi)

For ornamentals, bedding plants, herbaceous and woody species. Can be used for bulb soak and drench applications. Sufficient volume is necessary to thoroughly wet stems. Same active ingredient as Bonzi with the same rates.

Active Ingredient: 0.4% Paclobutrazol

REI: 12 Hours

Florel

For increased lateral branching in ornamentals and fruit elimination in ornamental trees/shrubs and reduction of plant height and stem topple. See label for other uses.

Active Ingredient: Ethephon Phosphonic Acid

REI: 48 Hours

Pro Gibb T & O

For use on turf and ornamental crops and cut flowers. Pro-Gibb T & O is an extremely potent growth regulator. The effects are to increase plant size through increased stem elongation and leaf and petal expansion.

Active Ingredient: Gibberellic Acid

REI: 12 Hours

Sumagic

For use in commercial greenhouses on a wide variety of ornamental crops. Application to media containing pine bark will reduce Sumagic activity. Sumagic has been shown to increase the quality of plants even in the absence of growth reduction, see label.

Active Ingredient: Uniconazole-p

REI: 12 Hours

GROWTH REGULATOR PRICING

Catalog #	Description	Comments	Size	Pack	Each Prices	
					(EACH)	(CASE)
040-250-032	A-Rest		1 qt	12/cs	\$91.53	\$81.97
042-500-250	A-Rest		2.5 gal	2/cs	\$870.08	\$779.18
040-150-005	B-Nine WSG		5 lb	8/cs	\$592.25	\$530.37
040-150-016	B-Nine WSG		1 lb	12/cs	\$123.40	\$110.51
040-151-032	Bonzi		1 qt	6/cs	\$180.55	\$161.69
040-000-010	Chlormequat (Nufarm)	Cycocel	1 gal	4/cs	\$258.62	\$238.09
040-191-010	Concise (Fine)	Sumagic	1 gal	4/cs	\$375.98	\$335.49
040-251-032	Cycocel		1 qt	4/cs	\$110.97	\$99.37
040-251-128	Cycocel		1 gal	4/cs	\$400.87	\$358.99
040-171-010	Dazide 85 WSG (Fine)	B-Nine	1 lb	12/cs	\$98.10	\$87.54
040-171-050	Dazide 85 WSG (Fine)	B-Nine	5 lb	8/cs	\$450.43	\$401.92
040-120-032	Florel		1 qt	12/cs	\$27.67	\$24.78
040-120-128	Florel		1 gal	4/cs	\$57.22	\$51.24
040-010-010	Florgib (Fine)	Gibberellic Acid	1 gal	4/cs	\$123.27	\$110.00
040-181-001	Fresco (Fine)	For Lily production	1 qt	12/cs	\$172.13	\$153.60
040-161-032	Piccolo (Fine)	Bonzi	1 qt	12/cs	\$111.29	\$99.30
040-161-035	Piccolo (Fine)	Bonzi	1 gal	4/cs	\$445.17	\$397.23
040-161-045	Piccolo (Fine)	Bonzi	2.5 gal	2/cs	\$619.91	\$553.15
040-252-032	Pro Gibb T&O		1 qt	12/cs	\$68.83	\$61.64
040-253-032	Sumagic PGR		1 qt	4/cs	\$127.68	\$114.34
040-253-030	Sumagic PGR		1 gal	4/cs	\$445.40	\$398.87

Casoron 4G

A selective herbicide with minimal downward and lateral leaching. Does not translocate through roots into plant. Remains active 4-7 months. Used on annual grass, broadleaf and certain perennial weeds. Apply 100-150 lbs/acre for annual weeds.

Dacthal W75

A selective pre-emergent broad spectrum herbicide for controlling crabgrass and certain broadleaf weeds in vegetable crops and nursery stock. Apply at a rate of 6-20 lbs/acre.

Gramoxone Maxx

A non-residual herbicide for control of many grasses and broadleaf weeds. Inactivated on contact with sil. Contains Paraquat and a wetting agent. *Not to be used by homeowners.

Horticultural Vinegar 20% Acetic Acid

Made by the acetous fermentation of ethyl alcohol and has many uses as an acidifying agent. Contains Yucca Extract (food grade Yucca Schidigera), a sticky carbohydrate substance and natural surfactant.

Pramitol 5PS

Pelleted herbicide for total vegetation control of weeds in non crop areas. A non-selective herbicide that can be applied before or after plant growth begins. Do not contaminate ground water. Rate: 0.35-0.92 lb/100 sq. ft.

Pramitol 25E

For total vegetation control on industrial sites, non-crop areas around the farm and for use in and under asphalt. Controls johnson grass, bindweed and other hard-to-kill weeds. For best results, apply before weeds emerge. Do not use on land to be cropped. Do not use in greenhouses.

Princep

A liquid herbicide that controls over 40 broadleaf and annual grass weeds in fruits, nuts and corn. May be used in Christmas tree plantings. Safe to use where atrazine use is restricted.

QUALI-PRO Oryzalin 4 Pro (Compare to Surflan AS)

Cost-effective, long-lasting (2-8 months) control of annual grasses and selected broadleaf weeds in ornamental (container & field grown), commercial landscaping, and warm season turf.

QUALI-PRO Glyphosate 41% (Compare to Round-Up)

Water soluble liquid that readily mixes with water for application as a foliar spray to control or destroy most herbaceous plants. Can be applied by using most standard industrial or field-type sprayers after diluted and thoroughly mixed with water.

QUALI-PRO Prodiamine 65 WDG (Compare to Barricade 65 WDG)

Pre-emergent grass and broadleaf weed control. Flexible application allows for both spring and fall use providing season long crabgrass control including: Henbit, Knotweed, Chickweed, Spurge, Annual Bluegrass, Foxtail, Goosegrass.

Ronstar 50WP

Selective, pre-emergent herbicide for control of annual grasses and broadleaf weeds in turf and on a wide variety of container and field grown woody ornamental shrubs, vines and trees. Check label for rate of application.

Ronstar G 2%

Pre-emergent herbicide for the control of certain weeds in woody ornamental shrubs and trees in nurseries or in turf. Dangerous to fish. DO NOT contaminate water.

Round-Up Dry Pak & Pro

Systemic, non-selective herbicide which kills any plant it comes in contact with.

Dry Pak: Apply at a rate of 1 oz/1 gallon of water.

Pro: Apply at a rate of 1-5 qts/acre in 20-40 gallons of water.

Rout

A safe, effective, pre-emergent herbicide designed for broad control and plant safety for container, field grown and landscape ornamentals. Apply at a rate of 100 lbs/acre.

Surflan AS T & O

A surface-applied pre-emergent herbicide. Controls broadleaf weeds and annual grasses in field grown ornamentals. Labeled for tank mixing with Round-Up. Apply 2-4 qts/acre.

Trammel 5G (Treflan)

A pre-emergent, season long control of grassy and broadleaf weeds. It is a selective herbicide for pre-plant soil incorporated weed control in many field crops, vegetables and ornamentals.

HERBICIDE PRICING

Catalog #	Description	Comments	Size	Pack	Each Prices	
					(EACH)	(CASE)
041-260-450	Casoron 4G		50 lb	1/cs	\$151.75	
041-267-502	Dacthal W75		4 lb	6/cs	\$95.20	\$85.25
041-041-250	Glyphosate 41% (Quali-Pro)	Round-Up	2.5 gal	2/cs	call for pricing	
041-041-300	Glyphosate 41% (Quali-Pro)	Round-Up	30 gal	1/cs	call for pricing	
041-911-250	Gramoxone Maxx		2.5 gal	2/cs	\$164.62	\$147.42
041-112-001	Horticultural Vinegar		1 qt	12/cs	\$6.66	\$5.96
041-112-010	Horticultural Vinegar		1 gal	4/cs	\$19.57	\$17.52
041-004-250	Oryzalin 4 Pro (Quali-Pro)	Surflan A.S.	2.5 gal	2/cs	\$232.75	\$207.69
041-263-525	Pramitol 5PS		25 lb	1/cs	\$88.27	
041-258-010	Pramitol 25E		1 gal	4/cs	\$50.88	\$45.57
041-259-025	Princep		2.5 gal	2/cs	\$69.46	\$62.20
041-091-064	Pro Deuce (Nufarm)	Glyphosate/ Prodiamine	64 oz	8/cs	\$55.25	\$50.87
041-065-050	Prodiamine 65 WDG (Quali-Pro)	Barricade 65 WDG	5 lb	6/cs	\$181.90	\$157.69
041-101-025	Razor (Nufarm)	Round-Up	2.5 gal	2/cs	\$130.38	\$120.03
041-262-002	Ronstar 50WP		2 lb	5/cs	\$87.23	\$78.12
041-262-050	Ronstar G 2%		50 lb	1/cs	\$130.53	
041-263-000	Round-Up Dry Pak (30x 1.5 oz)		1.5 oz	1/cs	call for pricing	
041-263-250	Round-Up Pro		2.5 gal	2/cs	call for pricing	
041-264-050	Rout		50 lb	1/cs	\$160.90	
041-264-128	Surflan AS T&O		2.5 gal	2/cs	\$274.50	\$245.82
041-265-400	Trammel 5G (Treflan)		40 lb	1/cs	\$36.27/1cs	\$32.48/3cs

Biological	Insecticides	REI Hours	Rate/100 gal.	Active Ingredient	Aphids	Beetles	C. Looper	Caterpillar	Fungus Gnats	Lace Bugs	Leaf Hopper	Leaf Miner	Leaf Roller	Mealy Bug	Mites	Scale	Shore Fly	Thrips	Webworm	Whitefly	Other
	Adept 25W	12	1-8 oz.	IGR					•			•					•				
	Avid	12	8 oz.	Abamectin								•									
•	Azatin XL	4	10-21 oz.	Azadirachtin	•	•	•	•	•		•	•					•		•	•	g-moth
•	BotaniGard	12	0.5-2 qts.	Beauveria bassiana (GHA)	•								•								
•	Cinnamite	4	61-85 oz.	Cinnamaldehyde	•																
	Citation	12	2.66 oz.	IGR								•									
•	Conserve SC	4	6-22 fl. oz.	Spinosad		•		•				•							•		g-moth
	Deadline	12	see label	Metaldehyde																	slugs
	Dibrom	24	see label	Naled	•						•	•		•						•	
•	DiPel DF	4	0.5-2 lbs.	Bacillus thuringiensis (kurstaki)																	g-moth
	Distance	12	6-12 oz.	IGR	•				•			•				•	•			•	
	Endeavor	12	2.5-5 oz.	Pymetrozine	•															•	
	Enstar II	4	5-10 oz.	IGR	•				•											•	
	Floramite	4	2-4 oz.	Bifenazate																	
•	Gnatrol	4	16-128 oz.	Bacillus thuringiensis (israelensis)					•												
	Kelthane T/O	48	0.5-1 lb.	Dicofol																	
	M-Pede	12	2 gal.	Potassium Salts of Fatty Acids																	
	Marathon 1% G	12	see label	Imidacloprid	•	•			•	•		•		•		•				•	
	Marathon 60 WP	12	see label	Imidacloprid	•	•				•		•		•		•				•	
	Marathon II WP	12	50 ml	Imidacloprid	•	•															
	Mavrik Aquaflow	12	4-10 oz.	Tau-fluvalinate	•	•		•			•		•		•					•	
	Merit 75 WP	n/a	0.5 oz.	Imidacloprid	•						•		•							•	
	Merit 0.5 G	n/a	see label	Imidacloprid	•						•		•							•	
	Ornamite		1-5 lbs.	Propargite																	
•	Ornazin 3% EC	12	8-10 oz.	Azadirachtin	•				•		•	•		•							
	Orthene 97	24	1/3 - 1-1/3 lbs.	Acephate									•		•						g-moth
	Pinpoint 15 G	12	see label	Acephate	•					•		•		•		•					
	Preclude TR	12	see label	Fenoxycarb	•											•					
•	PT1100 Pyrethrum	12	see label	Pyrethrins	•	•			•	•			•		•	•	•				
	PT1300 Orthene TR	24	see label	Acephate	•		•	•	•	•		•		•		•			•		
	PT1600 X-Clude DS	12	see label	Pyrethrins	•	•		•	•		•					•	•				
	PT1800 Attain TR	12	see label	Bifenthrin	•			•					•		•						
	Sanmite	12	2-6 oz.	Pyridazinone												•					
	SunSpray UF oil	4	1-2 gal.	Paraffinic Oil	•	•			•	•	•	•		•		•			•		
	Talstar GH	12	8-40 oz.	Bifenthrin	•				•		•	•		•							
	Tempo SC Ultra	n/a	1.5 fl. oz.	Cyfluthrin					•							•					
	Thiodan 50 WP	24	0.5-2 lbs.	Endosulfan	•	•	•														
	Tristar	24	1-4 packets	Chloronicotiny	•						•	•		•						•	sawfly

INSECTICIDES

CHEMICALS

Adept

Active Ingredient: Diflubenzuron

Insect growth regulator for use as soil treatment for foliar spray on ornamentals in enclosed commercial structures only. Such as greenhouses, shade houses and interiorscapes.

Controls: Fungus gnats, Shoreflies, Armyworms, Leafminers, Whiteflies.

Rates: Drench: 1-2 oz/100 gal.
Foliar Spray: 4-8 oz/100 gal.

REI: 12 HOURS

Attain TR

Active Ingredient: Bifenthrin

For use in commercial greenhouses.

Controls: Aphids, Armyworms, Bagworms, Caterpillars, Fungus gnats, Mealy Bugs, Omnivorous Leaf Rollers, Plant Bugs, Scale, Thrips, Mites, Whiteflies.

Rates: Total Release: 1500-3000 sq. ft.

REI: 12 HOURS

Avid 0.15 EC

Active Ingredient: Abamectin

For use on shadehouse, greenhouse, field-grown, ornamentals, foliage plants, and woody ornamentals. Note: Phytotoxicity has been noted on ferns. Do not use on conifers.

Controls: Spider Mites, Leaf Miners.

Rates: Foliar Spray: 4-8 oz/100 gal.

REI: 12 HOURS

Azatin XL

Active Ingredient: Azadirachtin

For use on bedding plants, ornamentals, trees and shrubs, bulb vegetables, citrus fruits, cucurbit and fruiting vegetables, herbs and spices. When insects ingest or come in contact with Azatin XL, it interferes with the insects ability to moult. No restrictions on applying up to time of harvest.

Controls: Aphids, Armyworms, Bagworms, Beetles, Cankerworms, Caterpillars, Loopers, Chafers, Cutworms, Flies, Leaf Tiers, Leaf Hoppers, Leaf Miners and more.

Rates: Foliar Spray: 5-21 oz/100 gal.

REI: 4 HOURS

Citation

Active Ingredient: Cyromazine

Effectively and economically controls Dipterous leafminers, fungus gnats and shore flies in production ornamentals. Citation does not harm insect predators used in insect management programs and can be used in indoor and outdoor settings.

Controls: Dipterous leafminers, fungus gnats, and shore flies.

Rates:
Foliar spray:
2.66 oz/100 gal -Dipterous leafminers
Spray or drench:
2.66 oz/100 gal - fungus gnats shore flies

REI: N/A

Conserve SC

Active Ingredient: Spinosad

Specialty insecticide. Recommended for IPM programs on turfgrass and ornamentals.

Controls: Leaf feeding beetles, Lepidopterous larvae, Sawfly larvae, Thrips, Fleas, Dipterous gall midges, Spider mites, Dipterous Leaf Miners.

Rates: Spray: 6-22 oz/100 gal.

REI: 4 HOURS

DDVP Smoke

Active Ingredient: Dichlorvos

For greenhouse ornamentals, tomatoes, cucumbers, lettuce and radishes.

Controls: Whiteflies, Aphids, Red Spiders, Mealy Bugs.

Rates: Smoke generator

REI: 12 HOURS

Deadline MP

Active Ingredient: Metaldehyde

For use on field and seed crops and vegetables. For best results, apply in the evening. Especially beneficial if applied following rain or watering. Apply every 3-4 weeks during growing season. Note: Do not apply directly to edible portion of plant.

Controls: Snails, Slugs.

Rates: Soil surface treatment: broadcast by air or ground equipment.

REI: 12 HOURS

Decathlon 20WP

Active Ingredient: Cyfluthrin

For ornamental and nursery stock.

Controls: Bagworms, Fungus Gnats, Gypsy Moth Larvae, Leaf Feeding Caterpillars, Oleander Moth Larvae, Webworms, Aphids, Adult Japanese Beetles, Leaf Hoppers, Mealy Bugs, Thrips, Whiteflies.

Rates: Spray: 1.3-1.9 oz/100 gal.

REI: 12 HOURS

CHEMICALS

CHEMICALS

INSECTICIDES

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Must have **Pesticide Applicators License** with specific category required for chemical purchase.

Dimilin 25W

Active Ingredient: Diflubenzuron

For use on trees, shrubs, ornamentals, mushrooms, soybeans, cotton, pears, peppers, grassland, and non-crop areas.

Controls: Armyworms, Bagworms, Moths, Budworms, Cankerworms, Hemlock Looper, Leafminers, Oakworms, Sawflies, Spanworms, Caterpillars, Weevils, Webworms and more.

Rates: rates vary - see label.

REI: N/A



Must have **Pesticide Applicators License** with specific category required for chemical purchase.

Duraguard ME

Active Ingredient: Chlorpyrifos

Toxic to birds, fish and aquatic invertebrates.

Controls: Ants, Aphids, Caterpillars, Fungus Gnats, Scale, Spider Mites, Thrip and More.

Rates: Preventative Spray: 25 oz/100 gal.
Heavy Infestation: 50 oz/100 gal.

REI: 24 HOURS

Endeavor

Active Ingredient: Pymetrozine

For use on landscape, field and container grown ornamentals, nursery crops, Christmas trees, ground covers and ornamentals grown in greenhouses and interiorscapes. Has residual activity. Targeted pests stop feeding within hours of application. Low toxicity to beneficial insects.

Controls: Aphids, Whiteflies.

Rates: Foliar Spray: 2.5-5 oz/100 gal.

REI: 12 HOURS

Dipel Pro DF

Active Ingredient: Bacillus thuringiensis subsp. Kurstaki

Biological insecticide. Listed for bedding plants, ornamentals, turf, herbs, spices, and mints. There are no restrictions on applying up to time of harvest. After ingesting a lethal dose, larvae stop feeding within the hour and die within several hours to three days.

Controls: Caterpillars, Loopers, Worms, Twig Borers, Moths.

Rates: Spray: 0.25-2 lbs/100 gal.

REI: 4 HOURS



Must have **Pesticide Applicators License** with specific category required for chemical purchase.

Duraplex TR

Active Ingredient: Chlorpyrifos & Cyfluthrin

For commercial ornamental greenhouses.

Controls: Aphids, Caterpillars, Fungus Gnats, Mealy Bugs, Mites, Scale, Thrips, Whiteflies.

Rates: Total release.

REI: 24 HOURS

Enstar II

Active Ingredient: S-Kinoprene

For insect control, it is suggested applications be made to greenhouse plants in the pre-bloom stage. Application should be made to poinsettias prior to bract formation. Note: Some varieties of roses show delayed damage.

Controls: Whiteflies, Aphids, Soft-bodied/ Armored Scales, Mealy Bugs, Fungus Gnats.

Rates: Preventative Spray: 1/3 tsp-5 oz/10 gal.
Curative Spray: 10 oz/100 gal.

REI: 4 HOURS

Distance IGR

Active Ingredient: Pyriproxyfen

Insect growth regulator. For control of insects on indoor and outdoor ornamentals. Do not apply to poinsettia after bract formation.

Controls: Aphids (suppression only), Fungus Gnats, Shoreflies, Whiteflies, Scale, Leaf Miners.

Rates: Spray: 6-12 oz/100 gal.

REI: 12 HOURS



Must have **Pesticide Applicators License** with specific category required for chemical purchase.

Dursban 50W

Active Ingredient: Chlorpyrifos

Do not treat vegetable gardens. Do not use in greenhouses. For use on golf courses, road medians, and field grown nursery stock for pest control.

Controls: Ants, Bees, Box Elder Bugs, Carpenter Ants, Clover Mites, Cockroaches, Crickets, Earwigs, and More.

Rates: Perimeter Treatment: 0.25-1 lb/50 gal.
Outside Surfaces: 4 lbs/50 gal.

REI: 12 HOURS



Acephate 75 (orthene)

Active Ingredient: Acephate

Delivers superior contact and systemic control of more than 40 insect pests including mole crickets, fire ants and worms. Can be used on turfgrass, trees and shrubs, ornamental plants and greenhouse floral and foliage plant crops.

Controls: Mole crickets, fire ants, worms and more than 40 other insects.

Rates: Rates vary - see label.

REI: N/A

Toxic to birds. Do not contaminate water/food.

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Imida

1% G, 60WP, 0.5G

Active Ingredient: Imidacloprid

For use on turf (0.5G) and ornamental (1%G, 60WP) applications. Offers quick knockdown and long-lasting residual control.

Controls: Adelgids, Aphids, Armored scale, Thrips, Whiteflies, Leaf beetles, Japanese beetles, Lacebugs, Mealybugs, Psyllids, Root weevil, soft scale, Leafhopper, Leafminers, and more.

Rates: Rates vary - see label.

REI: N/A

Flagship 25WG

Active Ingredient: Thiamethoxam

For foliar and systemic control of insect pests on ornamental plants grown in greenhouses, lath and shadehouses, containers, field nurseries (including non-bearing fruit/nut trees) and on Christmas trees.

Controls: Aphids, Fungus Gnats, Lacebugs, Whiteflies, Mealybugs, Soft scales, Sawflies, Leafhoppers, Plant bug, Honeylocust, Japanese beetle, Fire ants and more.

Rates: Rates vary - See label.

REI: N/A

Floramite SC

Active Ingredient: Bifenazate

Selective miticide for ornamentals, perennials and woody plants. Provide quick contact knockdown and long residual control. Floramite is relatively inactive against beneficials, therefore is compatible with IPM.

Controls: Two-spotted Spider Mites, Pacific Mite, European Red Mite, Clover Mite, Strawberry Mite, Citrus Red Mite, Southern Red Mite, and More.

Rates: Full Coverage Spray: 4-8 oz/100 gal.

REI: 4 HOURS

Gnatrol

Active Ingredient: Bacillus thuringiensis, subsp. israelensis

Biological larvicide. Since Gnatrol is specific to fungus gnat larvae, timing of application should be when they are present in soil. Check label for repeat applications. Note: Do not use in combination with fertilizers or fungicides containing copper or chlorine.

Controls: Fungus Gnat Larvae.

Rates: Light Infestation: 16-32 oz/100 gal.
Heavy Infestation: 64-128 oz/100 gal.

REI: 4 HOURS

Hexygon DF

Active Ingredient: Hexythiazox

Approved long lasting ovicide/miticide, providing consistent residual control for up to 60 days in proper conditions. Use on ornamental plants, as well as nonbearing trees and vines growing in nurseries and greenhouses.

Controls: Red mites and Spider Mites

Rates: 1-2 oz/100 gal or 3-6oz/acre

REI: N/A
Toxic to fish and aquatic invertebrates.

Marathon

1% G, II, 60WP

Active Ingredient: Imidacloprid

Greenhouse/Nursery insecticide. For insect control on ornamental and vegetable plants in nurseries, greenhouses and interior landscapes. To be applied as soil treatment only - this product is a systemic that is translocated upward and has residual action.

Controls: Aphids, Black Vine Weevil Larvae, Fungus Gnat Larvae, Japanese Beetles, Lacebugs, Leafbeetles, Leafhoppers, Leafminers, Mealybugs and More.

1% G Rates: Soil Treatment: 1.25-2.5 tsp/1 gal.
60WP Rates: See label.

REI: 12 HOURS

Mavrik

Active Ingredient: Tau-fluvalinate

Insecticide/Miticide. For use on indoor plants in greenhouses and interior landscapes, and outdoor ornamental plantings and landscapes. Works primarily through contact.

Controls: Aphids, Thrips, Mites, Whiteflies, Leaf Feeding Caterpillars, Beetles, Root Weevils, Psyllids, Mealybugs, Two-spotted Spider Mites.

Rates: Spray: 4-10 oz/100 gal.

REI: 12 HOURS

Merit 0.5G, 75WP

Active Ingredient: Imidacloprid

Not for use in commercial greenhouses or nurseries.

A systemic with residual action which will be translocated upward. Optimum control achieved when applied prior to egg hatch or target pest. For use on outside ornamentals and turfgrass.

Controls: Aphids, Elm Leaf Beetles, Lacebugs, Leafhoppers, Mealybugs, Sawfly Larvae, Thrips, Whiteflies, White Grub Larvae, Mole Crickets.

0.5G Rates:
Foliar/Soil App: 3.4 Tbsp/1000 sq. ft.
75WP Rates:
Foliar/Soil App: 3.5 Tbsp/100 gal.

REI: 0 HOURS



Must have **Pesticide Applicators License** with specific category required for chemical purchase.

Mesuro! 75WP

Active Ingredient: Methiocarb

Molluscicide/Insecticide. Effectively controls specific pests. Thorough coverage is necessary for maximum control.

Controls: Aphids, Mites, Snails, Slugs.

Rates: Spray: 0.5-2 lbs/150 gal.

REI: 24 HOURS

CHEMICALS

INSECTICIDES

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M-Pede

Active Ingredient: Potassium Salts of Fatty Acids

Insecticide/Miticide/Fungicide. For use on edible and ornamental crops grown outdoors, in greenhouses and interiorscapes. Can be used up to day of harvest on listed vegetables, fruits, herbs, and spices. Provides control of Powdery Mildew.

Controls: Aphids, Caterpillars, Earwigs, Lacebugs, Leafhoppers, Leafminers, Mealybugs, Mole Cricket, Psyllids, Sawfly Larvae, Scale, Spider Mites, Tent Caterpillar, Thrips, Whiteflies and More.

Rates: Foliar Spray: 1-2 gal/100 gal.

REI: 12 HOURS



Must have **Pesticide Applicators License** with specific category required for chemical purchase.



Nicotine Smoke

Active Ingredient: Nicotine Alkaloid

Most effective on greenhouse ornamentals, tomatoes, cucumbers, and lettuce.

Controls: Aphids and Thrips.

Rates: Smoke Generator.

REI: 12 HOURS

Ornamite

Active Ingredient: Propargite

For commercial use only. Miticide. Not systemic, so complete coverage of upper and lower leaf surfaces is necessary for control. See label for phytotoxicity warning.

Controls: Pacific Spider Mites, Southern Red Mite, Two-spotted Spider Mite.

Rates: Spray: 1.75 lbs/100 gal.

REI: 48 HOURS (low exposure), Other: 7 days

Ornazin 3EC

Active Ingredient: Azadirachtin

Botanical insecticide. For use on greenhouse food crops and herbs, ornamental plants including orchids, ornamental trees and shrubs, turf and turfgrass. Controls insects in the larval, pupal, and nymphal stages. Safe for poinsettias after bract formation.

Controls: Aphids, Fungus Gnats, Leafhoppers, Leafminers, Mealybugs, Thrips, Whiteflies, Weevils, Flies, Scale.

Rates: Foliar Spray: 8-10 oz/100 gal. Soil Drench: 8 oz/100 gal.

REI: 12 HOURS

Orthene (Acephate 75)

Active Ingredient: Acephate

Turf/Tree/Ornamental insecticide. Controls more than 40 insect species on more than 100 varieties of indoor and outdoor floral and foliage plants. Orthene controls pests two ways - on contact and through systemic activity that lasts up to 21 days.

Controls: Aphids, Thrips, Whiteflies, Loopers, Armyworms.

Rates: See label.

REI: 24 HOURS

Orthene TR 1300

Active Ingredient: Acephate

For use on commercial greenhouses on bedding plants, cut flowers, flowering hanging baskets, foliage, potted flowering plants, and ornamentals.

Controls: Aphids, Cabbage Loopers, Cankerworms, Fall Webworms, Fungus Gnats, Lacebugs, Leafminers, Leafrollers, Lygus Bugs, Mealybugs, Scale, Spider Mites, Tenet Caterpillars, Trips, Whiteflies, and More.

Rates: Total Release: up to 4500 sq. ft.

REI: 24 HOURS

Pedestal

Active Ingredient: Novaluron

Insect growth regulator. Controls immature stages of target pests. Has no effect on adult stages of insects who have completed all successive molts. Do not apply more than once every 30 days. Do not apply to poinsettias.

Controls: Whiteflies, Thrips, Leafminers, Armyworms.

Rates: Foliar Spray: 6-8 oz/100 gal.

REI: 12 HOURS

Preclude TR

Active Ingredient: Fenoxycarb

Prevents targeted pests from developing into egg laying adults. Should be used in rotation with an adulticide.

Controls: Aphids, Caterpillars, Cutworms, Leafminers, Mealybugs, Mites, Scale, Thrips, Weevils, Whiteflies.

Rates: Total Release: 2 oz can/3000 sq. ft.

REI: 12 HOURS

Pylon

Active Ingredient: 4-bromo-2-(4-chlorophenyl)-1-(ethoxymethyl)-5-(trifluoromethyl)-1H-pyrrole-3-carbonitrile

A miticide for use on ornamental crops and fruiting vegetable crops grown in commercial greenhouses.

Controls: Mites, Caterpillars, Armyworms, Loopers, Foliar nematodes, Fungus gnats, Thrips and more.

Rates: Rates vary - see label.

REI: N/A
Toxic to fish and wildlife. Do not contaminate water.

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within the state of Ohio only to customers with a valid RUP specified Ohio Applicators license.**

Pyreth-It

Active Ingredient: Pyrethrins

For use on growing crops, ornamentals, stored products, livestock, and fruit fly control on harvested fruits and vegetables.

Controls: Ants, Aphids, Armyworms, Beetles, Caterpillars, Crickets, Greenhouse Thrips, Gypsy Moth Adults and Larvae, Hornets, Horseflies, Lice.

Rates: 2-16 oz/1 acre.
Greenhouse: 0.5 tsp/1 gal.

REI: 12 HOURS



Must have **Pesticide Applicators License** with specific category required for chemical purchase.

QUALI-PRO Bifenthrin Nursery 7.9F

Active Ingredient: Bifenthrin

For Commercial Non-Food Use on: Indoor and Outdoor Ornamentals, Greenhouses, Nurseries, Turf on Golf Courses and Sod Farms.

Controls: Aphids, Bagworms, Lacebugs, Caterpillars, Black Vine Weevil, Mites, Centipedes, Crickets, Earwigs, Fungus Gnats, Leafhoppers, Mealybugs, Pillbugs, Spider Mites, Thrips, Weevils, Whiteflies, Fire Ants, Japanese beetles, and more.

Rates: Rates vary - see label.

REI: N/A
Toxic to fish and aquatic organisms.



Must have **Pesticide Applicators License** with specific category required for chemical purchase.

Tame 2.4 EC

Active Ingredient: Fenpropathrin

Insecticide/Miticide. For commercial, non-food use only on ornamental plantings in greenhouses, shadehouses, interiorscapes, outdoor and nursery plantings. Do not apply to chrysanthemums and roses in bloom. May be phytotoxic to poinsettias after bract formation.

Controls: Mites, Lacebugs, Leafhoppers, Whiteflies, Black Vine Weevil, and More.

Rates: Foliar Spray: 5-16 oz/100 gal.

REI: 24 HOURS

Pyrethrum TR

Active Ingredient: Natural Pyrethrum

Labeled for use on 39 insects on 33 vegetables and 94 ornamentals and flowering plants.

Controls: Aphids, Beetles, Cucumber Beetles, Dried Fruit Beetles, Flea Beetles, Cabbage Worms, Fungus Gnats, Hornworms, Leafhoppers, Mealybugs, Mites, Rose Chafers, Rose Slugs, Spider Mites, Spiders, Trogaderma, Thrips, Whiteflies.

Rates: Total Release: 2 oz ca/3000 sq. ft.

REI: 12 HOURS



Imidacloprid 0.5G, 2F, 75WSP

Active Ingredient: Imidacloprid

Insecticide for pest control in turfgrass (excluding sod farms), landscape ornamentals, interior landscapes, fruit & nut trees, golf courses and lawns.

Controls: Aphids, Japanese Beetles, Lacebugs, Leafhoppers, Mealybugs, Psyllids, Sawfly Larvae, Thrips, Whiteflies and More.

Rates: Rates vary, see label.

REI: 12 HOURS

Tame/Orthene TR

Active Ingredient: Fenpropathrin & Acephate

For use on ornamental plants in commercial greenhouses.

Controls: Aphids, Cabbage Loopers, Cankerworms, Fall Webworms, Fungus Gnats, Lacebugs, Leafminers, Leafrollers, Fygus Bugs, Mealybugs, Scale, Spider Mites, Tent Caterpillars, Thrips.

Rates: Total Release: 1500 to 3000 sq. ft.

REI: 24 HOURS



Abemectin 0.15 EC

Active Ingredient: Abemectin

Reliable, long-lasting control of mites and leafminers, along with suppression of whitefly, thrips and aphids on foliage plants, woody ornamentals and Christmas trees.

Controls: Mites, Leafminers, Whitefly, Thrips, Aphids.

Rates: Rates vary, see label.

REI: 12 HOURS

Sanmite

Active Ingredient: 2-tert-butyl-5-4-chloropyridazin-3-1

Miticide/Insecticide. For control on ornamental plants, flowers, and foliage crops. Excellent knockdown and residual control.

Controls: Mites and Whiteflies.

Rates: Mites: 4 oz/100 gal.
Whiteflies: 4-6 oz/100 gal.

REI: 12 HOURS

Tempo SC Ultra

Active Ingredient: Cyano methyl dimethylcyclopropanecarboxylate

For commercial use only. Not registered for greenhouse. Controls crawling, flying and wood-infesting pests for indoor and outdoor surfaces. Also controls insect pests of trees, landscape ornamentals and lawns.

Controls: Ants, Bedbugs, Centipedes, Cockroaches, Crickets, Earwigs, Millipedes, Spiders, Clothes Moths, Flies, Gnats, Mosquitos, Wasps, Yellow Jackets, Beetles, Fruitflies, and More.

Rates: Spray: 45 ml (1.5 oz)/100 gal.

REI: LET DRY THOROUGHLY

CHEMICALS

INSECTICIDES

TetraSan

Active Ingredient: Etoxazole

Miticide/Ovicide. For indoor/outdoor use. TetraSan is a molting inhibitor, affecting mites at all life stages. It stops the development of the eggs and larvae on contact and sterilizes the adults. By stopping mite reproduction, the infestation consistently diminishes over time until it is eliminated.

Controls: Spider Mites at all ages.

Rates: Foliar Spray: 8-16 oz/100 gal.

REI: 12 HOURS

Tristar

Active Ingredient: Acetamiprid

For use on bedding plants, flowers grown for cuttings, foliage plants, potted flowering plants, ornamental trees and non-bearing fruit and nut trees. Do not make more than five applications per year.

Controls: Aphids, European Pine Sawfly, Tentiform Leafminer, Mealybugs, Leafhoppers, Whiteflies, Citrus Thrips.

Rates: Foliar Spray: 1-6 w.s.p./100 gal.

REI: 24 HOURS

Ultra Pure Oil

Active Ingredient: Paraffinic Oil

Insecticide/Miticide/Fungicide. Listed for vegetables, fruits, tree nuts, certain field crops, shrubs, trees, greenhouse plants, ornamental foliage plants and flowers. Can be applied up to day of harvest.

Controls: Aphids, Mites, Beetle Larvae, Leafminer Larvae, Thrips, Leafhoppers, Whiteflies, Scale, Lacebugs, Mealybugs, Plant Bugs, Psyllids, Sawfly Larvae, Eggs of Aphids, Certain Caterpillars.

Rates: Spray: 1-2 gal/100 gal.
Target pest must be completely covered.

REI: 4 HOURS

Wasp Freeze

Active Ingredient: d-trans Allethrin & Phenothrin

Kills wasps and more on contact from 15 feet away. For outdoor use ONLY.

Controls: Bees, Hornets, Spiders, Yellow Jackets, Wasps.

Usage: Hold container upright, stand 6-15 feet from nest and treat until thoroughly wet. Best to treat in evening or early morning.

REI: N/A
Toxic to fish. Do not contaminate water.

X Clude 1600

Active Ingredient: Pyrethrins & piperonyl butoxide technical

For use on potted and flowering plants, foliage, bedding plants, cut flowers and ornamentals in hobby greenhouses, homes, interiorscapes, and landscapes.

Controls: Ants, Aphids, Beetles, Caterpillars, Centipedes, Cockroaches, Crickets, Flies, Fungus Gnats and More.

Rates: Rates vary - see label.

REI: 0 HOURS

CHEMICALS

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INSECTICIDE PRICING

Catalog #	Description	Comments	Size	Pack	Each Prices	
					(EACH)	(CASE)
042-001-501	Abemectin 0.15 EC (Quali-Pro)	Avid	1 qt	4/cs	\$253.45	\$226.15
042-001-510	Abemectin 0.15 EC (Quali-Pro)	Avid	1 gal	4/cs	\$977.58	\$872.30
042-090-001	Acephate Pro 75 (Nufarm)	Orthene	1 lb	12/cs	\$14.65	\$13.49
042-152-516	Adept		1 lb	12/cs	\$171.85	\$153.90
042-101-802	Attain TR		2 oz	12/cs	\$15.17	\$13.58
042-255-132	Avid 0.15EC		1 qt	4/cs	\$387.72	\$347.21
042-255-232	Azatin XL		1 qt	6/cs	\$232.25	\$207.99
042-002-710	Bifenthrin Nursery (Quali-Pro)	Talstar	1 gal	4/cs	\$103.45	\$92.30
042-255-001	Citation (6x 2.66 ounce)		1 lb	8/cs	\$357.00	\$319.70
042-191-032	Conserve SC		1 qt	4/cs	\$140.78	\$126.07
042-210-100	DDVP Smoke		10,000 CF	12/cs	\$128.33/1cs	\$114.93/6cs
042-210-200	DDVP Smoke		20,000 CF	12/cs	\$198.33/1cs	\$177.61/6cs
042-259-350	Deadline MP		50 lb	1/cs	\$147.07	
042-105-020	Decathlon 20WP		8 oz	12/cs	\$77.70	\$69.58
042-102-505	Dimilin 25W		5 lb	8/cs	\$272.67	\$244.18
042-256-016	Dipel Pro DF		1 lb	30/cs	\$17.27	\$15.46
042-192-032	Distance IGR		1 qt	4/cs	\$300.22	\$268.85
042-101-323	Dura Guard ME	*restricted*	1 gal	4/cs	\$225.00	\$201.49
042-104-002	Duraplex TR	*restricted*	2 oz	12/cs	\$14.33	\$12.84
042-256-028	Dursban 50W	*restricted*	28 oz	8/cs	\$40.98	\$36.70
042-300-015	Endeavor		6x 2.5 oz	8/cs	\$193.42	\$173.21
042-257-205	Enstar II		5 oz	24/cs	\$94.70	\$84.81
042-101-811	Flagship 25WG		8 oz	8/cs	\$308.07	\$275.88
042-150-100	Floramite SC		1 qt	8/cs	\$320.22	\$286.76
042-259-625	Gnatrol		2.5 gal	2/cs	\$103.04	\$92.28
042-102-006	Hexygon DF		6 oz	10/cs	\$231.30	\$207.13
042-005-300	Imidacloprid 0.5G (Quali-Pro)	Merit 75 WSG	30 lb	1/cs	\$57.00	\$50.00
042-002-010	Imidacloprid 2F (Quali-Pro)		Merit 75 WSG	1 gal	4/cs	\$387.93
042-075-064	Imidacloprid 75 WSB (Quali-Pro)		Merit 75 WSG	6.4 oz	4/cs	\$135.17
042-090-106	Imida Orn 60 WP (Nufarm)	Marathon	5x20 gram	16/cs	\$231.09	\$214.10
042-090-105	Imida Orn 1% G (Nufarm)	Marathon	5 lb	4/cs	\$87.07	\$80.16

CHEMICALS

INSECTICIDES

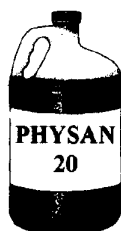
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INSECTICIDE PRICING

Catalog #	Description	Comments	Size	Pack	Each Prices	
					(EACH)	(CASE)
042-120-105	Mantra 1G (Nufarm)	Marathon	5 lb	4/cs	\$87.07	\$80.16
042-120-225	Mantra 2F (Nufarm)	Marathon	250ml	8/cs	\$163.79	\$155.60
042-258-005	Marathon 1% G	see brand equivalents	5 lb	4/cs	\$134.33	\$120.30
042-258-250	Marathon II		250 ml	12/cs	\$343.53	\$307.64
042-258-600	Marathon 60WP (4x 100 grams)		100 gram	4/cs	\$353.73/1cs	\$316.78/4cs
042-259-032	Mavrik		1 qt	12/cs	\$135.52	\$121.36
042-259-530	Merit 0.5 G		30 lb	1/cs	\$105.50/1cs	\$94.48/6cs
042-259-752	Merit 75WP		2.0 oz	8/cs	\$50.88	\$45.57
042-259-756	Merit 75WSP		4x 1.6 oz	4/cs	\$150.55	\$134.82
042-210-002	Mesuroil 75WP	*restricted*	2 lb	4/cs	\$217.40	\$194.69
042-259-925	M-Pede		2.5 gal	2/cs	\$78.13	\$69.97
042-213-100	Nicotine Smoke	*restricted*	10,000 CF	12/cs	\$140.00/1cs	\$125.37/6cs
042-213-200	Nicotine Smoke	*restricted*	20,000 CF	12/cs	\$210.00/1cs	\$188.06/6cs
042-153-002	Ornamite		3 lb	8/cs	\$54.17	\$48.51
042-210-101	Ornazin 3EC		1 qt	6/cs	\$236.12	\$211.45
042-259-016	Orthene 97 (small)		0.773 lb	12/cs	\$15.12	\$13.54
042-101-306	Orthene TR 1300		6 oz	12/cs	\$17.67	\$15.82
042-103-001	Pedestal		1 qt	8/cs	\$264.45	\$236.82
042-102-102	Preclude TR		2 oz	12/cs	\$14.00	\$12.54
042-259-430	Pure Spray Green		1 qt	6/cs	\$17.66	\$15.35
042-110-008	Pylon		1 pt	6/cs	\$540.43	\$483.97
042-101-133	Pyreth-It		1 qt	6/cs	\$100.96	\$90.41
042-101-135	Pyreth-It		1 gal	4/cs	\$363.45	\$325.48
042-101-102	Pyrethrum TR		2 oz	12/cs	\$15.17	\$13.58
042-259-914	Sanmite		4x 1 oz	16/cs	\$115.32/1cs	\$103.27/4cs
042-259-432	Tame 2.4 EC	*restricted*	1 qt	12/cs	\$170.02	\$152.25
042-260-010	Tame/Orthene TR		1 lb	12/cs	\$14.00	\$12.54
042-259-424	Tempo SC Ultra		240 ml	12/cs	\$52.08	\$46.64
042-100-800	Tetrasan		4x 2 oz	5/cs	\$108.43	\$97.10
042-101-906	Tristar Pouch		6x 0.564 oz	16/cs	\$194.50	\$174.18
042-259-426	Ultra Pure Oil		2.5 gal	2/cs	\$58.65	\$54.15
042-259-715	Wasp Freeze		17.5 oz	12/cs	\$7.63	\$6.84
042-101-616	X Clude 1600		20 oz	12/cs	\$11.88	\$10.64

CHEMICALS

Algaecides



Physan 20

Use Physan 20 to clean all surfaces in the greenhouse including floors, benches, tools, pots and flats. Not harmful to birds or animals, but is toxic to fish.

Active Ingredient: Benzylkonium chloride
Controls: Botrytis, Powdery Mildew, Erwinia, Pseudomonas, Algae, Fungus and more.
Rate: Spray: 21-128 oz/100 gal.



Green-Shield

Use Green-Shield to clean all surfaces in the greenhouse including floors, benches, walkways, tools, pots and flats. Toxic to fish. Not labeled for use in California.

Active Ingredient: Benzylkonium chloride
Controls: Fungal, bacterial and viral plant pathogens, bacterial and fungal leaf rots, slime forming fungi, odor-causing bacteria and algae.
Rate: Rates vary, see label.

Catalog #	Description	Size	Pack	EACH PRICE	CASE (EACH) PRICE
044-202-028	Physan 20	1 gallon	4/case	\$36.88	\$33.03
044-202-030	Physan 20	30 gallon drum	1/case	\$958.33	\$858.21 (2 drums)
044-250-128	Green Shield	1 gallon	4/case	\$36.88	\$33.03
044-250-030	Green Shield	30 gallon drum	1/case	\$958.33	\$858.21 (4 drums)

Peroxides

Perpose

Use in greenhouses, nurseries, golf courses, landscapes, interiorscapes and more. Loosens compacted soil, nutrient uptake increases, healthier root systems, increased plant vigor. Clear and odorless. Not harmful to people, pets, plants or the environment when used according to the label.

Active Ingredient: Hydrogen Dioxide/Peroxide
Controls: Scale build-up on pipes, holding tanks, fog/mist heads and filters.
Can be applied by: Foliar, Drench, Chemigation, Mist/Fog, Drip Systems.

Zerotol GH/N/T

A treatment for the prevention and control of horticultural diseases in commercial greenhouses, garden centers, landscapes, nurseries and interiorscapes. Formulated with a minimal surfactant. Works on contact, not long term.

Active Ingredient: Hydrogen Dioxide
Controls: Algae, Anthracnose, Black Spot, Botrytis, Downy Mildew, Fusarium, Leaf Spot, Pseudomonas, Pythium and more.
Can be applied by: Foliar, Drench, Drip Systems.

Catalog #	Description	Size	Pack	EACH PRICE	CASE (EACH) PRICE
039-200-050	Perpose	5 gal	48/plt	\$151.78	\$136.60/full plt
039-200-150	Perpose	15 gal	9/plt	\$455.38	\$409.84/full plt
039-200-300	Perpose	30 gal	5/plt	\$908.98	\$818.08/full plt
039-200-550	Perpose	55 gal	4/plt	\$1,398.33	\$1,258.49/full plt
039-200-990	Perpose Drum Pump w/ Adapter Fits 15-55 gallon	n/a	1/cs	\$73.85	
039-272-500	Zerotol GH/N/T	2.5 gal	2/cs	\$170.92	\$162.77

Rooting Compounds

Dip & Grow

Develops new root growth on all types of cuttings from soft woods (bedding plants) to hardwoods (junipers).

Read label for specific mixing instructions.
Active Ingredient: IBA & NAA



Essential Plus

A natural rooting hormone that stimulates plant growth, rooting and makes plants strong and healthy. Humic acid is also included for improving and enhancing soil quality. Safe for all varieties of annuals, perennials, herbs and vegetables.



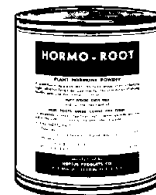
Hormodin

Hormodin1: 0.1% IBA.

Used for soft wood cuttings such as geranium, ivy, mums, poinsettias, pothos, pachysandra and hydrangea.

Hormodin2: 0.2% IBA.

Used for semi-hard and hard wood cuttings such as azalea, junipers, hemlock, rose, wisteria and yews.



Catalog #	Description	Size	Pack	EACH PRICE	CASE (EACH) PRICE
044-110-016	Dip & Grow	16 ounce	12/case	\$37.19	\$33.42
044-110-128	Dip & Grow	1 gallon	4/case	\$215.27	\$193.43
044-020-110	Essential Plus	1 quart	12/case	\$19.20	\$17.69
044-020-101	Essential Plus	1 gallon	4/case	\$75.01	\$69.24
044-020-125	Essential Plus	2.5 gallon	2/case	\$184.85	\$170.64
044-120-120	Hormodin 1	1 pound	12/case	\$20.60	\$18.51
044-120-125	Hormodin 2	1 pound	12/case	\$20.84	\$18.72

Spray Aids

CapSil

CapSil is advanced spray adjuvant technology that safely ensures outstanding leaf wetting and penetration. It also helps reduce stress from transport and sticking.

Foam Fighter

Add to spray water before adding chemical. Prevents foam from building up in the sprayer tank. Apply 1-3 squirts/tank.



Nu-Film 17

A sticking-extending agent that improves deposition of chemicals on plant surfaces. Guards against UV degradation of pesticides and its removal by rain or abrasion. Needs 1 hour to dry. Apply 6-8 oz/100 gal.

Spray Aide

This agent is designed to improve spray tank compatibility of pesticides, to lower the pH of spray tank water of liquid fertilizer solutions and as a spreader for use with pesticides.



Vapor Guard

An emulsible organic concentrate which after drying on leaf surfaces forms a flexible film which significantly reduces moisture loss through the plants foliage.



Catalog #	Description	Size	Pack	EACH PRICE	CASE (EACH) PRICE
038-130-100	Capsil	1 gallon	4/case	\$113.33	\$101.49
038-700-032	Foam Fighter	1 quart	12/case	\$11.42	\$10.22
038-161-728	Nu-Film 17	1 gallon	4/case	\$52.92	\$47.39
038-160-028	Spray Aide	1 gallon	4/case	\$44.42	\$39.78
038-160-528	Vapor Guard	1 gallon	4/case	\$60.33	\$54.03



The Natural Solution to
Garden & Pest Problems

Orcon

Beneficial Insects

Control what's bugging you, naturally



OUT OF WAREHOUSE PROGRAM

Customer buys the MAIL BACK CARD F.O.B. Perrysburg, OH.

Customer mails post-paid card when ready to receive live (dormant) Beneficial Insects.

Item #	Description	Qty	Price/Card
LB-M1500	LADYBUGS Predator for aphids	1500 adults	\$11.25
PM-M3	PRAYING MANTIDS General prevention	3 egg masses	\$13.25
BN-M7M	BENEFICIAL NEMATODES Microscopic organism attacks soil dwelling & wood boring insects	7 million	\$27.85
FD-M7M	FLEA DESTROYER Attacks flea larvae	7 million	\$27.85
DS-M100	DECOLLATE SNAILS Attacks brown garden snails and their eggs	100 adults	\$41.50
DP-M25	DELPHASTUS PUSILLUS Predator beetles for white fly	25 adults	\$22.75
EW-M5LB	EARTHWORMS Soil improvement & compost additive	5 lbs (1800-2000 worms/lb)	\$108.50
EW-M1LB		1 lb 1800-2000 worms/lb	\$31.75
GL-M1000	GREEN LACEWINGS Predator for aphids, mealy bugs, thrips, mites, etc.	1000 eggs	\$16.75
TR-M3SQ	TRICHOGRAMMA Attacks most caterpillars	12000 eggs	\$16.75
EF-M1000	ENCARSIA FORMOSA For greenhouse varieties of whitefly	1000 eggs	\$41.75
MI-M2000	PREDATORY MITES Predator for many mites including red spider & two spotted	2000 adults	\$58.50
CM-M100	CRYPTOLAEMUS Predator beetle for mealy bugs	100 adults	\$41.75
FP-M5000	FLY PARASITES Parasite for large fly problems	5000 eggs	\$30.00

CHEMICALS



The Natural Solution to
Garden & Pest Problems

Orcon

Beneficial Insects

Control what's bugging you, naturally



DROP SHIP PROGRAM - Freight Paid

SHIP LIVE (DORMANT INSECTS) - SOLD BY CASE

Item #	Description	Qty	Units/CS	Case Price
LB-R1500	LADYBUGS	1500 adults	20	\$98.88
LB-R1500L	Predator for aphids	1500 adults	48	\$237.33
PM-R2	PRAYING MANTIDS General prevention	2 egg masses/ cup	20	\$110.00
FD-R7M	FLEA DESTROYER Attacks flea larvae	7 million units	10	\$145.77
BN-R7M	BENEFICIAL NEMATODES Microscopic organism attacks soil dwelling & wood boring insects	7 million units	10	\$145.77
DS-R50	DECOLLATE SNAILS Attacks brown garden snails and their eggs	50 live adults	12	\$130.66
EW-R200	EARTHWORMS Soil improvement & compost additive	200 min/cup (larger qty avail. Call for info)	6	\$45.50

BUY CARDS-MAIL IN FOR SHIPMENT - SOLD BY CASE

Item #	Description	Qty	Units/CS	Case Price
DP-R25	DELPHASTUS PUSILLUS Predator beetles for white fly	25 live adults	5	\$58.75
TR-R3SQ	TRICHOGRAMMA Attacks most caterpillars	12000 eggs	5	\$52.80
GL-R1000	GREEN LACEWINGS Predator for aphids, mealy bugs, thrips, mites, etc.	1000 eggs	5	\$52.80
CM-R100	CRYPTOLAEMUS Predator beetle for mealy bugs	100 live adults	5	\$122.25
AM-R5000	APHYTIS MELINUS Parasite for various armored scales	5000 live adults	5	\$122.25
FP-R5000	FLY PARASITES Parasite for large fly problems	5000 eggs	5	\$100.00
EF-R1000	ENCARSIA FORMOSA For greenhouse varieties of whitefly	1000 adults	5	\$100.00
MI-R2000	PREDATORY MITES Predator for many mites including red spider & two spotted	2000 live adults	5	\$161.50