



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

November 26, 2025

Bonita Lowry
Americas Regulatory Affairs Senior Analyst
EVERRIS NA INC.
P.O. BOX 3310
DUBLIN, OH 43016

Subject: Label Amendment - Registration Review Mitigation for Oryzalin
Product Name: ROUT ORNAMENTAL HERBICIDE
EPA Registration Number: 58185-27
Case Number: 480666
Application Dates: July 14, 2022 & November 20, 2025

Dear Bonita Lowry:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Oryzalin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Caleb Carr by phone at 202-566-0636, or via email at carr.caleb@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read 'M. K. Muhammad-Perch', with a long, sweeping horizontal line extending to the right.

Maryam K. Muhammad-Perch, Team Lead
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

Note to PM: Technical Specimen Label

[Everris®]

ACCEPTED

11/26/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 58185-27

ROUT®

Ornamental Herbicide

For preemergence control of weeds in container,
field grown and landscape ornamentals, cut
flowers and foliage crops.

- Excellent, broad spectrum control including difficult weed species, such as spurge, chickweed, groundsel, and oxalis.
- Even distribution of particles at the proper application rate.
- Application to dry foliage only.
- Application timing when plants are not breaking dormancy or making a flush of growth.
- Application at least two (2) weeks prior to enclosure in greenhouse/shadehouse type structures and two (2) weeks prior to shipping.

PACKAGING

Unit Size:
50 lb.bag

STOCK #XXXXX
(See next page for
label information)

Distributed by:

Everris NA Inc. P.O. Box 3310 Dublin, Ohio 43016

If you have any questions regarding the use of this product, call TOLL FREE 1-800-492-8255

| | | | |
|--------------------|--------------|-----------|------------------|
| OXYFLUORFEN | GROUP | 14 | HERBICIDE |
| ORYZALIN | GROUP | 3 | HERBICIDE |

[Note to PM: Front Panel]

Intended for Sale To, Use and Storage By Commercial Nursery, Cut Flower, Foliage And Landscape Personnel Only.

Rout® Ornamental Herbicide

For preemergence control of weeds in container, field grown and landscape
ornamentals, cut flowers and foliage crops.

ACTIVE INGREDIENTS:

Oxyfluorfen[†] 2.00%

Oryzalin^{††} 1.00%

OTHER INGREDIENTS: 97.00%

TOTAL 100.00%

[†]CAS# 42874-03-3

^{††}CAS# 19044-88-3

KEEP OUT OF REACH OF CHILDREN

CAUTION

**[SEE ATTACHED LABELING FOR DIRECTIONS FOR USE AND ADDITIONAL
PRECAUTIONARY STATEMENTS]**

FIRST AID

IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for further treatment advice.

IF SWALLOWED: Call a poison control center immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF INHALED: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice.

Have the product or label with you when calling poison control center or doctor, or going for treatment. You may also call 888-241-6409 for emergency medical assistance.

EPA Reg. No. 58185-27

EPA Est. No. 8378-IN-1^K

EPA Est. No. 9198-OH-1^M

EPA Est. No. 82757-OH-1^{MF}

Superscript used is first letter of run code on end of container

[Product of U.S.A.] NET WEIGHT: 50 LBS. (22.6 kg)

© 2010, ROUT® is a registered trademark of Everris International BV for its brand of ornamental herbicide.

Everris NA Inc. P.O. Box 3310 Dublin, Ohio 43016

1-800-492-8255

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals.

CAUTION. Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category F on an EPA chemical resistance category selection chart.

Mixers, loaders, applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves made of barrier laminate, butyl rubber >14 mils, nitrile rubber >14 mils, or Viton >14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposures
- Chemical-resistant apron (mixers and loaders)
- Under prolonged use, a dust filter and disposable protective garment are additionally recommended.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE 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.

Environmental Hazards: This pesticide is toxic to wildlife and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Use with care when applying in areas adjacent to any body of water.

Runoff from treated areas may be hazardous to organisms in neighboring areas. See Directions for Use for additional restrictions. Apply this product only as specified on the label. Do not contaminate water when disposing of wash water. In case of spills, either collect for use or dispose of properly.

Groundwater Advisory: This product is known to leach through soil into groundwater under certain conditions as a result of label use. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize off-site movement.

DESCRIPTION:

ROUT® Ornamental Herbicide is a preemergent herbicide and does not control established weeds. ROUT® Ornamental Herbicide combines two selective herbicides on one clay granule giving the user a broader spectrum of weed control and ornamental plant tolerance. ROUT® Ornamental Herbicide is not registered for use on vegetable or edible fruit bearing crops, turf, bedding plants or flowering crops except as described in the landscape ornamentals and cut flower and foliage crops sections.

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, 40 CFR 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 the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours for all crops/sites, except conifer trees. The REI for conifer trees is 6 days. PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: Coveralls worn over long-sleeved shirt and long pants; chemical-resistant gloves made of barrier laminate, butyl rubber >14 mils, nitrile rubber >14 mils, or Viton >14 mils; chemical-resistant footwear plus socks; and chemical-resistant headgear, if overhead exposure.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forest, nurseries or greenhouses.

Do not enter or allow others to enter until dusts have settled.

WEED RESISTANCE MANAGEMENT

For resistance management, please note that ROUT® Ornamental Herbicide contains both a Group 14/Oxyfluorfen and a Group 3/Oryzalin herbicide. Any weed population may contain plants naturally resistant to Group 14 and/or Group 3 herbicides. The resistant individuals may dominate the weed population if these herbicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay herbicide resistance, take one or more of the following steps:

- Rotate the use of ROUT® Ornamental Herbicide or other Group 14 or 3 herbicides within a growing season sequence or among growing seasons with different herbicide groups that control the same weeds in a field or other use sites.
- Adopt an integrated weed-management program for herbicide use that includes scouting and uses historical information related to herbicide use and crop rotation, and that considers tillage (or other mechanical control methods), cultural (e.g. higher crop seeding rates; precision fertilizer application method and timing to favor the crop and not the weeds), biological (weed-competitive crops or varieties) and other management practices.
- Fields should be scouted prior to application to identify the weed species present and their growth stage to determine if the intended application will be effective. Fields should be scouted after application to verify that the treatment was effective.
- Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of non-controlled plants of a particular weed species; and (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method, such as hoeing or tillage. Prevent movement of resistant weed seeds to other sites by cleaning equipment and avoid moving plant material between sites.
- Contact your local company sales representative, extension specialist, and/or certified crop advisor, for herbicide resistance management and/or integrated weed management recommendations for specific crops and resistant weed biotypes. Ask if suspected resistant weeds to these modes of action have been found in your region. Do not assume that each listed weed is being controlled by multiple modes of action. Co-formulated active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredients in the product.
- Report any incidence of non-performance of this product against a particular weed species to Everris at 800-492-8255. If resistance is suspected, treat weed escapes with a herbicide having a different mechanism of action and/or use non-chemical means to remove escapes, as practical, with the goal of preventing further seed production.

BEST MANAGEMENT PRACTICES

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. A diversified weed management

program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the labeled rate and directions for use is important to delay the selection for resistant weeds. Scouting after herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed.

APPLICATION RECOMMENDATIONS

For use only on container, field grown, and landscape ornamentals. This herbicide product has been extensively researched; however, testing has not been conducted on all species or cultivars, or under all growing conditions. In some instances performance characteristics may vary.

The user should exercise reasonable judgment and caution with this product. Until familiar with results under user growing conditions, untreated check blocks should be left in each for variety for performance comparisons.

ROUT® Ornamental Herbicide should be applied at the recommended rate with a properly calibrated spreader which will assure accurate, even particle distribution. **Do not disturb the soil surface once the product has been applied as the herbicide barrier will be broken.** Best results are obtained when the product is watered in with approximately ½ inch of water immediately following application. Adequate moisture is required to activate the herbicide and wash particles off the foliage.

Users can determine if proper rate and distribution is being achieved by using an Everris Rate Calibrator which is available free from Everris. This simple tool allows you to quickly calibrate your application method.

APPLICATION RATES

| Amount of ROUT® | Square Foot | 100 Square Foot | Acre | Square Meter | 100 Square Meter |
|-----------------|-------------|-----------------|---------|--------------|------------------|
| | 1 g | 100 g | 100 lbs | 10.8 g | 1.1 kg |

1 ounce = 28 grams (g)

Do not apply more than 100 lbs of product (2 lbs of oxyfluorfen and 1 lbs of oryzalin) per acre/application.

Do not apply more than 200 lbs of product (4 lbs of oxyfluorfen and x 2 lbs of oryzalin) per acre/year.

A. CONTAINER GROWN ORNAMENTALS

Apply ROUT® Ornamental Herbicide in the spring or fall prior to weed seed germination or following complete weed removal. Repeat applications at three (3) month intervals (minimum) during the growing season. Fall applications should be made two (2) weeks prior to placing plants in enclosed greenhouse structures.

Do not wait longer than three (3) months to reapply. Three months is the maximum residual for ROUT® Ornamental Herbicide under most conditions. Potted liners – Remove established weeds from liners prior to transplanting into containers. Following planting, and prior to chemical application, irrigate with approximately ½ inch of water to firm potting media around root systems. Allow foliage to dry. Broadcast product evenly over the container growing area. Water in with approximately ½ inch of water immediately after application.

Bare-root liners – Remove established weeds before herbicide application. Broadcast product evenly over the container growing area three (3) weeks after potting. Irrigate with approximately ½ inch of water immediately after application.

In container production nurseries where runoff water is recycled, care must be taken to locate pump intake line opening(s) close to the collection pond surface to avoid disturbing and recirculating clay fractions/organic matter accumulation near the pond bottom. This debris/settlement may contain amounts of previously applied pesticides tied-up on these clay/organic matter fractions and may lead to plant injury.

B. FIELD GROWN ORNAMENTALS AND LABELED CHRISTMAS TREES

Apply immediately after planting or in the spring prior to weed seed germination or following complete weed removal. Apply ROUT® Ornamental Herbicide at 50 lbs./A rate (one bag/acre) for a maximum of two (2) applications per growing season, or at 100 lbs./acre rate once a year. Do not reapply at less than three (3) month intervals for field grown ornamentals and at less than two (2) month intervals for Christmas trees. ROUT® Ornamental Herbicide is not recommended for use on bare rootstock if irrigation is not available.

Potted liners – Remove established weeds from liners prior to transplanting into field. Following planting and prior to chemical application irrigate with approximately ½ inch water to firm soil around root systems. Allow foliage to dry. Broadcast product evenly over the field growing area. Water in with approximately ½ inch of water immediately after application and leave the soil undisturbed.

Bare-root liners – Irrigate with approximately ½ inch of water after planting to firm soil around root systems. Remove established weeds before herbicide application. Broadcast product evenly over the field growing areas one (1) week after planting. Irrigate with approximately ½ inch of water immediately after application and leave the soil undisturbed. Loosen the soil by light cultivation prior to re-application of ROUT® Ornamental Herbicide.

C. LANDSCAPE ORNAMENTALS

Application of ROUT® Ornamental Herbicide should be directed only to those species listed on the ROUT® Ornamental Herbicide label. ROUT® Ornamental Herbicide is not registered for use on vegetables or edible fruit bearing crops, turf, bedding plants or flowering crops except Protea and Salvia species. Apply ROUT® Ornamental Herbicide at 100 lbs./acre rate.

Apply immediately after planting or in the spring prior to weed seed germination or following complete weed removal. Irrigate with approximately ½ inch of water immediately after application and leave the soil undisturbed. Do not reapply at less than two (2) month intervals. Do not apply more than two (2) applications per season.

D. CUT FLOWER AND FOLIAGE CROPS

Follow all use precautions listed on the label **unless excluded under specific crops below.** Apply prior to weed seed germination or following complete weed removal. Following planting, and prior to chemical application, irrigate with approximately ½ inch of water to firm soil around roots. Always allow foliage to dry completely prior to ROUT® Ornamental Herbicide application. Broadcast product evenly over the production area at the proper rate. Irrigate immediately after application to activate the herbicide. Wait three (3) weeks before applying to bare root plantings. Do not reapply at less than three (3) month intervals.

FIELD GROWN PROTEA

Apply ROUT® Ornamental Herbicide at 100 lbs./A rate to field plantings of 1-2 year Protea nursery stock. Re-applications can be made at three (3) month intervals throughout the production cycle. Apply ROUT® Ornamental Herbicide at 50 lbs./acre to soils with low organic matter levels (0.5-2%). Shallow feeder roots exposed by cultivation or erosion should be covered prior to ROUT® Ornamental Herbicide application.

SARAN HOUSE GROWN ANTHURIUMS

Apply ROUT® Ornamental Herbicide at 100 lbs./A at three (3) month intervals. Do not reapply at less than three (3) month intervals. Do not treat greater than ¼ (25%) of any saran production unit in a given day. All plant tissue (leaves/stems) must be completely dry prior to ROUT® Ornamental Herbicide application. Avoid contact with leaf petiole attachments and flowering

parts. Application should be made with granular spreaders which allow for directed placement of ROUT® Ornamental Herbicide to the base of plants. Consideration should be given to providing optimum ventilation to areas treated with ROUT® Ornamental Herbicide to avoid injury due to vapors.

DRACAENA FIELD STOCK

Apply ROUT® Ornamental Herbicide at 100 lbs./acre rate at a minimum three (3) month retreatment interval. Applications must be made with a granular spreader which allows for directed placement of ROUT® Ornamental Herbicide to the base of plants. When establishing new field stock plantings, bind foliage of unrooted cuttings with rubber bands or string to prevent lodging of granules in leaf whorls (see PRECAUTIONS) and to allow for placement of product to base of plants. ROUT® Ornamental Herbicide may be reapplied after cuttings have been taken from field stock.

Before application the remaining side shoots (with expanded leaves) should be removed to prevent lodging of the granules in the leaf whorls.

The species listed below have been tested under actual growing conditions and found tolerant at the recommended application rate.

Abelia

x grandiflora (Glossy Abelia)

Achillea

millefolium 'Cerise Queen' (Yarrow)

Acer

palmatum 'Atropurpureum' (Red Japanese Maple)

Alyogyne

huegelii (Blue Hibiscus)

Andromeda

polifolia (Bog Rosemary)

Anthurium

andraeanum (Ozaki Red Anthurium)

Arctostaphylos

uva-ursi (Bearberry/Kinnikinnick)

Banksia

menziesii 'Raspberry Frost'

(Raspberry Frost Banksia)

Berberis

thunbergii 'Crimson Pygmy' (Crimson Pygmy Barberry)

Bougainvillea

spp. 'Barbara Karst' (Barbara Karst Bougainvillea)

Buxus

microphylla 'Green Velvet' (Boxwood)

microphylla japonica (Japanese Boxwood)

sempervirens 'Welleri' (English Boxwood)

Camellia

japonica 'Lady Laura'

Carissa

grandiflora 'Fancy' (Natal Plum)

Cataranthus

roseus 'Vinca Blue Pearl'

Chamaecyparis

obtusa 'Aurea' (Gold Hinoki False Cypress)

pisifera

'Filifera Aurea Nana' (Dwarf Golden Thread-

Branch Cypress)

pisifera 'Filifera Aurea' (Cypress)

Cercis

canadensis (Redbud)

Codiaeum

norma 'Low Lite' (Low Lite Croton)

Coreopsis

verticillata 'Moonbeam'

Cornus

baileyi (Baileyi Dogwood)

florida (Flowering Dogwood)

Cotoneaster

dammeri 'Coral Beauty' (Coral Beauty

Cotoneaster)

salicifolius 'Repens' (Willowleaf Cotoneaster)

Cupressus

sempervirens 'Glaucua' (Italian Cypress)

Deutzia x

'Magician'

Dianthus

spp. 'Baths Pink'

Diosma

ericoides (Breath of Heaven)

Dracaena

massangeana (Cornplant)

deremensis 'Warneckii' (Striped Dracaena)

Elaeagnus

pungens 'Fruitlandii' (Fruitland Silverberry)

Eriobotrya

japonica (Loquat)

Escallonia

x exoniensis 'Fradesii' (Frades Escallonia)

Euonymus

alata 'Compacta' (Dwarf Burning Bush)

fortunei 'Emerald 'n Gold' (Emerald Gold E.)

fortunei 'Gold Edge' (Gold Edge E.)

fortunei 'Vegetus' (Euonymus Vegetus)

kiatschovica 'Manhattan' (Manhattan E.)

Euphorbia

milii (Crown of Thorns)

Ficus

benjamina 'Lady Diane' (Weeping Fig)

lyrata (Fiddleleaf Fig)

microcarpa nitida (Little Leaf Ficus)

Forsythia

x intermedia 'Lynnwood' (Lynnwood Gold F.)

Fothergillia

gardenii 'Mt Airy'

Fragaria

x 'Pink Panda' (Sand Strawberry)

Gardenia

jasminoides 'August Beauty' (August Beauty
Gardenia)

Gelsemium

sempervirens (Carolina Jessamine)

Gypsophila

spp. (Baby's Breath)

Hemerocallis

spp. (Daylily)

Hibiscus

rosa-sinensis 'Brilliant' (Brilliant Hibiscus)

rosa-sinensis 'Crown of Bohemia' (Crown of
Bohemia H.)

Hypericum

spp. (St. Johnswort)

Iberis

sempervirens (Evergreen Candy Tuft)

Ilex

aquipernyi 'San Jose' (San Jose Holly)

cornuta 'Burfordii Nana' (Dwarf Burford Holly)

cornuta 'Needlepoint' (Needle Point Holly)

cornuta 'Rotunda' (Dwarf Chinese Holly)

crenata 'Convexa' (Convex Japanese Holly)

crenata 'Hetzii' (Japanese Holly)

opaca (American Holly)

vomitorea 'Schillings' (Shillings Holly)

spp. 'Blue Girl' (Dwarf Holly)

Jasminum

nitidum (Angelwing Jasmine)

spp. (Confederate Jasmine)

Juniperus

chinensis 'Gold Coast' (Gold Coast Juniper)

chinensis 'Mint Julip' (Mint Julip Juniper)

chinensis 'Pfitzerana Glauca' (Blue Pfitzer Juniper)

chinensis 'Pfitzerana Old Gold' (Old Gold Juniper)

chinensis 'Sargentii Viridis' (Green Sargent
Juniper)

chinensis 'Sea Green' (Sea Green Juniper)

conferta 'Blue Pacific' (Blue Pacific Juniper)

conferta (Shore Juniper)

horizontalis 'Bar Harbor' (Bar Harbor Juniper)

horizontalis 'Douglasii' (Waukegan Juniper)

horizontalis 'Plumosa' (Andorra Juniper)

sabina 'Broadmoor' (Broadmoor Juniper)

sabina 'Tamariscifolia' (Tam Juniper)

squamata 'Blue Star' (Blue Star Juniper)

Lantana

montevidensis (Weeping Lantana)

montevidensis 'Radiation' (Radiation Lantana)

Leucodendron

x 'Safari Sunset' (South African Rose)

Leucospermum

cordifolium (Pincushion Protea)

Ligustrum

japonicum 'Texanum' (Waxleaf Privet, Texas
Privet)

lucidum (Glossy Privet)

sinense 'Variegata' (Dwarf Variegated Chinese
Privet)

spp. 'Jack Frost' (Jack Frost Ligustrum)

x 'Vicaryi' (Vicary Golden Privet)

Lonicera

x xylostoides 'Clavey's Dwarf' (Clavey's Dwarf
Honeysuckle)

Loropetalum

chinensis 'Burgundy'

Mahonia

aquifolium (Oregon Grape Holly)

chinensis 'Pfitzerana Glauca' (Blue Pfitzer Juniper)

repens (Creeping Mahonia)

Monarda

didyma 'Claire Grace'

Microbiota

decussata (Russian Cypress)

Nandina

spp. 'Compacta'

domestica 'Nana' (Dwarf Nandina)

Nerium

oleander (Oleander)

Osmanthus

fragrans (Sweet Osmanthus)

heterophyllus 'Variegatus' (Variegated
Osmanthus)

Photinia

x fraseri (Fraser, Photinia, Red Tip)

Picea

abies 'ohlendorffii' (Norway Spruce)

glauca 'Conica' (Dwarf Alberta Spruce)

pungens 'Glauca' (Colorado Blue Spruce)

Pieris

japonica 'Mountain Fire' (Mountain Fire
Andromeda)

Pinus

elliotii (Slash Pine)

mugo mugo (Mugho Pine)

radiata (Monterey Pine)

strobus (Eastern White Pine)

sylvestris (Scotch Pine)

thunbergiana (Japanese Black Pine)

Pittosporum

crassifolium (Evergreen Pittosporum)
tenuifolium (Kohuhu Pittosporum)
tobira (Green Pittosporum)
tobira 'Wheeler's Dwarf'

Podocarpus

gracilior (Weeping Podocarpus)

Potentilla

fruticosa 'Gold Drop' (Gold Drop Potentilla)

Protea

neriifolia 'Pink Mink' (Pink Mink Protea)

Prunus

x cistena (Red-Leaf Plum)

Pyracantha

fortuneana 'Graber' (Graber Pyracantha)
'Mohave' (Mohave Pyracantha)
'Navajo' (Navajo Pyracantha)

Quercus

shumardii (Shumard Red Oak)

Raphiolepis

indica 'Ballerina' (India Hawthorn)
indica 'Pinkie' (India Hawthorn)
indica 'Pink Cloud' (Pink Cloud Raphiolepis)

Rhododendron

spp. 'Dora Amateis' (Dora Amateis R.)
spp. 'Coral Bell' (Azalea)
spp. 'Copperman' (Azalea)
spp. x exbury (Azalea)
spp. 'Pink Ruffles' (Azalea)
spp. 'Snow' (Azalea)

Salvia

farinacea (Dwarf Blue Salvia)
splendens 'Lavender Vista'

Scabiosa

columbaria 'Butterfly Blue'
columbaria 'Pink Mist'

Schefflera

arboricola (Dwarf Schefflera)

Spirea

x bumalda 'Anthony Waterer' (Anthony Waterer S.)

Syringa

meyeri 'Pallbin' (Lilac)

Taxus

media 'Hicksii'
media "Runyonii"

Ternstroemia

gymnanthera

Thuja

occidentalis 'Nigra' (Dark Green Arborvitae)
occidentalis 'Ellwangeriana Aurea' (Golden Arborvitae)
occidentalis 'Hetz's Midget' (Hetz Midget Arborvitae)
occidentalis 'Pyramidalis' (Pyramidal Arborvitae)

occidentalis 'Smaragd' (Emerald Arborvitae)
orientalis 'Aurea Nana' (Dwarf Golden Arborvitae)
orientalis 'Blue Cone' (Blue Cone Arborvitae)

Trachelospermum

asiaticum 'Solo' (Asiatic Jasmine)
asiaticum 'White Mist' (Variegated Asiatic Jasmine)
jasminoides (Confederate or Star Jasmine)

Tsuga

canadensis (Canadian Hemlock)

Vaccinium

ashei 'Homebell' (Homebell Blueberry)

Verbena

peruviana (Sand Verbena)

Viburnum

carlesii (Korean Spice Viburnum)
davidii (David Viburnum)
macrocephalum (Chinese Snowball)
plicatum 'Tomentosum' (Double File Viburnum)

Vitis

x SV5279 'Aurora' (White Wine Grape)

Weigela

florida 'Java Red' (Java Red Weigela)
spp. 'Boskoop Glory' (Boskoop Glory W.)

Xylosma

congestum

The species listed below have been tested and do not warrant use at this time.

Achillea

spp. 'Coronation Gold' (Yarrow)

Ageratum

spp. 'Hawaii Blue'

Calluna

spp. 'Forsey' (Heather)

Campanula

persicifolia 'Blue'

Celosia

spp. 'Castle Yellow'

Chrysanthemum

spp. 'Legends'

Clematis

x 'Dutchess of Edinburgh'

Dianthus

caryophyllus
deltoides 'Arctic Fire'

Digitalis

spp. 'Excelsior'

Echinacea

spp. 'Magnus'
pallida
purpurea 'Leuchstern'

Euonymus

japonica 'Silver King' (Silver King Euonymus)

Euryops

pectinatus (Greyleaf Daisy)

Ficus

pumila (Creeping Fig)

Geranium

spp. 'Pinto Red'

Hemerocallis

spp. 'Happy Returns' (Daylily)

Hydrangea

arborescens 'Annabelle'

paniculata 'Grandiflora' (Peegee Hydrangea)

Lantana

spp. 'Patriot Desert Sunset'

Leucanthemum

maximum 'White Knight' (Shasta Daisy)

Lilium

orientalis 'Mr. Ruud'

Ilex

crenata 'Helleri' (Helleri Japanese Holly)

Lupinus

spp. 'RH My Castle' (Lupine)

Magnolia

stellata 'Pinkie'

Papaver

orientale 'Pizzicato Mix' (Poppy)

Penstemon

spp. 'Thorn'

Petunia spp.

Prunus

glandulosa (Dwarf Flowering Almond)

Rhododendron

spp. 'English Roseum'

Rudbeckia

spp. 'Goldsturm' (Coneflower)

Salvia

spp. 'May Knight'

Scabiosa

spp. 'Pink Carnival'

Sedum

spectabile 'Autumn Joy'

brevifolium (Stonecrop)

Tagetes

erecta (Marigold)

Trachelospermum

asiaticum 'Oblanceolatum' (Hardy Star Jasmine)

Vinca

minor (Dwarf Periwinkle)

Zinnia spp.

**ROUT® Ornamental Herbicide has been found to give
preemergent weed control of the following weeds:**

Grassy Weeds

Annual Bluegrass

(*Poa annua*)

Barnyardgrass

(*Echinochloa crusgali*)

Crabgrass

(*Digitaria sanguinalis*)

Fall Panicum

(*Panicum dichotomiflorum*)

Foxtail, Green

(*Setaria viridis*)

Foxtail, Yellow

(*Setaria lutescens*)

Goosegrass

(*Eleusine indica*)

Kikuyu Grass

(*Pennisetum clandestinum*)

Broadleaf Weeds

Ageratum

(*Ageratum conyzoides*)

Artillery Weed

(*Pilea microphylla*)

Bittercress

(*Cardamine pensylvanica*)

Buttonweed

(*Borreria laevis*)

Castor bean

(*Ricinus communis*)

Chickweed, Common

(*Stellaria media*)

Clover, white

(*Trifolium repens*)

Dandelion

(*Taraxacum officinale*)

Fireweed

Moss

(*Isopteryquim albesceus*)

Oxalis

(*Oxalis stricta*)

Pearlwort

(*Sagina procumbens*)

Pigweed

(*Amaranthus retroflexus*)

Primrose, Cutleaf Evening

(*Oenothera laciniata*)

Purslane

(*Portulaca oleracea*)

Shepherdspurse

(*Capsella bursa-pastoris*)

Sowthistle

(*Sonchus arvensis*)

Sowthistle, Common

| | |
|-----------------------------------|--------------------------------|
| <i>(Epilobium angustifolium)</i> | <i>(Sonchus oleraceus)</i> |
| <i>(Erechtites hieraciifolia)</i> | Spurge, Garden |
| Groundsel | <i>(Euphorbia hirta)</i> |
| <i>(Senecio vulgaris)</i> | Spurge, Hairy |
| Lambsquarter | <i>(Euphorbia vermiculata)</i> |
| <i>(Chenopodium album)</i> | Spurge, Prostrate |
| Marestail | <i>(Euphorbia supina)</i> |
| <i>(Conyza canadensis)</i> | Spurge, Spotted |
| Medic | <i>(Euphorbia maculata)</i> |
| <i>(Medicago trunculata)</i> | |

PRECAUTIONS

- Do not apply product directly to bare roots of woody ornamentals as injury may result.
- Do not apply product to wet or dew covered foliage. However, should this happen, irrigate immediately to completely remove herbicide particles from leaf surfaces.
- Do not apply to whorl-leaved plants, such as *Dracaena* spp., as their leaves channel the herbicide granules to the leaf base. Note exception under 'DRACAENA FIELD STOCK'. This makes removal of product granules difficult and may result in foliage injury.
- Do not apply product in enclosed greenhouse or enclosed shadehouse type structures.
- Product should not be applied two (2) weeks prior to or two (2) weeks following leaf bud break, or during periods of flush growth. Newly forming leaves are particularly sensitive to this product. Spotting or leaf drop may result from such applications.
- Do not apply within two (2) weeks prior to enclosure in greenhouse-type structures or within two (2) weeks prior to shipping.
- Do not apply other labeled herbicides to areas treated with ROUT® Ornamental Herbicide within two (2) months following treatment. Compatibility of ROUT® Ornamental Herbicide with other ornamental herbicides has not been verified.
- Do not disturb the soil surface following application as the herbicide barrier will be broken, resulting in less than optimum weed control.
- Do not incorporate product into potting media or soil. Dilution of the active ingredient and possible injury to plant roots may result. Do not apply in wind conditions which might affect product distribution. Wind may affect product distribution and move the product onto sensitive species. Uneven product distribution will result in marginal weed control. Do not graze or feed forage from treated fields or orchards, to livestock.
- Do not apply this product by aerial application.

ROUT® Ornamental Herbicide is not recommended for use in greenhouse liner production beds; apply only to container, field grown and landscape ornamentals, cut flower and foliage crops listed.

Users who wish to use ROUT® Ornamental Herbicide on ornamental species or nonbearing fruit trees not listed on this label may determine **suitability** for such uses by making trial application of this product at a recommended rate to a small number of plants. Prior to using this product on a large number of plants, the trial treatment should be observed for signs of herbicidal injury for 3 to 6 months to determine if the treatment is safe to the target plant species.

STORAGE AND DISPOSAL

Do not contaminate water, fertilizer, other pesticides, food or feed by storage and disposal.

PESTICIDE STORAGE: Store in a dry place. Protect from water and extreme heat.

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

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or 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. Damaged container and/or spilled pesticide should be disposed of according to instructions.

DISCLAIMER AND LIMITATION OF LIABILITY

IMPORTANT NOTICE FROM EVERRIS NA INC ("EVERRIS"). PLEASE READ BEFORE USE.

To the extent consistent with applicable law, user or buyer accepts the conditions, disclaimer of warranties and limitations of liability. Read the entire directions for use, conditions of warranties and limitations of liability before using this product. If terms are not acceptable, return the unopened product container at once for full refund.

CONDITIONS: The directions for use of this product are believed to be adequate and the user or buyer must always follow the label directions carefully and exercise judgment and caution when using this product under their growing conditions. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness, unsatisfactory or substandard results or other unintended consequences may result because of such factors as weather conditions, presence or absence of other materials, or the manner of use or application, all of which are beyond the control of Everris. All such risks shall be assumed by the user or buyer.

WARRANTY: This product corresponds to all claims and descriptions set forth on the label and is reasonably fit for the purposes set forth in the directions for use on the label when used in accordance with those directions. This warranty is subject to the conditions and limitations stated herein. Everris recognizes that the rights and remedies of the user or buyer are subject to the provisions of the applicable law, but makes no other warranties or representations, express or implied, of merchantability or of fitness for a particular purpose or otherwise, that extend beyond the statements made on this label. No agent of Everris is authorized to make any warranties beyond those contained herein or to modify the warranties contained therein. Subject to the user's or buyer's rights and remedies under the applicable law, Everris disclaims any liability whatsoever for special, incidental or consequential damages resulting from the use or handling of this product.

LIMITATIONS OF LIABILITY: Subject to the user's or buyer's rights and remedies under the applicable law, the exclusive remedy of the user or buyer and the liability of Everris or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract, warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price paid by the user or Buyer for the quantity of this product involved or, at Everris' election, the replacement of the product. To the extent consistent with applicable law, Everris must have prompt notice of any claim so that a timely investigation of buyer's or user's claim can be made. Buyer and all users shall promptly notify Everris of any claims, whether based on contract, negligence, strict liability, other tort or otherwise or be barred from any remedy.