

# RegalStar® II

WEEDS AND FEEDS IN ONE SEASON LONG APPLICATION

## Specimen Label

For sale, for use and storage by commercial nursery, turf and landscape personnel only. RegalStar® II is a selective pre-emergence herbicide for control of crabgrass, goosegrass, annual bluegrass and crowfoot on turf and golf courses (excluding putting greens), and a wide variety of woody ornamental shrubs, trees, and vines. RegalStar II also controls many annual broadleaf weeds, including spotted spurge, knotweed, chickweed, yellow woodsorrell and clovers.

### ACTIVE INGREDIENTS:

Oxadiazon 2-tert-butyl-4-(2,4-dichloro-5-isopropoxyphenyl)-delta<sup>2</sup>-1, 3, 4-oxadiazolin-5-one . . . . .1.0%

Prodiamine: (N3, N3-Di-n-propyl-2,4-dinitro-6-(trifluoromethyl)-m-phenylenediamine) . . . . .0.2%

INERT INGREDIENTS: . . . . .98.8%

TOTAL . . . . .100.0%

KEEP OUT OF REACH OF CHILDREN

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything to an unconscious or convulsing person.

IF IN EYES: Flush thoroughly with water for several minutes and get medical attention immediately.

IF ON SKIN: Wash with plenty of soap and water.

IF INHALED: Remove victim to fresh air.

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EPA Reg. NO. 48234-15



## GENERAL INFORMATION

RegalStar® II is a selective, pre-emergent herbicide for control of annual grasses and broadleaf weeds on a wide variety of woody ornamental shrubs, vines, and trees. It is especially effective on crabgrass (*Digitaria* spp.), goosegrass, (*Eleusine indica*), annual bluegrass (*Poa annua*) and crowfoot (*Dactyloctenium aegyptium*). Many broadleaf annual weeds such as spotted spurge (*Euphorbia maculata*), knotweed (*Polygonum* spp.), chickweed (*Stellaria media*), yellow woodsorrel (*Oxalis*), and white clover (*Malba Medic*) are controlled pre-emerge from seed. RegalStar II controls the weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

Ureaform is the fertilizer carrier of the herbicides in RegalStar II. Ureaform is a slow-release, non-burning, non-leaching, odorless, pathogen-free source of nitrogen. Applied at 200 lbs. per acre, it provides the majority or total quantity of nitrogen required by bermudagrass or bluegrass during the entire growing season.

For maximum effectiveness, sufficient rain or irrigation to wash the herbicides into the soil is required within 14 days of application. Do not apply to green, wet turf, but wash the granules off the dry turf within 14 days after application.

**Do not graze or feed livestock forage cut from areas treated with RegalStar II.**

**Do not apply this product through any type of irrigation system.**

**Do not apply aerially.**

## DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under Worker Protection Standard and that involves contact with anything that has been treated such as plants, soil, or water is:

- Long-sleeved shirts and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eye wear

## TURF

Apply RegalStar II at 200 lbs. product per acre for weed control (4 1/2 lbs. per 1000 sq. ft.). Apply in early spring before weed seed germination.

Apply to dry foliage with a properly calibrated granular applicator at the recommended rate prior to weed seed germination. Complete aerifying, verticutting and raking before applying RegalStar II, so that the protective chemical barrier is not disrupted.

Use only on recommended established turfgrasses. Germination of overseeded grasses may be reduced by as much as 50% more or less, if seeded within 6 months of an application.

For newly seeded bermudagrass, ryegrass, and bluegrasses, delay application until after second mowing. Use on newly sprigged or vegetative planted bermudagrass and bluegrass after stolons have rooted.

## APPROXIMATE SPREADER SETTINGS

(For applying RegalStar II in one pass over turf)

Listed below are approximate spreader settings. These should serve only as initial starting points for calibration because all spreaders will vary in their operation depending on the age, condition, particular model and speed of operation. Always calibrate your own spreader according to the manufacturer's recommendations.

Rate: 200 lbs. per acre, or 4 1/2 lbs. per 1000 sq. ft.

SPREADER TYPE	WIDTH	SETTING
Regal I Spreader	10'-12' spread	6 3/4
Cyclone:		
Model B-1-80	6.5 ft. spread	4.0

Gandy:

Turf Tender (24 & 42 inch) 3.8  
Speed 4 m.p.h.

Scott:

Model 100	36" spread	5 3/4
Model R8 Cone	12" spread	K1/2
Model R7X	12" spread	N
Lely	Roman Numeral II, speed 4.5	5 1/4
Vicon-speed 3.5 m.p.h.		35

Walking speeds should be adjusted to generate indicated spread widths. Slower speeds result in smaller spreads.

## WOODY ORNAMENTAL SHRUBS, VINES AND TREES

Apply RegalStar II to established plants any time during the year, prior to weed seed germination. RegalStar II can be applied to both newly transplanted and established ornamentals. Delay application to new transplants until soil has settled around plant. Application can be made to actively growing or dormant ornamentals. Cultivating or disturbing the soil may reduce the weed control of RegalStar II. **DO NOT** apply to wet foliage or under conditions in which granules will collect on leaves. **DO NOT** apply in greenhouses.

RegalStar II should be applied at 200 lbs. of product/acre or 4 1/2 lbs./1000 sq. ft. prior to susceptible weed seed germination, with a suitable spreader which will assure accurate, even particle distribution. Do not apply herbicide granules to wet foliage as phytotoxicity can result. Applications should be made to weed-free surfaces. Susceptible weeds are listed on this label under the "General Information" section. RegalStar II herbicide has shown excellent results when used on the following:

## Container &/or Field Grown Ornamentals

### Scientific Name

Acacia spp.  
Acer palmatum  
Barberis gladiolus  
Betula papyrifera  
Buxus microphylla  
Callistemon viminalis  
Camellia japonica  
Chamaecyparis pisifera  
Cornus florida  
Cortaderia selloana  
Cotoneaster spp.  
Cupressus spp.  
\*Euonymus fortunei  
Forsythia intermedia  
Gardenia jasminoides  
\*Ilex spp.  
Jasminium nudiflorum  
Juniperus chinensis  
Ligustrum amurense  
Lonicera japonica  
Magnolia spp.  
Nerium spp.  
Pachysandra terminalis  
Photinia fraseri  
Picea abies  
Pieris japonica  
Pinus spp.  
Pittosporum rhombifolium  
P. tobira  
Prunus laurocerasus  
Pyracantha coccinea  
Quercus spp.  
Raphiolepis indica  
\*Rhododendron spp.  
(Including azalea)

Santolina virens  
Taxus cuspidata  
T. media  
Thuja occidentalis  
Viburnum japonica  
Vinca major  
Vinca minor  
Weigela florida  
Xylosma congestum

\*Certain cultivars of these species may be sensitive to this herbicide. Growers should evaluate usage on a small scale prior to large scale application if not known.

### Common Name

Acacia  
Japanese Maple  
Barberry  
Birch, Paper  
Japanese Boxwood  
Weeping Bottlebrush  
Camellia, Common, Japanese  
False Cypress  
Flowering Dogwood  
Pampas Grass  
Cotoneaster  
Cypress  
Wintercreeper  
Border Forsythia  
Gardenia, Cape-Jasmine  
Holly  
Winter Jasmine  
Chinese Juniper  
Amur Privet  
Japanese Honeysuckle  
Magnolia species  
Oleander  
Pachysandra  
Frasier's Photinia (Redtip)  
Norway Spruce  
Lily-of-the-valley Shrub  
Pine  
Queensland Pittosporum  
Japanese Pittosporum  
English Laurel  
Firethorn, Scarlet  
Oak species  
Indian Hawthorne  
'Coral Bells'  
'Formosa'  
'Hino-crimson'  
'JIM'  
'Roseum Elegans'

Japanese Yew  
Yew  
American Arborvitae  
Japanese Viburnum  
Vinca  
Dwarf Periwinkle  
Old Fashioned Weigela  
Xylosma

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply where runoff is likely to occur. Do not contaminate water when disposing of equipment wash waters. Apply only as specified on this label.

## STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

**STORAGE:** Store in a cool place. Protect from excessive heat.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, pesticide spray or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or at an incineration facility, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

## PRECAUTIONARY STATEMENTS

### WARNING

### HAZARDS TO HUMANS AND

### DOMESTIC ANIMALS

### KEEP OUT OF REACH OF CHILDREN

Causes eye and skin irritation. Avoid contamination of feed and food stuffs. Keep opened containers away from children and animals. Harmful if swallowed, or absorbed through skin or inhaled. Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Prolonged or frequent repeated skin contact while handling the material may cause allergic reactions in some individuals.

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks
- Protective eye wear

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washable, use detergent and hot water. Keep and wash PPE separately from other laundry.

## User Safety Recommendations

Users Should:

Wash hands before eating, drinking, chewing gum, using tobacco or use of the toilet.

Remove clothing immediately if pesticide gets inside.

Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product.

Wash the outside of gloves before removing.

As soon as possible, wash thoroughly and change into clean clothing.

## WARRANTY AND LIMITATION OF DAMAGES

It is impossible to eliminate all risks inherently associated with the use of this product. Plant injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Regal or seller. All such risks shall be assumed by buyer or user.

Seller warrants that this material conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use and buyer assumes the risk of any use contrary to such directions. Seller makes no other express or implied warranty, including any other express or implied warranty of fitness or of merchantability, and no agent of seller is authorized to do so except in writing with a specific reference to this warranty. In no event shall seller's liability for any breach of warranty exceed the purchase price of the material as to which a claim is made.

