

# ATTENTION:

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The prices contained on the following catalog pages reflect the current pricing at the time of printing. (12/09)

When placing an order, please make sure to check with the Griffin representative as to the current prices.

**Thank you,**



# Fungicides

## Actinovate SP



### Active Ingredient: Streptomyces lydicus

Biological fungicide. As a soil drench it protects plants from diseases such as: Pythium, Phytophthora, Rhizoctonia and Fusarium. As a foliar spray it suppresses diseases such as Alternaria, Botrytis and Powdery mildew. Labeled for ornamental and many vegetable crops in greenhouses, interiorscapes, outdoor nurseries and turf. Vegetable uses are for the greenhouse only. **Foliar sprays:** ½-1 tsp. per gal. or 6-12 oz. per gal. **Drench rates** 4-6 oz. per 100 gallons. **OMRI Listed.**

ITEM #	DESCRIPTION	PRICE
31007318	18 oz. Actinovate SP	\$104.65

## Actino-iron



### Active Ingredient: Streptomyces lydicus

Actino-iron is a granular biological fungicide for pre-incorporation into soil mixes at a rate of 5 lbs. per cubic yard. It can also be top dressed at the rate of 3 oz per cubic foot of potting media. For preventative control of root pathogens including: Fusarium, Phytophthora, Pythium, Rhizoctonia and Verticillium. Actino-iron also contains humic acid and iron fulvate. These components are said to enhance plant growth by chelating micro-nutrients and by other means. Labeled for ornamentals and vegetables. **OMRI Listed.**

ITEM #	DESCRIPTION	1-19	20-39	40-UP
71-1100	50 lb Actino-iron	\$88.95	\$80.06	\$75.61

## Aliette 80% WDG



### Active Ingredient: Aluminum Tris (Fosetyl-AI)

Fungicide used as a soil drench and a foliar spray. Controls Pythium, Phytophthora, and Downy mildew. Can be used on certain ornamentals in greenhouses, nurseries, and landscapes. **Foliar Sprays:** 2.5-5 tsp per gal or 2.5 to 5.0 lbs per 100 gallons. **Drench rates:** 6.4 to 12.8 oz per 100 gallons.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-11351	5 lb. Aliette 80%	\$163.98	\$147.58	\$139.38

## Alude



### Active Ingredient: Mono- and di-potassium salts of Phosphorous Acid

Alude is a true systemic fungicide labeled for Pythium, Phytophthora and Downy mildew and others. Labeled sites include ornamentals in greenhouses, commercial landscapes, nurseries, and turf. Methods of application vary by crop including foliar sprays, soil drenches, soil incorporation and dipping. Alude works by stimulating the natural defenses of plants. **Rates:** Foliar sprays are recommended for most uses and are applied at the rate of 2 to 4 tsp per gal., or 32-64 oz. per 100 gal. **Drench Rate:** 6-12 oz. per 100 gal.

ITEM #	DESCRIPTION	1	2-3	4-UP
71-2760	2.5 gal. Alude	\$265.65	\$239.09	\$225.80

## Banner Maxx



### Active Ingredient: Propiconazole

Broad spectrum translaminar systemic for use on ornamentals in outdoor landscape and nursery plantings. It is also labeled for several turf diseases. Ornamental diseases controlled include: Alternaria, Anthracnose, Blackspot (Diplocarpon rosae), Cercospora, Powdery mildew, Rhizoctonia, Rust, Scab and Septoria. Rates range from 2-24 oz per 100 gallons but the most common rate is ½ tsp per gallon or 8 oz per 100 gallons as a foliar spray.

ITEM #	DESCRIPTION	1	2-3	4-UP
71-2971	1 gal. Banner Maxx	\$400.89	\$360.80	\$340.76
71-29711	10 gal. link pak	\$2,490.00		

## Banrot 40% WP



### Active Ingredient: Etridiazole and Thiophanate-methyl

Broad spectrum fungicide for control of damping off, root and stem diseases caused by Pythium, Phytophthora, Rhizoctonia, Fusarium and Thielaviopsis in ornamental and nursery crops. **Rate:** Bedding plants 4-8 oz./100 gal. apply to 800 sq. ft. Container and bed grown 6-12 oz./100 gal. apply to 400 sq. ft. Irrigate immediately with additional water equal to at least half the volume of fungicide drench. **Restricted use pesticide in CT & NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-1210	2 lb. Banrot 40%	\$83.45	\$75.11	\$70.93

## Banrot 8 G



### Active Ingredient: Etridiazole and Thiophanate-methyl

Control of damping off, root and stem rot diseases caused by Pythium, Phytophthora, Rhizoctonia, Fusarium and Thielaviopsis in ornamental and nursery crops. Labeled for use in greenhouse, nursery, landscape and interiorscape. **Rate:** Bedding Plants 8 oz. / cu. yd. Container and bed grown plants 16 oz. / cu. yd. Not for top-dress applications. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1215	40 lb. Banrot 8G	\$444.36	\$399.92	\$377.71

## Camelot



### Active Ingredient: Copper salts of fatty and rosin acids

Copper based fungicide/bactericide. Controls Anthracnose, Alternaria, Cylindrocladium, Powdery mildew, certain bacterial leaf spots and more. For use in greenhouses, outdoor nurseries and landscapes. Some edible crops are on the label. Avoid contact with metal surfaces. **Foliar Spray Rates:** 1 lbs. per gal. or 3 pt. per 100 gal.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
70-21201	1 gal. Camelot	\$115.57	\$104.01	\$98.23

## Chipco 26 GT-0



### Active Ingredient: Iprodione

Flowable form of iprodione. Labeled for ornamentals in greenhouses or outdoors plus conifer nurseries. Effective against Alternaria, Botrytis, Rhizoctonia and other diseases. **Foliar spray rates:** ¼ to ½ tsp per gal or 1 to 2.5 qts per 100 gals. **Drench rate for Rhizoctonia only:** 13 oz per 100 gallons. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-2400	1 gal. Chipco 26GT-O	\$175.69	\$158.12	\$149.34

## Cease



### Active Ingredient: Bacillus subtilis QST 713 strain

Mycofungicide with a bacteria, Bacillus subtilis QST 713, as the active ingredient. Provides preventative control of certain fungal and bacterial diseases such as: Alternaria, Botrytis, Powdery mildew, Downy mildew, Erwinia, Pseudomonas and Xanthomonas leaf spots and others. Cease is labeled for field and greenhouse use on ornamentals and several vegetable crops. There is a 0 day PHI for edible crops that appear on the label. **Rates** range from 1.25- 2.5 oz. per gallon, or 1-2 gals. per 100 gals. Cease can be used as a soil drench (greenhouses only) to suppress root rots such as Fusarium, Pythium, Phytophthora and Rhizoctonia at the rate of 32-128 oz. per 100 gal. **OMRI listed.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1330	1 gal. Cease	\$53.13	\$47.82	\$45.16

### Chipco 26019 N/G



#### Active Ingredient: Iprodione

Wettable powder form of Iprodione. Labeled for greenhouse and outdoor ornamentals. Effective against Alternaria, Botrytis, Rhizoctonia and others. **Drench rates** for Rhizoctonia: 6.5 oz. per 100 gallons. **Foliar Spray Rates:** 1.33 to 2.66 tsp. per gal., or 1-2 lbs. per 100 gallons. **Restricted Use Pesticide in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-13501	2 lb. Chipco 26019 N/G	\$101.26	\$91.14	\$86.07

### Cleary's 3336G



#### Active Ingredient: Thiophanate-Methyl

Granular form labeled for: greenhouses, interiorscapes, landscapes, nurseries and turf. May be incorporated into soil or top dressed. For control of: Cylindrocladium, Myrothecium, Rhizoctonia, Sclerotinia, Thielaviopsis and others. See label for rates. **Restricted Use Pesticide in NY.**

ITEM #	DESCRIPTION	1-24	25-49	50-UP
311472G	30 lb. Cleary's 3336-G	\$77.54	\$69.78	\$65.91

### Cleary's 26/36



#### Active Ingredient: Iprodione and Thiophanate-methyl

26/36 is a combination of the active ingredients from Cleary's 3336 and Chipco 26019. This product has a broad label that lists control of over a dozen foliar diseases when applied as a foliar spray. Rhizoctonia is also controlled when applied as a soil drench. Cleary's 26/36 can be used on turf, field and greenhouse grown ornamentals and landscapes. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1	2-3	4-UP
71-2500	2.5 gal. 26/36	\$603.75	\$543.38	\$513.19

Cleary's 26/36 per 100 gallon foliar spray rate	32 oz per 100 gallons	64 oz per 100 gallons
Maximum gallons spray per acre	262 gallons per acre	131 gallons spray per acre
Cleary's 26/36 rate per gallon foliar spray rate	0.32 oz or 1.92 tsp per gallon	0.64 oz or 3.84 tsp per gallon
Maximum gallons spray per 1,000 sq. ft.	6 gallons per 1,000 sq. ft.	3 gallons per 1,000 sq. ft.

Please note that the chart above includes maximum spray volume to make sure the user stays in compliance with the label

### Cleary's 3336-F



#### Active Ingredient: Thiophanate-Methyl

Systemic fungicide for use on ornamentals in greenhouses, landscapes, interiorscapes and outdoor nurseries. Foliar spray, dip and drench applications can be made. Controls Anthracnose, Cylindrocladium, Rhizoctonia, Sclerotinia, Thielaviopsis and others. **Foliar Spray Rates:** - .5 to 1.5 tsp per gal. or 8-24 oz. per 100 gal., dip- 1-1.5 tsp per gal. or 16-24 oz. per 100 gal., **Drench-** ½ to 1 tsp per gal. or 8-16 oz. per 100 gal. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-2575	1 qt. Cleary's 3336-F	\$77.28	\$69.55	\$65.69
		1-3	4-7	8-UP
71-2580	1 gal. Cleary's 3336-F	\$259.21	\$233.29	\$220.33
		1	2-3	4-UP
71-2585	2.5 gal. Cleary's 3336-F	\$495.08	\$445.57	\$420.81

### Cleary's 3336-WP



#### Active Ingredient: Thiophanate-Methyl

Systemic fungicide for use on ornamentals in greenhouses, landscapes, interiorscapes and outdoor nurseries. Foliar spray, dip and drench applications can be made. Controls: Anthracnose, Cylindrocladium, Rhizoctonia, Thielaviopsis and others. **Foliar spray rates:** 1.5-4.5 tsp per gal or 8-24 oz per 100 gal. **Drench rates:** 8-16 oz per 100 gal. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-2565	2 lbs. (4 x 8 oz WSP) 3336WP	\$56.35	\$50.72	\$47.90
71-2555	48 lbs. (48 x 1 lb WSP) 3336WP	\$1,207.50		

### Clevis



#### Active Ingredient: Myclobutanil + Mancozeb

Systemic and contact fungicide for the control of many foliar diseases including: Alternaria, Anthracnose, Botrytis, Cercospora, Powdery mildew, Phomopsis, Scab, Septoria, Rust and others. It is a combination of the active ingredients found in Eagle and Protect DF. Labeled for ornamentals in greenhouse or outdoor nurseries. Packaged in 8 oz water soluble packets. One pkt per 25 gallons of water. **Not registered in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-1370	2lb. (4 x 8 oz. WSP) Clevis	\$21.68	\$19.51	\$18.43

### Companion Liquid



#### Active Ingredient: Bacillus subtilis GB03

Biofungicide based on Bacillus subtilis GB03. For use on ornamentals and certain edible crops for the control of root, stem and foliar diseases. Some diseases controlled include: Alternaria, Botrytis, Fusarium, Powdery mildew, Pythium and Rhizoctonia. Foliar spray rates: 4 tsp per gal or 32 oz per 100 gal. Drench rates: 1 tsp per gal or 16 oz per 100 gals. Repeat at 14-28 day intervals. The label contains instructions for re-circulated water systems.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1375	1 gal. Companion Liquid	\$124.52	\$112.07	\$105.84
		1	2-3	4-UP
71-1376	2.5 gal. Companion Liquid	285.58	257.02	242.75
71-1377	5 gal. Companion Liquid	547.50	492.75	465.37
71-1378	30 gal. Companion Liquid	3,120.74	2,808.67	2,652.63

### Compass 50 WDG



#### Active Ingredient: Trifloxystrobin

Broad spectrum strobilurin foliar disease control for nursery, greenhouse, and interiorscape. Compass provides long residual control of many foliar diseases including Downy mildew, Powdery mildew, Botrytis, Rust, Black spot and many other leaf spot and blight diseases. Do not use with an organosilicone surfactant such as CapSil. **Rate:** 1-4 tsp/10 gal. or 1 to 4 oz. per 100 gal. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
70-11891	1 lb. Compass 50 WDG	546.60	491.94	464.61

### Daconil Ultrex 82.5%



#### Active Ingredient: Chlorothalonil

A broad spectrum fungicide containing water dispersible granules for easy mixing. Controls Leaf spot, Botrytis, Rust, Blackspot, Powdery mildew and others on ornamental and flowering plants. **Rate:** 1 tbs. per gal. or 1.4 lbs. per 100 gals. 12 hr REI with additional WPS requirements in effect for the next 6.5 days. Consult label for details. **Restricted Use Pesticide in MA.**

ITEM #	DESCRIPTION	PRICE
71-1420	5 lb. Daconil Ultrex 82.5%	\$38.75

**Daconil Weather-stik 54%** 

**Active Ingredient: Chlorothalonil**

A broad spectrum flowable fungicide for the control of foliar diseases such as Alternaria, Anthracnose, Botrytis, Cercospora, Powdery mildew, Rusts, Scabs and others. Additional WPS requirements stay in effect for an additional 6.5 days. **Rates:** 1/3 tsp. per gal. or 22 oz. per 100 gals. **Restricted Use Pesticide in MA.**

ITEM #	DESCRIPTION	1-UP
3117025	2.5 gal. Daconil Weather Stik 54%	\$141.25

**Decree 50 WDG**  

**Active Ingredient: Fenhexamid**

Decree provides long residual control of Botrytis with minimal visible residue and excellent plant and bloom safety. Several edible crops are on the label. **Rate:** 1-1½ tsp per gal., or .75-1.5 lbs. per 100 gal.


ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1440	2.5 lb. Decree WDG	\$284.74	\$270.50	\$242.03

**NEW Dithane 75 DF Rainshield**  

**Active Ingredient: Mancozeb**

Broad spectrum mancozeb fungicide labeled for vegetables in greenhouses including late blight of tomatoes. Dithane 75 DF Rainshield is not labeled for ornamentals but Protect DF has the same active ingredient and is labeled for many ornamentals. **Foliar spray rates:** 2.25-4.5 tsp per gallon or 0.75-1.5 lbs per 100 gallons for most uses.


ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1450	12 lbs Dithane 75 DF Rainshield	\$68.97	\$62.08	\$58.63

**Eagle 20 EW** 

**Active Ingredient: Myclobutanil**

Foliar fungicide for the control of Powdery mildew, Rust, Scab and other diseases. Can be used on ornamentals outdoors and in greenhouses, along with some fruit trees and vine crops. Eagle is locally systemic, with curative and protectant activity. **Rates:** ½ to ¾ tsp per gal., or 6-12 oz. per 100 gals. **Restricted Use Pesticide in NY.**

ITEM	DESCRIPTION	1-2	3-5	6-UP
71-1435	1 pt. Eagle 20 EW 19.7%	\$64.43	\$57.99	\$54.77

**Exotherm Termil** 

**Active Ingredient: Chlorothalonil**

Smoke generator for the control of: Alternaria, Anthracnose, Botrytis, Powdery mildew, Rusts, Scab and many other foliar diseases on greenhouse ornamentals. One can treat 1000 sq ft. Ventilation criteria on the label must be met in addition to 12 hour REI. 12 hr REI with additional WPS requirements for the next 6.5 days. Consult label for details. **Restricted Use Pesticide.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1585	Exotherm Termil 20% 24/cs	\$112.70	\$101.43	\$95.80


**Endorse** 

**Active Ingredient: Polyoxin D zinc salt**

Endorse 2.5% WP ornamental fungicide is considered a biopesticide by EPA. It is a translaminar systemic when applied as a foliar spray for Botrytis, Anthracnose and Powdery mildew. As a soil drench it is effective against Rhizoctonia.

ITEM #	DESCRIPTION	1	2-3	4-UP
70-1499	4.4 lb. Endorse	\$146.51	\$131.86	\$124.53

Application	Labeled Diseases	Rates per gallon	Rates per 100 gallons	Re-application interval
Foliar Spray	Anthracnose, Botrytis, Powdery Mildew	1-2 TBLS	1.1-2.2	7-10 days
Soil Drench	Rhizoctonia	1-2 TBLS	1.1-2.2	14-28 days

**Fenstop** 

**Active Ingredient: Fenamidone**

Fenstop is a new fungicide for ornamentals that can be applied as a drench or a spray depending on what pathogen needs to be controlled. Foliar sprays control Downy mildew and aerial Phytophthora. For Pythium or Phytophthora of the root or crown area apply as a soil drench. **Rates:** Foliar spray and drench rates are 1/2 to 1 tsp per gallon or 7 to 14 oz per 100 gallons and it can be re-applied at 28 day intervals if needed. **Not registered in NY.**

ITEM #	DESCRIPTION	1-2	3-5	6-UP
71-1480	1 qt. Fenstop	\$263.41	\$237.07	\$223.90

**Fungaflor TR** 

**Active Ingredient: Imazalil**

Fungaflor is a dry micro total release (TR) aerosol, fungicide for systemic control of several diseases on ornamental plants grown in greenhouses only. Crops include bedding plants, herbaceous perennials, foliage plants, cut flowers and woody ornamentals (see label for specifics). Diseases controlled include: Alternaria leaf spot, Botrytis, powdery mildews and rusts. One 2 oz. canister treats up to 1500 sq ft for Alternaria, but two canisters are required for other diseases. Up to 8 applications at 7 day intervals are permitted per crop, but rotate to a fungicide with a different MOA after 4 applications. **Not registered in NY.**

ITEM #	DESCRIPTION	1-4	5-9	10-UP
71-1592	12-2 oz. canisters Fungaflor TR	\$204.79	\$184.31	\$174.07

**Heritage** 

**Active Ingredient: Azoxystrobin**

Broad-spectrum residual control. Strobiluron fungicide labeled for use as a foliar spray, drenches on ornamentals in greenhouses, container or field-grown crops and other locations. Controls many diseases including: Alternaria, Botrytis, Cercospora, Downy mildew, Powdery mildew and Scab. **Rates: Foliar spray-** 1 to 4 oz. per 100 gal., **Drench** .2 to .9 oz. per 100 gal. Trial surfactants with Heritage for safety before use. **Restricted Use Pesticide in VT.**

ITEM #	DESCRIPTION	1-9	10-19	20-UP
71-1404	4 oz. Heritage 50% WDG	\$182.57	\$164.32	\$155.19

		PRICE
71-1400	1 lb. Heritage 50% WDG	309.00
71-1405	6 lb. Heritage 50% WDG	1,854.00

### Hurricane



#### Active Ingredient: Fludioxonil and Mefenoxam

Root and stem rot fungicide that contains the active ingredients from Subdue Maxx and Medallion. Labeled to control Phytophthora, Pythium and Rhizoctonia as a soil drench or pre-incorporation treatment. One 1.5 oz packet treats 100 gallons of drench water (see label for pre-incorporation rates). Tank mixing with Medallion at 1 oz per 100 gallons adds control for: Cythindrocladium, Fusarium, Thielaviopsis and Sclerotium. Labeled for use on certain ornamentals in greenhouses, interiorscapes and other enclosed structures. Under certain conditions drench applications may allow for immediate re-entry into treated areas. See label for details. May be re-applied at 21-28 day intervals.

ITEM #	DESCRIPTION	PRICE
71-1475	12 oz. ( 8 x 1.5 oz WSP) Hurricane	\$142.20

### Kleengrow



#### Active Ingredient: Didecyl dimethyl ammonium chloride

A uniquely blended 5th generation quaternary ammonium compound for controlling algae, fungal and bacterial pathogens on ornamentals, cut flowers and nursery stock in greenhouses. Foliar sprays control: Botrytis, Downy mildew, certain bacterial leaf spots and others. Soil drenches control: Pythium, Phytophthora, Rhizoctonia and Thielaviopsis. Rates: Foliar sprays- 0.06 - 0.25 fl oz per gal or 6 - 25 fl oz per 100 gals. Drench- 12.5 - 50 ozs per 100 gallons. Best used preventatively. REI does not apply to hard surface treatments.

ITEM #	DESCRIPTION	PRICE
74-21101	1 gal. Kleengrow	\$51.97
74-21151	5 gal. Kleengrow	226.87
74-21301	30 gal. Kleengrow	1,185.75

### Medallion 50 WP



#### Active Ingredient: Fludioxonil

Residual contact fungicide labeled for use on ornamentals in greenhouses and other enclosed structures. Labeled as a soil drench for Rhizoctonia, Sclerotium, Thielaviopsis and others. Foliar diseases controlled include: Alternaria, Botrytis, Cercospora, and Myrothecium. Rates: Foliar sprays- 1-4 ozs. per 100 gal., Drenches- 1-2 ozs. per 100 gal. Restricted use pesticide in NY.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-1650	8/1 oz. Medallion	\$208.91	\$188.02	\$177.58
71-16501	32/5 oz. Medallion	2,280.00		

### Milstop



#### Active Ingredient: Potassium bicarbonate

Fast acting broad-spectrum foliar fungicide. Especially effective as a quick knockdown of Powdery mildew. Good plant safety, with little visible residue. Formulated with a surfactant. Controls Alternaria, Anthracnose, black spot, Botrytis, Powdery mildew and others on ornamentals and certain edible crops. Foliar Spray Rates: 1-2 tbs. per gal. or 2.5 - 5 lbs. per 100 gal. OMRI Listed.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-2879	5 lb. Milstop	\$55.55	\$49.99	\$47.21

### OHP 6672 L



#### Active Ingredient: Thiophanate-Methyl

Systemic fungicide for use on ornamentals in greenhouse or field applications. May be applied as a foliar spray, soil drench, or pre-plant dip for certain crops. Controls: Anthracnose, Cythindrocladium, Rhizoctonia, Sclerotina, Thielaviopsis and others. Rates: Foliar sprays .5 to 1.5 tsp per gal., 10-20 fl oz. per 100 gal. Drench treatments: 20 oz. per 100 gal. Restricted use pesticide in CT & NY.

ITEM #	DESCRIPTION	1	2-3	4-UP
71-2670	2.5 gal. OHP 6672 L	\$496.13	449.30	424.34

### OHP 6672 WSP



#### Active Ingredient: Thiophanate-Methyl

Systemic fungicide for use on ornamentals in greenhouse, nursery, interiorscape or landscape applications. May be applied as a foliar spray, soil drench, or pre-plant dip for certain crops. Controls: Anthracnose, Cythindrocladium, Rhizoctonia, Sclerotina, Thielaviopsis and others. Rates: Foliar sprays 1 to 3 tsp /gal., 8-24 oz. per 100 gal. Drench treatments: 12-16 oz. per 100 gal. Restricted use pesticide in CT & NY.

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-2672	2 lb. (4x8 oz. WSP) OHP 6672	\$51.02	\$45.92	\$43.37

### Pageant WDG



#### Active Ingredient: Pyraclostrobin and Boscalid

Pageant is a new fungicide with broad spectrum disease control for ornamental plants grown in greenhouses, interiorscapes, nurseries and landscapes. Labeled as a spray, drench and bulb dip for control of foliar, stem and root diseases including: Botrytis blight, Anthracnose, Rust, Alternaria leaf spot, Powdery and Downy mildews and aerial blights, root and crown rots caused by Fusarium, Sclerotinia and Rhizoctonia. Excellent rotational fungicide for Botrytis. Rates vary from 1/2 to 1.5 tsp / gal or 6 - 18 oz/100gal at spray intervals of 7 - 14 days and drench rates vary from 1 to 1.5 tsp/gal or 12 - 18 oz/100gal at intervals of 7 - 21 days. Do not use in conjunction with organo-silicon surfactants such as CapSil. Good plant safety. Do not apply to wintercreeper, nine-bark. Flower spotting has occurred on impatiens and petunia flowers. Restricted use pesticide in NY.

ITEM #	DESCRIPTION	PRICE
71-2680	1 lb. Pageant WDG	\$71.00

### OxiDate



#### Active Ingredient: Hydrogen dioxide and Peracetic acid

Bactericide/Fungicide effectively kills algae, bacteria and fungi on contact. Labeled for use on field grown crops, commercial vegetable greenhouse production and storage sites. Labeled for direct injection applications. Foliar Spray Rates: .5- 2.5 oz. per gal. or 48- 128 oz. per 100 gal. Same active ingredient as Zerotel. Certain use patterns allow for a zero hour REI, consult the label for the full list. OMRI Listed.

ITEM #	DESCRIPTION	1	2-3	4-UP
74-5050	2.5 gal. OxiDate	\$131.26	\$118.14	\$111.57

### Phyton 27



#### Active Ingredient: Copper Sulphate Pentahydrate

Copper based bactericide & fungicide. Systemic control of Botrytis, Powdery mildew, Erwinia, and many other pathogens. Apply as a spray or soil drench. Spray rate: 1.3 - 5.0 oz. per 10 gal.; Soil Drench Rate 1.5 - 3.5 oz. per 10 gal.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-2730	1 ltr. Phyton 27 21.36%	\$111.21	\$100.09	\$94.53
71-2735	1 gal. Phyton 27 21.36%	386.23	347.61	328.29

### PlantShield HC



#### Active Ingredient: Trichoderma harzianum Rifai strain KRL-AG2

Biological fungicide. Apply as drench to soil for seedlings and transplants: material activity grows onto plant roots as they develop providing prolonged protection against Pythium, Rhizoctonia and Fusarium. In the greenhouse apply as foliar spray on ornamentals, material becomes established on leaves and blossoms and suppresses pathogens such as Botrytis and Powdery mildew. Must be used prior to disease onset. Drench Rate: 4 oz./ 100 gal. water; Spray Rate: .25 oz./gal. water every 7-14 days. OMRI Listed.

ITEM #	DESCRIPTION	1-11	12-23	24-UP
71-2877	1 lb. Plantshield HC	\$101.03	\$90.93	\$85.87
		1-5	6-11	12-UP
71-2878	3 lb. Plantshield HC	221.70	199.53	188.44

### Protect DF



#### Active Ingredient: Mancozeb

Turf and ornamental fungicide. Controls Petal blight, Leaf spot, Botrytis, Anthracnose, Rust, and Black spot on roses, azaleas, mums and many other ornamentals. **DO NOT** use on marigolds. **Rate:** 1 tbs./gal. or 1.5 lbs. per 100 gal.

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-2748	6 lb. Protect DF	\$70.84	\$63.76	\$60.21

### RootShield Granular



#### Active Ingredient: Trichoderma harzianum Rifai strain KRL-AG2

Biological fungicide. Protects plants from root diseases caused by Pythium, Fusarium, Rhizoctonia. Apply as preventive granular incorporation into soil mix before potting or seeding. Same active ingredient as in Plantshield HC. **Rate:** 1-1.5 lbs. cu. yd. of soil. **OMRI Listed.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-2780	10 lb. RootShield Granular	\$144.10	\$129.69	\$122.48
		1	2-4	5-UP
71-2781	40 lb. RootShield Granular	350.98	315.88	298.33
		<b>PRICE</b>		
71-2783	500 lb. Mini Bulk RootShield Granular			\$3984.75
71-2785	1000 lb. Bulk RootShield Granular			\$7325.50

### RootShield WP



#### Active Ingredient: Trichoderma harzianum Rifai strain KRL-AG2

Now fully compatible with injectors and drip irrigation systems. Biological fungicide for use as a soil drench on ornamentals and many edible crops. Proliferates in the root zone to protect plants from pathogens such as: Pythium, Rhizoctonia, Fusarium and Thielaviopsis. Must be used prior to disease onset. **Rates:** Soil drench at 3-5 oz per 100 gallons.

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-27901	3 lb. Rootshield WP	\$221.70	\$199.53	\$188.44

### Saf-T-Side Oil



Listed under Insecticides page 238

### Spectro 90 WDG



#### Active Ingredient: Thiophanate-Methyl and chlorothalonil

Broad spectrum foliar fungicide that contains the active ingredients found in Daconil and Cleary's 3336. Labeled for greenhouses, interiorscapes, nurseries and turf. Controls: Alternaria, Botrytis, Cercospora, Rhizoctonia, Powdery mildew, Rusts, Scabs and more. **Foliar Spray Rates:** 1-2 tbs. per gal., 1-2 lbs. per 100 gal. 12 hr REI with additional WPS requirements for the next 6.5 days. Consult label for details. **Restricted Use Pesticide in MA.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-2755	5 lb. Spectro 90 WDG	\$112.70	\$101.43	\$95.79

### Stature DM 50



#### Active Ingredient: Dimethomorph

Stature DM is a locally systemic fungicide for the control of Phytophthora and Downy mildew diseases on ornamental crops grown outdoors or in greenhouses. Stature DM can be applied as a foliar spray for aerial Phytophthora or Downy mildew. Stature DM can also be applied as a soil drench for Phytophthora root, crown and stem rots. Rates for both types of application: Greenhouse grown herbaceous annuals and perennials use 1 to 4 tsp per gallon or 3.2 to 12.8 oz per 100 gallons. Outdoor container grown herbaceous perennials and woody ornamentals use 6.4 to 25.6 oz per 100 gallons.

ITEM #	DESCRIPTION	1-4	5-9	10-UP
71-14651	1 lb. Stature DM	\$120.75	\$108.68	\$102.64

### Strike 50% WDG



#### Active Ingredient: Triadimefon

Systemic fungicide for disease control on flowers, foliage plants, shrubs, turf and shade trees. Controls Flower blight, Black spot, Powdery mildew and Rusts. **Rates:** Vary, consult the label.

ITEM #	DESCRIPTION	1-11	12-23	24-UP
71-29511	8 oz. Strike 50% WDG	\$96.56	\$86.90	\$82.08

### Subdue Maxx



#### Active Ingredient: Mefenoxam

Systemic residual control of root and stem rot diseases caused by Pythium and Phytophthora. **Rate:** Soil drench at time of seeding at .13-.25 oz. per 100 gal.; at time of transplanting .5-1 oz. per 100 gal. Apply 1 pt. of solution per sq. ft.

ITEM #	DESCRIPTION	1-11	12-23	24-UP
71-2979	1 qt. Subdue Maxx 21.3%	\$209.70	\$188.73	\$178.25
				1-UP
71-2978	1 gal. Subdue Maxx 21.3%			499.00
71-29781	10 gal. Subdue Maxx 21.3%			4,990.00

### Terraclor 400



#### Active Ingredient: Pentachloronitrobenzine (PCNB)

Used primarily as a soil drench for the control of Rhizoctonia on ornamentals and certain vegetable bedding plants in greenhouses, interiorscapes, nurseries and landscape plantings. Also labeled as a bulb dip. **Drench Rates:** ¼ - ¾ tsp. per gallon or 6-12 oz. per 100 gallons.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
52-101710	1 gal. Terraclor 400	\$90.97	\$81.87	\$77.32

### Terraclor 75% WP



#### Active Ingredient: Pentachloronitrobenzine (PCNB)

Terraclor is used as a soil drench or bulb dip for protection from Rhizoctonia, Sclerotinia and other fungal pathogens. Ornamentals and certain vegetable transplants are on the label. **Drench Rates:** ¼ to ½ tsp per gal. or 4-8 oz. per 100 gal.

ITEM #	DESCRIPTION	1-7	8-15	16-UP
71-3015	5 lb. Terraclor 75%	\$76.76	\$69.08	\$65.24

### TerraCyte



#### Active Ingredient: Sodium Carbonate Peroxyhydrate

Granular Algacide/Fungicide for ornamentals. Organisms controlled include: Algae, moss, liverworts, and slime molds. Sites include: walkways, under benches, gravel and dirt floors, weed control mats and hard surfaces. Also can be used as soil surface treatment on container grown plants. **Rates:** 1.25 lbs. per 1,000 sq. ft. or ⅓ tsp per 8" pot.

ITEM #	DESCRIPTION	1-9	10-26	27-UP
74-20701	50 lb. TerraCyte	\$116.29	\$104.66	\$98.85

### Terraguard SC



#### Active Ingredient: Triflumizole

Foliar sprays control: Alternaria, Botrytis, Rhizoctonia (aerial), Rust and Scab. Drench applications control: Cylindrocladium, Fusarium and Thielaviopsis. **Rates:** Foliar or drench applications: 1/8-1 tsp per gal, 2-16 oz per 100 gallons. **Restricted use pesticide in NY. Nassau and Suffolk county restrictions apply.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-3018	1 qt. Terraguard SC	\$349.43	\$314.49	\$297.02

**NEW** Terrazole 35% WP MOA 14 12 REI

**Active Ingredient: Etridiazole**

Controls Pythium and Phytophthora in greenhouse and nursery ornamental crops. **Drench rates** for container grown crops: ½- 1.5 tsp per gal or 3.5-10 oz/100 gal. The label contains drench volumes based on pot size and instructions for bed grown plants.

ITEM #	DESCRIPTION	1-5	6-11	12-UP
3183862	2lbs Terrazole WP	\$97.61	\$87.85	\$82.97

Transom 4.5 L MOA 1 12 REI

**Active Ingredient: Thiophanate-Methyl**

Systemic fungicide for use on ornamentals in greenhouses or field applications. May be applied as a foliar spray, soil drench or pre-plant dip for certain crops. Controls: Anthracnose, Cythindrocladium, Rhizoctonia, Sclerotinia, Thielaviopsis and others. **Rates: Foliar sprays** .5 to 1.5 tsp per gal, 10-20 oz per 100 gallons. **Drench treatments** 7.5-20 oz per 100 gallons. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1	2	4-UP
71-3200	2.5 gal. Transom 4.5 L	\$408.38	\$367.54	\$347.12

Transom 50 WSB MOA 1 12 REI

**Active Ingredient: Thiophanate-Methyl**

Systemic fungicide for use on ornamentals in greenhouses or field applications. May be applied as a foliar spray, soil drench or pre-plant dip for certain crops. Controls: Anthracnose, Cythindrocladium, Rhizoctonia, Sclerotinia, Thielaviopsis and others. **Rates: Foliar sprays** 1 to 4 tsp per gal, 8-32 oz per 100 gallons. **Drench treatments** 8-16 oz per 100 gallons. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-3195	2 lb. ( 4x8 oz. WSP) Transom 50 WSB	\$47.36	\$42.62	\$40.25

Truban 30% WP MOA 14 12 REI

**Active Ingredient: Etridiazole**

Controls Pythium and Phytophthora in ornamental and nursery crops. **Rate:** Bedding plants (soil 2-3" deep) 4-6 oz. per 100 gal. – apply to 800 sq. ft.; container and bedgrown plants 3-10 oz. per 100 gal. – apply to 400 sq. ft. Irrigate immediately with additional water to at least half the volume of the fungicidal drench. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
71-3065	2 lb. Truban 30% WP	\$78.42	\$70.58	\$66.66

Truban 25% EC MOA 14 12 REI

**Active Ingredient: Etridiazole**

Controls Pythium and Phytophthora in ornamental and nursery crops. **Rate:** Bedding plants (soil 2-3" deep) 3-4 oz. per 100 gal. – apply to 800 sq. ft.; container and bedgrown plants 4-8 oz. per 100 gal. – apply to 400 sq. ft. Irrigate immediately with additional water to at least half the volume of the fungicidal drench. **Restricted use pesticide in CT & NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-3070	1 qt. Truban 25% EC	\$73.86	\$66.47	\$62.78

**NEW** Veranda O WDG MOA 19 4 REI

**Active Ingredient: Polyoxin D zinc salt**

Broad spectrum fungicide for use on ornamentals in greenhouses, nurseries, interiorscapes and other labeled sites. Foliar diseases controlled include: Anthracnose, Botrytis, Downy mildew, Powdery mildew, aerial Rhizoctonia. Soil drenches control Rhizoctonia root and crown rot. **Foliar spray and drench rates:** ½-1 tsp per gal or 8-16 oz per 100 gals.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-3544	1lb Veranda	\$160.07	\$144.07	\$136.06

**NEW** Xeroton3 MOA NC 0 REI

**Active Ingredient: Hydrogen Peroxide, Peroxyacetic Acid, and Octanoic Acid**

Algaecide, bactericide, fungicide for use on ornamentals in greenhouses and nurseries. Labeled as a soil drench and a foliar spray for a broad spectrum of plant diseases. Irrigation and mist water can be treated according to label directions. Mist applications do carry a 2 hr REI. No residue. **Foliar spray rates:** 1 tsp-1 tbs per gal or 8.5-25.6 oz per 100 gal. Check label for specifics including re-application intervals. **Drench rates:** 1tbs per gal or 25.6 oz per 100 gal.

ITEM #	DESCRIPTION	1	2-3	4-UP
71-3701	96 oz Xeroton-3	\$123.97	\$111.57	\$105.38
71-3704	4 gal Xeroton-3	\$574.77	\$517.39	\$488.56

ZeroTol MOA NC 0 REI

**Active Ingredient: Hydrogen dioxide and Peracetic acid**

Use in greenhouses, garden centers, landscapes and interiorscapes. Kills algae, bacteria, fungus, and their spores on contact. Can be used to treat irrigation water for pathogen control. Safe on foliage and most open blooms. No residue. Foliar spray or drench. **Foliar Spray Rates:** .5 -1.25 oz. per gal. or 50 - 125 oz. per 100 gal. Same active ingredient as OxiDate.

ITEM #	DESCRIPTION	1	2-3	4-UP
71-3550	2.5 gal. Zerotel	\$249.95	\$224.96	\$212.46
71-3548	5 gal Zerotel			
		1	2	3
71-3551	30 gal. Zerotel	1,378.11	1,240.30	1,171.40

ZeroTol Test Kit

Enables the ZeroTol user to accurately determine and verify correct concentrations of ZeroTol in working solution.

- Test working spray or drench solution to assure proper application concentration.
- Test dip tank concentrations for dipping of bulbs, cuttings, bare root stock and trays.
- Test for residual ZeroTol in water streams to assure complete water treatment.

ITEM #	DESCRIPTION	PRICE
31ZTTK	ZeroTol Test Kit	\$61.18
41-3950	ZeroTol Drum Pump - Chemical Resistant Fits 30 gal. Drums ( For safer handling attaches to larger drums)	\$28.61

## Zyban WSB

MOA 1+M3 24 REI

**Active Ingredient: Thiophanate-methyl and Mancozeb**  
Broad spectrum contact and systemic activity on Scab, Rust, Leaf spot, blight, Anthracnose, Downy and Powdery mildew. Zyban WSB provides effective, immediate contact action plus long-lasting control through a unique combination of active ingredients. **Foliar Spray Rate:** 4 tsp/gal. or 1 packet/25 gal. (24 oz./100 gal.) **Restricted use pesticide in CT & NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
71-3696	8/6 oz. Zyban WSB	\$69.43	\$62.49	\$59.02

## Growth Regulators

### A-Rest

12 REI

#### Active Ingredient: Ancymidol

Height control of container grown lilies, poinsettias, chrysanthemums, dahlias, tulips, and foliage and bedding plants. Predictable response makes it a good choice for use in plug production.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1150	1 qt. A-Rest	\$83.71	\$75.34	\$71.15
			1-15	16-UP
73-1151	2.5 gal. A-Rest		512.50	487.50
			PRICE	
73-1152	30 gal. A-Rest			5,100.00

### B-Nine WSG 85%

24 REI

#### Active Ingredient: Daminozide

Height control of chrysanthemums, gardenias, azaleas, hydrangea, poinsettias and many bedding plants. **Restricted use pesticide in ME, NH and NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
73-1251	1 lb. B-nine WSG	\$113.22	\$101.90	\$96.24
		1-3	4-7	8-UP
73-1253	5 lb. B-nine WSG	542.69	488.42	461.29

### Bonzi

12 REI

#### Active Ingredient: Paclobutrazol

A powerful growth regulator that when used at proper rates and application volumes produces predictable internode elongation reduction. Labeled for certain annuals and perennial crops. Absorbed quickly into root and stem tissue, it is rain fast in thirty minutes. Conduct small-scale trials when making treatments you have not done before. Excellent plant safety. **Restricted use pesticide in VT.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
70-1260	1 qt. Bonzi	\$156.98	\$141.28	\$133.43
		1	2-3	4-UP
70-1265	1 gal. Bonzi	\$390.00	\$351.00	\$331.50
			1-UP	
70-1270	2.5 gal. Bonzi			\$555.00

### Compress WSG

24 REI

#### Active Ingredient: Daminozide

Compress WSG contains daminozide, a plant growth regulator for use on ornamental plants grown in commercial or research greenhouses, shade-houses, and nurseries. Plants treated with Compress WSG will develop a shorter, more compact growth habit when compared to untreated plants. **Restricted Use Pesticide in ME, NH, and NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1305	5 lbs Compress WSG	\$460.80	\$414.72	\$391.68

## Cycocel 11.8%

12 REI

#### Active Ingredient: Chlormequat chloride

Plant growth regulator for use on poinsettias, azaleas, geraniums, hibiscus, and other crops. Apply as foliar spray or a soil drench. Specific rates vary with plant species, timing and type of treatment. Read the label for specific rate information.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1380	1 qt. Cycocel 11.8%	\$100.73	\$90.66	\$85.62
		1-3	4-7	8-UP
73-1381	1 gal. Cycocel 11.8%	355.29	319.76	301.99
		1-3	4-UP	
73-1385	30 gal. Cycocel 11.8%		8,562.02	7,554.72

### Fascination

4 REI

#### Active Ingredient: Benzyladenine aka N-(phenylmethyl)-1H-purine-6-amine and GA 4 and 7

Fascination is a combination of two types of plant growth regulators that produce unique and dramatic effects in plants. In several types of lilies lower leaf yellowing can be prevented. It will also greatly prolong the life of lily blooms. Fascination can also be used in an attempt to overcome excessive applications of PGR's. It can also be used to safely add height to a number of crops including poinsettias and mums.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1910	.5 gal. Fascination	\$426.33	\$383.70	\$362.38

### Florel

48 REI

#### Active Ingredient: Ethepon

Florel is used to increase lateral branching and reduce internode elongation. Allow 6 weeks or more from the last treatment to the desired bloom date to allow for the delay in flower initiation that occurs. Some of the crops successfully treated to increase branching include: garden mums, fuchsia, geraniums, verbena, vinca vine and many more. For most uses the rate is 500 ppm, 1.6 oz. per gal. or 160 oz. per 100 gal. Several bulb crops are treated with Florel to reduce elongation. See the label for the various rates and application strategies.

ITEM #	DESCRIPTION	1-11	12-23	24-UP
73-16551	1 qt. Florel	\$26.44	\$23.79	\$22.47
		1-3	4-7	8-UP
73-16601	1 gal. Florel	64.32	57.89	54.67

### Paczol

12 REI

#### Active Ingredient: Paclobutrazol

A powerful growth regulator that when used at proper rates and application volumes produces predictable internode elongation reduction. Labeled for certain annual and perennial crops. Absorbed quickly into root and stem tissue, it is rain fast in 30 minutes. Conduct small scale trials when making new treatments. Excellent plant safety. **Restricted use pesticide in VT.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1850	1 gal. Paczol	\$310.80	\$279.72	\$264.18

### Sumagic

12 REI

#### Active Ingredient: Uniconazole

Height control of azaleas, bedding plants, chrysanthemums, Easter lilies, perennials and more. Plants vary in their response to powerful growth regulators such as Sumagic. Trial according to label rates on varieties you have not treated before to ensure desirable results. Dosage and application rates are important in delivering the proper dosage.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1951	1 gal. Sumagic	\$371.75	\$334.57	\$315.99
			1-3	4-UP
73-1952	15 gal. Sumagic		\$4,313.24	\$3,805.80