

# ATTENTION:

The file of our catalog you are about to view is for product reference only not current pricing.

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,**



**Topflor**

12 REI

**Active Ingredient: Flurprimidol**

Topflor is a plant growth regulator that reduces internode elongation on a wide variety of annual and perennial plants. Similar in strength to Bonzi and Sumagic but it has shorter residual activity in the plants. Some crops that have responded very well to Topflor in trials include: dahlias, dwarf sunflowers, NG impatiens, mums, snapdragons, zonal geraniums, and several perennials. Topflor can be applied as a foliar spray or drench. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-15	16-UP
73-2005	2 ltr. Topflor	\$226.00	\$216.00

**Root Control Coating****Spin Out**

0 REI

**For Container-Grown Plants****Active Ingredient: Copper Hydroxide**

Plant growth regulator that is applied to the inner surface of a nursery container. Spin Out inhibits the root tips when they reach the container sides. As the plant continues to produce new lateral roots, Spin Out serves as a growth regulator to the new roots, thus producing a fibrous root system. Used in growing, propagation containers and trays.

ITEM #	DESCRIPTION	1	2-3	4-UP
73-19361	2.5 gal. Spin Out	\$240.35	\$216.31	\$204.30

**Gibberillic Acid****Progibb 4%**

12 REI

**Active Ingredient: Gibberellic Acid GA3**

Plant growth regulator; gibberillic acid. Used for stem elongation, substitution for cold treatment and to hasten flowering in certain plants. Use on azaleas, chrysanthemums, cyclamen, fuschia, geranium, hydrangea and others. Rates vary widely depending on the application.

ITEM #	DESCRIPTION	1-3	4-7	8-UP
73-1930	1 qt. Progibb 4%	\$63.02	\$56.72	\$53.57

**Herbicides**

Herbicides come in pre-emergent (preventors, applied before weed seeds germinate) or post-emergent (eradicators, applied after weeds germinate and are actively growing). All pre-emergent and most post-emergent herbicides are not labeled for use in the greenhouse. Consult the product label for specifics. There are many different products to choose from depending on type of crops being treated, time of treatment, application method, etc. Contact your salesperson, our office, or your state extension station for recommendations.

**Barricade**

12 REI

**Active Ingredient: Proflam**

A long lasting selective pre-emergence control of grass and certain broadleaf weeds in container and field grown ornamentals, perennials and wild flower production, Christmas tree farms, conifer and hardwood seeding nurseries. One application can give season long control. Apply spring or fall. Barricade has a yellow color so you can see where you spray it, but it does not stain. Rates vary by length of control desired. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-2	3-5	6-UP
72-1570	3 lb. Barricade WDG	\$115.92	\$104.33	\$98.53

		1-19	20-UP
72-1575	1 gal. Barricade L	147.70	142.70

		PRICE
72-15751	10 gal. Barricade L	1,477.00

**BroadStar**

12 REI

**Active Ingredient: Flumioxazin**

Granular pre-emergent herbicide for use in certain field and container grown shrubs, trees and ground covers. Same active ingredient as Sureguard. New chemistry (flumioxazin). Provides at least 8-12 weeks of many broadleaf and grasses as well as liverworts. Does not inhibit root growth when used as directed. **Rate:** 150 lbs. per acre.

ITEM #	DESCRIPTION	1-4	5-9	10-UP
72-1088	50 lb. BroadStar	\$116.73	\$105.05	\$93.38

**Casoron 4G**

12 REI

**Active Ingredient: Dichlobenil**

Selective pre-emergent herbicide for the control of certain broadleaf and grasses in established woody ornamentals, nut and fruit trees, non-crop areas, and other sites. 8-16 mesh. **Rates:** 100-200 lbs. per acre.

ITEM #	DESCRIPTION	1-9	10-39	40-UP
7013150	50 lb. Casoron 4G	\$152.14	\$136.93	\$129.32

**Corral 2.68 G**

12 REI

**Active Ingredient: Pendimethalin**

Contains Pendimethalin. A granular herbicide product specifically formulated for use on container ornamentals. Labeled for use on certain perennial containers. Controls grass type weeds that are prevalent in perennial production. **Rate:** 75-100 lbs. per acre.

ITEM #	DESCRIPTION	1-4	5-9	10-UP
67-8155	40 lb. Corral	\$65.53	\$58.97	\$55.70

**Envoy Plus**

24 REI

**Active Ingredient: Clethodim**

Post-emergent herbicide for the control of annual and perennial grasses in greenhouses, nurseries and landscape plantings. Safe to use on many broadleaf crops including certain: groundcovers, flowers, shrubs, trees and non-crop areas. See label for a complete list. Improved formulation gives better control without requiring spray additives. Rates: annual grasses 9-16 oz per acre, perennial grasses 12-32 oz per acre. Spots spraying 1-1.5 TBLS per gallon. **Restricted use pesticide in NY & VT.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
72-14451	1 gal. Envoy Plus	\$158.84	\$142.96	\$135.02

**Finale**

12 REI

**Active Ingredient: Glufosinate**

Finale is a non-selective post-emergent herbicide that is labeled for use in greenhouses while plants (except edible crops) are present. It is translocated to the root system for good control of perennial as well as annual weeds. Best results are obtained when weeds are actively growing. For greenhouse applications, turn off all fans, use a coarse spray and avoid all contact with desirable vegetation. **Rate:** 1.5 to 4 oz. per gal.

ITEM #	DESCRIPTION	1	2-3	4-UP
54-100106	2.5 gal. Finale	\$265.65	\$239.09	\$225.80

## FreeHand 1.75 G

MDA 3+15 24 REI

### Active Ingredient: Dimethenamid-P plus pendimethalin

FreeHand is a new, broad-spectrum herbicide that combines a new active ingredient dimethamid-P with pendimethalin. Provides up to 8 weeks of preemergence control of many difficult grassy and broadleaved weed problems, including yellow nutsedge. Labeled sites include commercial ornamental production nurseries (field grown, container, liners), landscapes and non-crop areas as specified on the label. FreeHand is labeled for directed or over the top applications to certain ornamental trees, shrubs, ground covers, perennials, bedding plants (outdoors only), conifer and hardwood seedling liners and Christmas tree plantings. Use caution when treating Buddleia davidii, Hydrangea macrophylla, Hemerocallis spp. and Iris spp. as injury has occurred on some cultivars (see label). **Rates: 100 – 300 lbs. per acre. Not registered in NY and RI. Restricted use pesticide in CT & MA**

ITEM #	DESCRIPTION	1-UP
72-16201	50 lb. FreeHand 1.75 G	\$85.00

## Gallery 75% DF

12 REI

### Active Ingredient: Isoxaben

Pre-emergent herbicide for the control of certain broadleaf weeds in established turf, landscape ornamentals, container-grown ornamentals, nursery stock, ground covers and other sites. **Rates: .66 – 1.33 lbs. per acre. NOT LABELED IN NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
72-1650	1 lb. Gallery 75% DF	\$219.25	\$197.33	\$186.36

## Goal 2XL

24 REI



### Active Ingredient: Oxyfluorfen

Pre-emergent and post-emergent herbicide for certain broadleaf weeds. Labeled crops include certain vegetable plants, conifers, deciduous trees and others. Rates are dependent on the weeds to be controlled and the type of control desired (pre or post-emergent).

ITEM #	DESCRIPTION	1	2-3	4-UP
72-1700	2.5 gal. Goal 2XL	\$353.40	\$318.06	\$300.39

## Glyphosate Pro 4

4 REI

### Active Ingredient: Glyphosate

Formulated complete with a surfactant for professional use. A **non-selective** herbicide for annual and perennial weed control. Broad spectrum, non-volatile, odorless, and no residual soil activity. May be mixed with a pre-emergent herbicide such as Barricade for season long control from one application. **Rate: 1-5 gal./100 gal. 1.33-6.5 oz./gal. no surfactant needed.**

ITEM #	DESCRIPTION	1-35	36-71	72-UP
72-20251	2.5 gal. Glyphosate Pro 4	\$125.21	\$112.69	\$106.43
		1	2-3	4-UP
72-20301	30 gal. Glyphosate Pro 4	1,042.93	938.64	834.34

#### Please Note:

If the product you are looking for is not listed in our catalog, contact our Customer Service Department or your Sales Representative for pricing and availability.

## Jewel 3.25 G

MDA 3+14 12 REI

### Active Ingredient: Oxadiazon plus pendimethalin

Jewel is a new broad-spectrum granular herbicide combining two proven active ingredients, pendimethalin and oxadiazon. Provides up to 12 weeks of preemergence control of many grassy and broadleaved weeds including willowherb. It does not control established weeds. Labeled sites include outdoor commercial ornamental production nurseries (field grown and container) and landscapes. Jewel is labeled for application to many ornamental trees, shrubs, ground covers and herbaceous perennials. Review label for specific crops. Those that have shown injury are listed on the label and include: chrysanthemum, clematis, Shasta daisy, Phlox paniculata and many annuals. **Rate: 100 lbs. per acre or 2.3 lbs. per 1000 sq ft. Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1	2-3	4-UP
72-2812	50 lbs Jewel 3.25G	\$153.43	\$138.09	\$130.42

## Lontrel

12 REI

### Active Ingredient: Clopyralid

Selective post-emergent herbicide for the control of broadleaf weeds in turf, certain ornamental plantings in landscapes and nurseries. **Rates: .1 to .5 oz. per 1,000 sq ft or .25 to 1.33 pints per acre. Restricted Use Pesticide in NY.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
3153212	1 qt. Lontrel 31%	\$223.79	\$201.41	\$190.22

## OH II

12 REI

### Active Ingredient: Oxyfluorfen plus pendimethalin

Scott's Ornamental Herbicide II is a pre-emergent granular herbicide for container and field ornamentals. A granular combination of both Goal and Pendimethalin. Broad spectrum weed control of both broadleaf and grassy weeds. **Rate: 3/2 oz./100 sq. ft.; 100 lb./acre. Restricted Use Pesticide in VT.**

ITEM #	DESCRIPTION	1-4	5-9	10-UP
67-8145	50 lb. Scotts OH II	\$153.43	\$138.09	\$130.42

## Pendulum Aquacap

24 REI

### Active Ingredient: Pendimethalin

Pre-emergent herbicide for control of most grasses and certain broad-leaf weeds. Labeled for turf, field and container grown ornamentals that appear on the label and other sites. **Rates Vary, consult the label.**

ITEM #	DESCRIPTION	1	2-3	4-UP
72-2825	2.5 gal. Pendulum Aquacap	\$225.40	\$202.86	\$191.59

## Pennant® Magnum® Liquid

24 REI

### Active Ingredient: Metolachlor

Selective pre-emergence control of yellow nutsedge, many annual grasses and broadleaf weeds in nursery and landscape plantings including container and field grown ornamentals, annuals, perennials, woody ornamentals and Christmas trees. Colorless application. **Rate: 1 1/2 oz./1000 sq. ft.; 1/2 gal./acre. Restricted use pesticide in MA, NH & NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
72-1565	1 gal. Pennant Magnum	\$256.80	\$231.12	\$218.28

**Permaguard 3% G**

24 REI

**Active Ingredient: Oxyfluorfen plus oryzalin**

Broad spectrum **pre-emergent** control of many broadleaf and grassy weeds. Contains two active ingredients, Oxyfluorfen and Oryzalin. It can be used on a large variety of field or container grown ornamentals. Rate: 3 ½ oz per 100 sq ft, 100 lbs per acre. **Restricted Use Pesticide in NY & VT.**

ITEM #	DESCRIPTION	1-4	5-9	10-UP
72-2855	50 lb. Permaguard	\$128.80	\$115.92	\$109.48

**Princep 4L**

12 REI

**Active Ingredient: Simazine**

**Pre-emergent** for the control of many broadleaf and grass weeds in certain agricultural crops as well as specified non-crop areas. Princep 4L enters weed primarily through the roots so moisture is needed to move it into the root zone. **Rates:** Range from 1 to 4.8 qts per acre. Consult the label for specific rates. **Restricted Use Pesticide in CT, MA, NH & VT.**

ITEM #	DESCRIPTION	1	2-3	4-UP
70719025	2.5 gal. Princep 4L	\$111.09	\$99.98	\$94.43

**Prozalin 4L**

24 REI

**Active Ingredient: Oryzalin**

A selective **pre-emergent** herbicide for control of annual grasses and many broadleaf weeds. Labeled sites include: Landscape, field and container grown ornamentals. **Rates for Ornamentals:** 1.5 to 3 oz. per 1,000 sq. ft.

ITEM #	DESCRIPTION	1	2-3	4-UP
72-2995	2.5 gal. Prozalin 4L	\$243.38	\$219.04	\$206.87

**Reward**

24 REI

**Active Ingredient: Diquat**

Landscape and aquatic herbicide for fast **non-selective post-emergent** control of broadleaf and grassy weeds in industrial, recreational, commercial, residential and public areas. Rates vary widely, consult label for details. **Not labeled in NY. Restricted Use Pesticide in CT, NH, NJ & VT.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
70741004	1 gal. Reward 37%	\$143.29	\$128.96	\$121.80


**Ronstar G**

12 REI

**Active Ingredient: Oxadiazon**

A **pre-emergent** granular herbicide for ornamentals in containers and field grown plants. Controls many broadleaf and grassy weeds. **Rate:** 2 ¼ to 4 ½ lb. per 1,000 sq. ft.; 100-200 lbs. per acre. **Restricted Use Pesticide in CT & NY.**

ITEM #	DESCRIPTION	1-4	5-9	10-UP
72-3880	50 lb. Ronstar G	\$119.87	\$107.88	\$101.89



**Safe Practices for the Applicator:** The applicator is dangerously exposed to pesticides when mixing since they are handling the concentrated forms. Refer to the product label for the proper precautionary statements and required PPE. Precautions vary with different products, but the universal safety measure is to thoroughly wash your hands immediately after handling any hazardous chemicals.

**Roundup Quik Pro Dry**

4 REI

**Active Ingredient: Glyphosate**

Roundup herbicide in water-soluble, dust free dry formulation. Formulated with Diquat for a 24-hour knockdown of weeds. Weatherproof herbicide delivers rainfastness in one hour. Turns to solution in minutes and won't settle out. Easy to handle, ½ the weight of liquids. No surfactant needed. **Rate:** 5-10 lb./100 gal. water. 0.8-1.5oz./gal. water. **Restricted use pesticide in NH.**

ITEM #	DESCRIPTION	1-5	6-11	12-UP
72-2879	5 -1.5 oz. Roundup Quik Pro Dry Paks	\$15.70	\$14.13	\$13.34
72-2876	6.8 lb. Roundup Quik Pro Dry	146.91	132.22	124.38

**Roundup Pro Concentrate**

4 REI

**Active Ingredient: Glyphosate**

A more concentrated version of Roundup Pro. The higher concentration of active ingredient makes this formulation more economical to use. Rates are 20% less than Roundup Pro with equal results. Not labeled for residential use.

ITEM #	DESCRIPTION	1	2-3	4-UP
72-2869	2.5 gal Roundup Pro Concentrate 50.2%	\$214.38	\$192.94	\$182.22

**Rout 2%**

24 REI

**Active Ingredient: Oxyfluorfen plus oryzalin**

Weed prevention for containers and field ornamentals. A granular combination of the active ingredients from Goal and Surflan herbicides. Broad spectrum, **pre-emergent** weed control of both broadleaf and grassy weeds. **Rate:** 3 ½ oz. per 100 sq ft; 100 lbs. per acre. **Restricted use pesticide in NY & VT.**

ITEM #	DESCRIPTION	1-4	5-9	10-UP
72-2880	50 lb. Rout 2%	\$153.43	\$138.09	\$130.42

**Scythe**

12 REI

**Active Ingredient: Pelargonic acid**

A naturally occurring fatty acid for use as a **non-selective**, burn-down, top killing herbicide. Scythe has no soil activity, and its non-systemic action making it the ideal choice for trimming and edging, spot weeding, and renovations. **Rate:** 4 – 13 oz. per gal. or 3-10 gal. per 100 gal.

ITEM #	DESCRIPTION	1	2-3	4-UP
75-10511	2.5 gal. Scythe	\$144.42	\$129.98	\$122.75

**Snapshot TG 2.5%**

12 REI

**Active Ingredient: Isoxaben plus trifluralin**

Selective **pre-emergent** herbicide for the control of certain broadleaf weeds and annual grasses in landscape and container grown ornamentals, ground covers, Christmas tree plantations and other sites. **Rates:** 100-200 lbs. per acre. **Not registered in NY.**

ITEM #	DESCRIPTION	1-4	5-9	10-UP
72-2972	50 lb. Snapshot TG 2.5%	\$136.85	\$123.17	\$116.32

## SureGuard WDG

12 REI

### Active Ingredient: Flumioxazin

Pre and post-emergent herbicide for use in certain field and container grown ornamentals, conifers and deciduous trees. Read label carefully before using on containers. Same active ingredient as BroadStar, but in a sprayable formulation. Provides safe, excellent, long term control of many broadleaf weeds and grasses as well as liverworts. **Rate:** 8-12 oz. per acre.

ITEM #	DESCRIPTION	1	2-3	4-UP
72-82261	5 lb. SureGuard WDG 51%	\$811.84	\$730.66	\$690.07

## Tower EC

MOA 15 12 REI

### Active Ingredient: Dimethenamid-P

Tower is a new broad-spectrum pre-emergent herbicide containing a new active ingredient dimethenamid-P. Provides up to 8 weeks of control of many difficult weed problems, including willowherb, yellow nutsedge and liverwort. It is labeled as a directed spray application in field nurseries of commercial ornamental tree and shrub production, landscapes and non-crop areas as specified on the label. **Rates:** 21 fl oz. per acre for 2 – 4 months control and 32 fl oz per acre for 4 – 6 months control. **Not registered in NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
72-3090	.5 gal. Tower EC	\$326.83	\$294.15	\$277.81

## Touchdown Pro

12 REI

### Active Ingredient: Glyphosate

Touchdown Pro is a non-selective foliar systemic post-emergent herbicide for the control of a broad spectrum of annual and perennial grass and broadleaf weeds. The active ingredient is translocated to the root system. Can only be used in greenhouses when they are empty. **Rates:** annual weeds – 1.3 oz. per gal. or 4 qts. per 100 gal. perennial weeds – 1.3 – 6.5 oz. per gal., 4 qts. to 5 gal. per 100 gal. May be tank mixed with Barricade. **Restricted use pesticide in NY.**

ITEM #	DESCRIPTION	1-3	4-7	8-UP
72-1580	2.5 gal. Touchdown Pro	\$135.94	\$122.35	\$115.55

## Trammel 5% DG

12 REI

### Active Ingredient: Trifluralin

Pre-emergent herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers and other sites. **Rate:** 80 lbs. per acre. **Not registered in all states.**

ITEM #	DESCRIPTION	1-19	20-39	40-UP
72-31001	40 lb. Trammel 5% DG	\$35.42	\$31.88	\$30.11

## EPA Approved Warning Signs



### 14" x 16" Signs

This EPA-approved reusable sign has correct legend and size.

ITEM # 41-1124 PRICE: \$5.18



### Small Signs

Approved for individual potted plants, greenhouse benches, certain nursery situations. These reusable 5" x 5" signs come with 16" PVC stake.

Place no more than 25 Ft. apart.

ITEM # 41-1123 PRICE: \$1.34



### 14" Pesticide Storage Sign

Mount this sign where pesticides are being stored

- UV resistant ink
- .030 gauge polyethylene

ITEM # 41-5026 PRICE: \$11.99



### Central Posting Kit

Handy for fulfilling WPS "central posting" requirements. Kit contains one of each of the following:

- Emergency Medical Facility Sign 10" x 12" .050 Plastic
- Pesticide Safety Poster 23" x 35" Full Color
- Pesticide Application Posting Tablet 50 Sheets, 8½" x 11"
- EPA How to Comply booklet

ITEM # 41-5025

PRICE: \$24.15

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