

# RONSTAR<sup>®</sup> 2G

SELECTIVE, PRE-EMERGENCE HERBICIDE



Bayer Environmental Science

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**GROUP**

**14**


**HERBICIDE**

## FOR CONTROL OF CERTAIN ANNUAL BROADLEAF AND GRASS WEEDS IN WOODY ORNAMENTAL SHRUBS, VINES AND TREES GROWN IN CONTAINERS

**Guarantee:** Oxadiazon 2%

**PCPA Registration No.:** 23600 PEST CONTROL PRODUCTS ACT

**Net Content** 227 kg

**Commercial:** Caution  Poison

**Date of issue:** 1.01.99

### General Information:

RONSTAR 2G is a selective, pre-emergence herbicide for control of certain annual broadleaf and grass weeds in woody ornamental shrubs, and trees grown in containers. RONSTAR 2G controls weeds by killing the young weed seedlings as they come in contact with the herbicide during germination.

Ensure RONSTAR 2G granules are distributed uniformly in the container (uniform application is essential for satisfactory weed control). Calibrate the applicator prior to use, according to the manufacturer's directions, and check frequently during the application to be certain that the equipment is working properly.

### Directions for Use:

For use on ornamentals grown in containers only.

**DO NOT APPLY BY AIR. NOT TO BE USED ON PLANTS GROWN IN THE FIELD.**

### USE PRECAUTIONS:

RONSTAR 2G will not work effectively under dry soil conditions and weeds emerging during this time may not be controlled. Prostrate plants, ivy, creepers or vines lying directly on the soil surface may be damaged by splashing of product onto leaves from rain or irrigation.

### TIMING:

Apply RONSTAR 2G anytime during the year, prior to weed seed germination. RONSTAR 2G can be applied to both newly transplanted and established ornamentals and trees. Application can be made to actively growing or dormant ornamentals and trees. Rainfall or overhead irrigation after application of RONSTAR 2G will improve weed control activity of RONSTAR 2G. Do NOT apply to wet foliage or under conditions in which granules will collect on leaves.

### APPLICATION RATE:

Remove existing weed growth before application.

For extended weed control, a second application of RONSTAR 2G may be needed 60 to 120 days after the previous application.

Use 10 - 22.5 g of product/m<sup>2</sup> of pot surface area.

Examples of rates of product to use per pot based on standard pot sizes:

Pot Size (diameter) (centimetres)	Rate (g of product/pot)
25	0.5 - 1.2
31	0.7 - 1.6
46	1.6 - 3.7
61	2.9 - 6.6

To calculate the amount of product to use per pot for pot sizes not listed here, use the following equation to determine the area of the pot (m<sup>2</sup>):  $3.14 \times r^2$  (where  $r = 1/2$  of the diameter of the pot: i.e. radius in metres).

Calculate the amount of product to use based on a rate of 10 - 22.5 g/m<sup>2</sup>.

### WEEDS CONTROLLED:

#### Annual Broadleaf Weeds

Stinkweed  
Bittercress  
Common groundsel  
Lamb's-quarters  
Purslane  
Black nightshade  
Pigweed\* (redroot, tumble)  
Shepherd's-purse

\*at 22.5 g product/m<sup>2</sup>

#### Annual Grass Weeds

Annual bluegrass  
Barnyard grass\*  
Green foxtail  
Yellow foxtail  
Crabgrass

### CROP TOLERANCE:

RONSTAR 2G may be used at the recommended rates on the following ornamental species:

Cherry (Nanking)	Lilac
Currant (Alpine)	Maple (Vine)
Dogwood	Pine (Mugo, Scotch)
Elder (Golden)	Potentilla
Euonymus (Emerald, Gold)	Spruce (Colorado, Serbian)
Juniper	

**Note:** The following plant varieties have been found to be sensitive to RONSTAR 2G.

### Plant Species

Andromeda  
Azalea  
  
Cotoneaster  
Crapemyrtle  
Heath, Spring  
Hemlock, Canada  
Hibiscus  
Rhododendron  
Spruce, Norway  
Spruce, White  
Viburnum

### Varieties

Snowdrift, Temple bell  
Pink champagne, Hershey,  
Leuchtenfuer, Memoire  
John Hearrens, Hino-Crimson,  
White grandeur, Everest, Girard  
Roberta  
Eichholz, Himalayan, Shangri-la  
Petite red imp, Seminole bush  
Mediterranea pink  
Pendula  
Red heart  
Daphnoides, Nova, Zambla  
Primila  
Densena  
Davidii

### Herbicide Resistance Management:

For resistance management, RONSTAR 2G is a Group 14 herbicide. Any weed population may contain or develop plants naturally resistant to RONSTAR 2G and other Group 14 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site action, but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

#### TO DELAY HERBICIDE RESISTANCE:

Where possible, rotate the use of RONSTAR 2G or other Group 14 herbicides with different herbicide groups that control the same weeds in a field.

Use tank mixtures with herbicides from a different group when such is permitted.

Herbicide use should be based on an IPM program that includes scouting, historical information related to herbicide use and crop rotation, and considers tillage (or other mechanical), cultural, biological and other chemical control practices.

Monitor treated weed populations for resistance development.

Prevent movement of resistant weed seeds to other fields by cleaning harvesting and tillage equipment and planting clean seed.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or integrated weed-management recommendations for specific crops and weed biotypes.

For further information or to report suspected resistance, contact your local Bayer CropScience representative, or call Bayer CropScience Inc. free at 1-888-283-6847.

### Precautions:

KEEP OUT OF REACH OF CHILDREN.

Wear protective gloves and coveralls at all times when handling the product.

Avoid contact with skin, eyes and clothing.

Store the container tightly closed away from seeds, fertilizer, plants and foodstuffs.

Wash dust from skin or eyes immediately.

Harmful if swallowed.

Avoid breathing dust.

After use, wash hands and other exposed skin.

This pesticide is toxic to fish. Avoid contamination of ponds, streams, rivers and other water sources.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-866-375-4648 or [www.cropro.org/](http://www.cropro.org/).

This product contains a petroleum distillate which is moderately to highly toxic to aquatic organisms. Avoid contamination or aquatic systems during application. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

### First Aid:

**If swallowed**, induce vomiting by touching the back of the throat with a finger or blunt object. Repeat until vomit fluid is clear. Get medical attention or contact a poison control centre.

**In case of skin contact**, remove contaminated clothing and wash skin thoroughly with soap and water.

**In case of eye contact**, flush with plenty of water for 15 minutes and get medical attention.

#### TOXICOLOGICAL INFORMATION:

Medical personnel should contact Bayer CropScience's medical information services toll-free 1-800-334-7577. This product contains **PETROLEUM DISTILLATES**.

### Storage:

May be stored at any temperature.

### Disposal:

1. Empty bag.
2. Follow provincial instructions for any required additional cleaning of the bag prior to its disposal.
3. Make the empty bag unsuitable for further use.
4. Dispose of the bag in accordance with provincial requirements.

#### DISPOSAL OF UNUSED, UNWANTED PRODUCT:

For information on the disposal of unused, unwanted product, or contaminated, unwanted soil, and for the cleanup of spills, contact the Provincial Regulatory Agency or the Manufacturer.

### Notice to Buyer:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

### Notice to User:

This control product is to be used only in accordance with the directions on this label. It is an offense under the Pest Control Products Act to use a control product under unsafe conditions.

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**IN CASE OF SPILLS, POISONING OR FIRE,  
TELEPHONE EMERGENCY RESPONSE NUMBER  
1-800-334-7577 (24 HOURS A DAY)**

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