

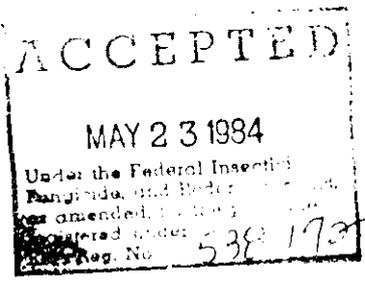
Product Description:

ProGrow
Logo

8918

Ornamental
Herbicide 2

For Commercial Nursery Use Only



Major Features

- o provides preemergence control of weeds in container and field grown ornamentals

Analysis

Net Weight 50 lbs (22.68 kg)

KEEP OUT OF REACH OF CHILDREN
CAUTION
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION, causes eye injury. Do not get in eyes, on skin, or on clothing. In case of contact immediately wash eyes or skin with plenty of water. Get medical attention if irritation persists. Harmful if swallowed. Avoid inhalation.

Environmental hazards: Do not apply directly to water. This pesticide is toxic to wildlife and fish. Use with care when applying in areas adjacent to any body of water. Apply this product only as specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes.

ACTIVE INGREDIENTS:

Oxyfluorfen 2-Chloro-1-(3-ethoxy-4-nitrophenoxy)-4-(trifluoromethyl)benzene	2.00%
Pendimethalin N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine	1.00%

INERT INGREDIENTS:	97.00
TOTAL	100.00%

EPA Reg No 538-172
USA

EPA Est 538-OH-1

Product of

ProTurf Division The O M Scott & Sons Company Marysville, Ohio 43041

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Directions:

Directions for use

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

For use on container and field grown ornamentals.

Container/Field Grown (Genera)

Abelia	Lonicera
Acacia	Magnolia
Acer	Mahonia
Araucaria	Nerium
* Azalea (Rhododendron)	Pachysandra
Berberis	Philodendron
Betula	Photinia
Buxus	Picea
Callistemon	Pieris
Camellia	Pinus
Cercis	Pittosporum
Chamaecyparis	* Potentilla
Chamaedorea	Prunus
Cornus	Pyracantha
Cortaderia	Quercus
Contonester	Raphiolepis
Cupressus	* Rhododendron
Cytisus	Santolina
Escallonia	Schefflera
* Euonymus	Spiraea
Forsythia	Syringa
Gardenia	Taxus
Hydrangea	Thuja
Hypericum	Viburnum
Ilex	Vinca
Jasminum	Weigela
Juniperus	Xylosma
Ligustrum	

*Do not apply to cultivars of these genera listed in the "Limitations" section.

Gives pre-emergence control of the following weeds:

Grassy Weeds

Annual bluegrass	(<u>Poa annua</u>)
Barnyardgrass	(<u>Echinochloa crusgalli</u>)
Crabgrass	(<u>Digitaria sanguinalis</u>)
Sprangletop	(<u>Leptochloa uninervia</u>)

Broadleaved Weeds

Bittercress	(<u>Cardamine pensylvanica</u>)
Common Chickweed	(<u>Stellaria media</u>)
Cudweed	(<u>Gnaphalium obtusifolium</u>)
Dandelion	(<u>Taraxacum officinale</u>)
Fireweed	(<u>Epilobium angustifolium</u>)
Fleabane	(<u>Erigeron strigosus</u>)
Groundsel	(<u>Senecio vulgaris</u>)
Marestail	(<u>Gonyza canadensis</u>)
Oxalis	(<u>Oxalis stricta</u>)
Pearlwort	(<u>Sagina procumbens</u>)
Pepperweed	(<u>Lepidium virginicum</u>)
Pigweed	(<u>Amaranthus retroflexus</u>)
Shepherdspurse	(<u>Capsella bursa-pastoris</u>)
Sowthistle	(<u>Sonchus arvensis</u>)
Spurge, Garden	(<u>Euphorbia hirta</u>)
Spurge, Prostrate	(<u>Euphorbia supina</u>)
Spurge, Spotted	(<u>Euphorbia maculata</u>)

APPLICATION RECOMMENDATION

- o Apply to dry foliage only
- o Water in immediately to wash the particles off the plant foliage
- o Apply 2.3 lbs. product per 1,000 sq. ft. ✓
- o Repeat application at 3 month intervals

$\frac{50}{22} = 2.27 \times 1,000$

Before each application remove any existing weeds. Apply product with a properly calibrated rotary spreader that will assure accurate, even particle distribution. Product can also be applied by aerial equipment.

Apply to DRY FOLIAGE only. To test for moisture, rub hands over plant foliage. WATER IN with 1/2 - 1 inch immediately after application to wash the particles off the plant foliage and to activate the herbicide.

For season long weed control, repeat applications are required at approximately 3-month intervals during the growing season.

CONTAINER GROWN ORNAMENTALS

POTTED LINERS - Remove established weeds from liners prior to transplanting into containers. Following planting and prior to chemical application irrigate with approximately 1/2 inch water to firm potting media around root systems. After two regular waterings and foliage has dried, broadcast product evenly over the container growing area. Water in with 1/2 to 1 inch immediately after application.

BARE-ROOT LINERS - Remove established weeds before herbicide application. Broadcast product evenly over the container growing area 3 to 4 weeks after potting. Water in with 1/2 to 1 inch immediately after application.

Individual Container Applications

For situations where broadcast application of the product is not appropriate, apply the product uniformly over the entire container surface at the rates on the following table (1 gm product/sq ft):

<u>CONTAINER SIZE</u>	<u>SURFACE AREA (SQ FT)</u>	<u>GMS OF PRODUCT/CONTAINER</u>	<u>VOLUME OF PRODUCT PER CONTAINER</u>
1 gal (6" diam)	.20	.20	1/8 tsp
2 gal (9" diam)	.44	.44	1/4 tsp
3 gal (10" diam)	.55	.55	1/4 tsp (rounded)
5 gal (12" diam)	.79	.79	1/4 tsp (heaping)
15 gal (17" diam)	1.60	1.60	1/2 tsp

FIELD GROWN ORNAMENTALS

Apply immediately after planting or prior to weed seed germination following complete weed removal. Before application the soil should be loosened by light cultivation.

Water the product in with 1/2 to 1 inch immediately after application.

LIMITATIONS

Do not apply to moist foliage.

Do not apply while plants are producing a new flush of spring growth. Tender, newly forming leaves are especially sensitive and may be injured by the herbicide.

Do not apply when extreme cold stress (35° or lower) is expected.

Do not apply product in enclosed greenhouse or polyhouse structures as ornamental injury may result.

Do not use on the following plant species or cultivars:

Erica mediterranea
Euonymus alata 'Compacta'
Potentilla fruticosa 'Goldfinger'
Rhododendron spp. 'Snow'
Rhododendron spp. 'Hino-Crimson'
Sarcococca hookeriana humilis

Do not apply to plant types whose leaves channel the herbicide granules to the leaf base (such as Yucca spp. and Dracaena spp.).

Do not apply in wind conditions that affect distribution of the product.

Not recommended for use on bedding plants, liner production beds, flowers, ground covers, vegetables, edible fruit bearing plants, and turf.

Do not incorporate product into soil or potting media nor apply product directly to bare roots.

Recommended that safety glasses be worn while applying. Under prolonged use a dust filter and mask should also be worn.

Storage and Disposal

STORAGE: Store in a clean, dry place. Reseal opened bag by folding top down and securing.

PESTICIDE DISPOSAL: Do not contaminate water, food, or feed by storage or disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

IMPORTANT NOTICE: LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on the ornamentals listed on the label. However, it is understood that tests may not have been carried out on all varieties or cultivars and under all growing conditions on all plants listed on the label. The user should always follow the label directions and exercise his judgment and caution when using the product on a given variety until familiar with the results under his growing conditions.

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