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# TURF SUPREME<sup>®</sup> PLUS RONSTAR<sup>®</sup> 15-5-7

FOR SALE TO, USE AND STORAGE BY PROFESSIONAL  
TURF MAINTENANCE PERSONNEL ONLY. NOT FOR USE ON  
HOME LAWNS.

A fertilizer combined with a selective preemergent herbicide designed to control  
annual grasses and broadleaf weeds in ornamental turf and woody ornamental  
shrubs, vines and trees while promoting green growth of turf and ornamentals.

<b>ACTIVE INGREDIENT:</b>		<b>BY WT.</b>
✓ Oxadiazon (2-tert-butyl-4-(2,4 dichloro-5-isopropoxyphenyl)- Δ <sup>2</sup> -1,3,4-oxdiazolin-5-one)	.....	2.0%
<b>INERT INGREDIENTS:</b>	.....	98.0%
	<b>TOTAL</b>	<b>100.0%</b>

1.2%

EPA Registration No. 7001-  
EPA Est. No. 7001-CA-1

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**

See back panel for additional precautionary statements.

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED drink 1 or 2 glasses of water and induce vomiting by touching back of throat  
with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get  
medical attention. IF INHALED remove victim to fresh air. IF ON SKIN wash with soap and a large  
volume of water. Seek medical attention if irritation persists. IF IN EYES flush with water for at  
least 15 minutes. Seek medical attention if irritation persists.

ACCEPTED  
with comment  
APR 9 1984  
EPA REG. NO. 7001-3163

**NET CONTENTS 50 LBS.**

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Causes eye and skin irritation. Avoid contact with skin, eyes, or clothing. Avoid contamination of  
feed and food-stuffs. Keep opened containers away from children and animals. Wash clothing  
and equipment after handling this product. Do not allow domestic animals to graze treated areas.  
Wear protective clothing including long sleeve shirt and gloves when handling.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Use with care when applying in areas adjacent to any body of water.  
Do not contaminate water by cleaning of equipment or disposal of wastes. Avoid contamination  
of water intended for irrigation or domestic use.

#### STORAGE AND DISPOSAL

**STORAGE:** Store in a cool, dry, ventilated area. Do not contaminate water, food or feed by  
storage or disposal. Open dumping is prohibited.

✓ **DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an  
approved waste disposal facility. 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.

## GUARANTEED ANALYSIS

TOTAL NITROGEN (N) .....	15.0%
15.0% AMMONIACAL NITROGEN	
AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> ) .....	5.0%
SOLUBLE POTASH (K <sub>2</sub> O) .....	7.0%
SULFUR AS ELEMENTAL .....	18.0%
IRON AS ELEMENTAL .....	1.5%
ZINC AS ELEMENTAL .....	0.1%

Derivation of ingredients: Nitrogen and Phosphorus is derived from Ammonium Phosphate, Potash from Potassium Chloride, Sulfur from Ammonium Sulfate, Iron from Iron Sulfide, Zinc from Zinc Oxide.

### GENERAL INFORMATION ✓

Turf Supreme® Plus Ronstar® is a fertilizer combined with a selective preemergent herbicide designed to control annual grasses and broadleaf weeds in ornamental turf and woody ornamental shrubs, vines and trees, while promoting green growth of turf and ornamentals. Kills young weed seedlings as they come in contact with the herbicide during germination.

Apply with a properly calibrated fertilizer applicator that will apply the granules uniformly (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 ✓

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

#### ORNAMENTAL TURF ✓

For use in established perennial Bluegrass, Bermudagrass, Perennial Ryegrass, St. Augustinegrass, Tall Fescue, and Zoysia turf; such as, fairways, parks, golf courses, and lawns. Controls Crabgrass (*Digitaria spp.*), Annual Bluegrass (*Poa annua*), and Goosegrass (*Elyusine indica*); also controls Florida Pusley (*Richardia scabra*), Oxalis (*Oxalis spp.*), Stinging Nettle (*Urtica dioica*), Carpetgrass (*Axonopus affinis*), and Pigweed (*Amaranthus spp.*)

Rake turf area free of leaves, mowing if necessary, so granules reach soil surface. Measure area to be treated and uniformly apply required amount using a fertilizer spreader. Cross-treating with one-half required amount in each direction will give best results. Do not apply to wet turf. A thorough irrigation should follow shortly after application for increased effectiveness.

#### AMOUNT TO USE:

**Crabgrass and Goosegrass Control:** For preemergent control, apply 167-333 pounds per acre, 2 to 4 pounds active ingredient, or 3.3-6.7 pounds per 1,000 sq. ft. in early spring prior to seed germination. Application made after March or April may not be fully effective.

**Annual Bluegrass Control:** For preemergent control, apply 333 pounds per acre, 4 pounds active ingredient, or 7 pounds per 1,000 sq. ft. in late summer to early fall or in early spring prior to seed germination.

**Pigweed, Florida Pusley, Oxalis, Stinging Nettle, and Carpetgrass Control:** For preemergent control of these weeds apply 333 pounds per acre, 4 pounds active ingredient, or 7 pounds per 1,000 sq. ft. in early spring prior to weed seed germination.

For St. Augustinegrass turf, do not exceed the rate of 266 pounds per acre, 5.2-3 pounds active ingredient.

May cause discoloration of Bermudagrass and St. Augustinegrass. This discoloration is temporary and normally disappears within 2 to 3 weeks.

Red Fescue and Bentgrass are not tolerant to Ronstar. The use of this product on turf containing Red Fescue or Bentgrass should be limited to situations where they are undesirable grasses. Avoid contact with flowers and shrubs except as recommended elsewhere on this label. Do not apply to newly seeded areas. Seedling into treated areas should be delayed until 4 months after treatment. Do not apply to Clonal or other Clonal Bentgrass.

#### WOODY ORNAMENTAL SHRUBS, VINES AND TREES

##### APPLICATION:

Apply any time during the year prior to weed seed germination for weed control. Can be applied to both newly transplanted and established ornamentals. Application can be made to actively growing and dormant ornamentals. Rainfall or overhead irrigation must follow application. Do not work into the soil. Cultivating and disturbing the soil may reduce weed control activity. Do not apply to wet foliage or under conditions in which granules will contact foliage.

**AMOUNT TO USE:**

**Ground Application** — Apply broadcast to ornamentals at 167 to 333 pounds of product per acre (or 3 1/2 to 7 1/2 pounds per 1,000 sq. ft.) depending on the weeds to be controlled, as listed below. Remove existing weed growth before application.

**Turf Supreme® Plus Ronstar®** at 167 to 333 pounds (2.0 to 4.0 pounds of active ingredient) per acre is effective in controlling annual grasses and broadleaf weeds such as:

**ANNUAL BROADLEAF WEEDS**

Bittercress (*Cardamine spp.*)  
 Carpetweed (*Mollugo verticillata*)  
 Common Groundsel (*Senecio vulgaris*)  
 Common Purslane (*Portulaca oleracea*)  
 \*Eveningprimrose (*Oenothera spp.*)  
 \*Galinsoga (*Galinsoga spp.*)  
 Golden Ragwort (*Senecio aureus*)  
 Lambsquarters (*Chenopodium album*)

Pennsylvania Smartweed  
 (*Polygonum pennsylvanicum*)  
 Petty Spurge (*Euphorbia pepus*)  
 Redroot Pigweed (*Amaranthus retroflexus*)  
 Speedwell (*Veronica spp.*)  
 Spotted Catsear (*Hypochaeris radicata*)  
 \*Swinecress (*Coronopus didymus*)  
 Yellow Woodsorrel (*Oxalis stricta*)

**ANNUAL GRASSES**

Annual Bluegrass (*Poa annua*)  
 \*Barnyardgrass (*Echinochloa crus-galli*)  
 Crabgrass (*Digitaria spp.*)  
 \*Use 250 to 333 pounds (3.0 to 4.0 pounds of active ingredient) per acre for less susceptible weeds.

Fall Panicum (*Panicum dichotomiflorum*)  
 Green Foxtail (*Setaria viridis*)

**NOTE:**

For the control of Liverwort (*Marsilea spp.* in California), Goosegrass (*Eusine indica*) and Prostrate Spurge (*Euphorbia supina*), use 333 pounds (4.0 pounds of active ingredient) per acre.

**CROP TOLERANCE:**

Turf Supreme® Plus Ronstar® is recommended for use on a wide variety of container and field grown woody ornamental shrubs, vines, and trees. Turf Supreme® Plus Ronstar® may be used at the recommended rates on the following ornamental species:

**CONTAINER GROWN**

ESTABLISHED		NEWLY TRANSPLANTED	
SPECIES	VARIETIES	SPECIES	VARIETIES
Agapanthus—	Africanus	Jasmine—	Yellow Star, Star
Andromeda—	American	Juniper—	Bar Harbor, Wilton, Torulosa, Pfitzeriana, Compacta, Pfitzeriana Aurea, Torulosa variegata, Pfitzeriana Glauca, Gulf Stream, Tam, Armstrongii, Shore, Andora, San Jose, Blue Haven, Stricta, Jade River, Broadmoor, Meyer, Rocket, Plumosa, Royal Beauty, Praecox, Greek, Apiculata, Blackburn, Plumosa Compacta, Procumbens, Blue Pfitzer
Arboretum—	American, Eastern, Oriental, Aureanana, Globe, Pyramidal, Woodward	Justica—	Brandegeana
Arctostaphylos—	Fred, Cerise	Leucothoe—	Estesdae, Astoria
Azalea—	King Red, Red Boulder, Snowball, Karen, Kaempfer, Stuartian, Mini-shrub, Sweetheart, Supreme, Damon Beauty, Caroline, Gable, Louise, Stewartian, Rosebud	Myrtle—	Compacta, Noem
Barberry—	Redleaf, Marshall, Red, Darwin, Rain, Purpleleaf	Magnolia—	Dr. Merrill, Samuels, Somers, Grandiflora
Boxwood—	Common, Japanese	Mahonia—	Tregon, Grape-holly
Callistemon—	Blue-brush	Osmanthus—	Autumn
Camellia—	Green, Red, Pasadenia, Double, etc.	Periwinkle—	India minor
Ceanothus	Blue, etc.	Photinia—	Flazer
Cedar—	Atlas, Armstrong, A. J. M.	Pine—	Slash, Japanese, Black, Montana, Scotch, Lagger, Shore, Thunder
Cotoneaster—	Harley, Bearberry, etc.	Pittosporum—	Variegated, Japanese
Cypress—	Blue, etc.	Podocarpus—	Macropodica
Dogwood—	Red, etc.	Privet—	Japanese, Waxleaf, Bossy, etc.
Douglas Fir—	Pseudotsugamenzies	Pyracantha—	Golden, etc.
Eucalyptus—	Green, etc.	Quercus—	etc.
Euonymus—	Green, etc.	Raphiolepis—	etc.
Forsythia—	Emerald, etc.	Rhododendron—	etc.
Gardenia—	White, etc.	Rose—	etc.
Ginkgo—	etc.	Star Jasmine—	etc.
Heath	etc.	Syzygium—	etc.
Heather—	etc.	Viburnum—	etc.
Hedera—	etc.	Xylocopa—	etc.
Honeysuckle—	etc.		
Holly—	etc.		

Cypress—	Monterey	Pyracantha—	Grabert
Dogwood—	Red Osier	Rhododendron—	Snow, Blue Diamond, Chionoides, PJM, Dr. Rutgers
Euonymus—	Greenlane, Emerald Cushion, Spreading	Rose—	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong
Forsythia—	Lynwood Gold		
Holly—	Rotundifolia, Helleri, English, Japanese		

**FIELD GROWN**

**ESTABLISHED**

SPECIES	VARIETIES	SPECIES	VARIETIES
Arbutus—	Pyramidal	Pithecocten—	Undulatum
Ash—	Green	Privet—	California, Japanese
Azalea—	Minodisgeri	Rhododendron—	Rosebud
Berberis—	Red, Mentor	Rose—	Texas Centennial, Sutters Gold, Show Girl
Birch—	Clump, Paper	Russian Olive	
Camellia—	Tiffany, Marie Bracev, Elizabeth Dowd, Tom Knudsen, Crimson Robe, R.D. Wheeler	Spruce—	Black Hills, Norway, Serbian
Celastrus—	Lowfast, Skolgholm	Taxus—	Taunton Spreading Yew, Hicks
Crabapple—	Flowering, Toringo	Taxus—	Canadian Hemlock
Dogwood—	Redstemmed, Red, Flowering	Viburnum—	European Cranberry Bush
Euonymus—	Burning Bush, Dwarf Burning Bush, Jewell	Xylocopa—	
Forsythia—	Showy Border, Lynngold, Lynwood Gold, Goldenbell	Ground Clevers	
Holly—	Boxleafed, Green Island, Japanese	Carpetbouts—	Edule
Honeysuckle—	Zabeli	Osteospermum	
Juniper—	Plumosa, Mint Julip, Arcadia, Variegata, Plumosa Compacta, Andora, Wiltoni, Hetzi	Sedum—	Album
Lilac—	Persian Dwarf Korean	Algerian Ivy	
Maple—	Armur	Vinca Major	
Oak—	Red	English Ivy	
Periwinkle—	Vinca Minor	Pachysandra—	Terminalis
Pine—	Austrian, Scotch, Norway, Stone, Japanese, Black, Ladyly, Slash, Eastern White	Ajuga—	Reptans
		Euonymus—	Fortunei, Radicans
		Pine—	

**NEWLY TRANSPLANTED**

SPECIES	VARIETIES	SPECIES	VARIETIES
Camellia—	Tiffany, Marie Bracev, Elizabeth Dowd, R.D. Wheeler, Tom Knudsen, Crimson Robe	Periwinkle—	Vinca Minor
Dogwood—	Redstemmed, Red, Flowering	Pine—	White Austrian, Eastern White
Forsythia—	Showy Border, Lynwood Gold, Goldenbell	Privet—	California, Japanese
Hedera—	English Ivy	Rhododendron—	Rosebud
Holly—	Green Island, Japanese	Russian Olive	
Juniper—	Plumosa, Andora, Wiltoni, Hetzi	Spruce—	Black Hills, Norway, Serbian
Oaks—	Red	Taxus—	Hicks
		Taxus—	Canadian Hemlock

**ADDITIONAL APPLICATIONS**

For continued weed control, additional applications may be made 60 to 120 days after the previous application in the following situations:

**2 REPEAT TREATMENTS**

**CONTAINER GROWN ESTABLISHED**

SPECIES	VARIETIES
Abelia—	Green and White
Common Boxwood	
English Ivy	
Holly—	Green Island, Japanese
Juniper—	Plumosa, Andora, Wiltoni, Hetzi
Pine—	White Austrian, Eastern White
Rhododendron—	Rosebud

**CONTAINER GROWN NEWLY TRANSPLANTED**

SPECIES	VARIETIES
Common Boxwood	
English Ivy	
Juniper—	Plumosa, Andora, Wiltoni, Hetzi
Pine—	White Austrian, Eastern White
Rhododendron—	Rosebud

**FIELD GROWN ESTABLISHED AND NEWLY TRANSPLANTED**

SPECIES	VARIETIES
Holly—	Green Island, Japanese, Dwarf Burford, Burford

**3 REPEAT TREATMENTS**

**CONTAINER GROWN ESTABLISHED**

SPECIES	VARIETIES
Abelia—	Green and White
Holly—	Green Island, Japanese
Rhododendron—	Rosebud

**GREENHOUSE GROWN**

**ESTABLISHED**

SPECIES	VARIETIES
Rose—	Summer Snow, Bigleaf Winter Creeper, Charlotte Armstrong

**FOREST NURSERIES**

SEEDLINGS - At least 3 weeks old

SPECIES	VARIETIES
Pine—	White Austrian, Eastern White

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDE PROGRAMS REGISTRATION DIVISION, WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
<b>NOTICE OF PESTICIDE:</b>  <i>Under the Federal Insecticide, Fungicide, and Rodenticide Act</i>	NAME OF PESTICIDE PRODUCT	
NAME AND ADDRESS OF REGISTRANT (Include ZIP Code)		
<p>NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.</p> <p>On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.</p> <p>A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.</p> <p>Registration is in no way to be construed as an endorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.</p>		
<input type="checkbox"/> ATTACHMENT (SEE INSTRUCTIONS)		
SIGNATURE OF REGISTRANT		DATE

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3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Richard P. Mountfort *RFM*  
Product Manager (2)  
Fungicide-Herbicide Branch  
Registration Division (TS-767)

Enclosure

RD-Dts:DKK-33242:Mountfort:GG:Raven:557-2226:4/4/84/Del.4/16:RD-23