

58185-27

7/13/2004

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

JUL 13 2004

Sheila R. Kendrick
Senior Regulatory Specialist
Scotts-Sierra Crop Protection Company
14111 Scottslawn Road
Marysville, OH 43041

Subject: Label Amendment
Rout Ornamental Herbicide
EPA Registration Number 58185-27
Application Submission dated June 3, 2004

Dear Ms. Kendrick:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

1. Under First Aid the 'If in Eyes' and 'If on Skin' must be the first two exposure routes.
2. The Limitation of Liability should be changed to Warranty Disclaimer or Limitation of Remedies.

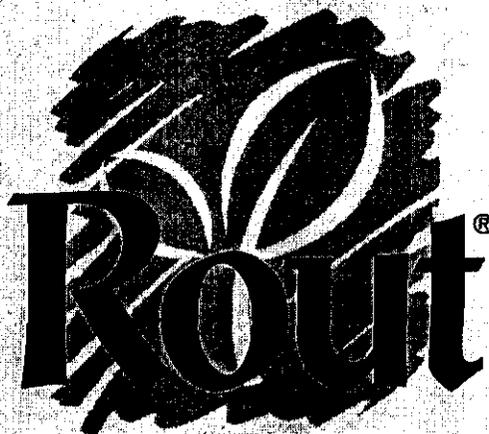
One copy of the label stamped "Accepted with comments" is enclosed for your records. This label supercedes all labels previously accepted for this product. Please submit one copy of the final printed label that incorporates the required changes before the product is released for shipment. If you have any questions, please contact Tracy White by phone at (703) 308-0042 or via email at white.tracy@epa.gov.

Sincerely,

JSI

Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure



ACCEPTED
with COMMENTS
in EPA Letter Dated
JUL 13 2004

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

58185-27

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 #95721
 (See next page
 for label information)

Distributed by:

Scotts-Sierra Crop Protection Company
14111 Scottslawn Road • Marysville, OH 43041

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

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



Ornamental Herbicide

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

ACTIVE INGREDIENTS:

Oxyfluorfen ¹	2.00%
Oryzalin ¹¹	1.00%

OTHER INGREDIENTS	97.00%
TOTAL	100.00%

¹CAS# 42874-03-3

¹¹CAS# 19044-88-3

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 ON SKIN: 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 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.

EPA Reg. No. 58185-27

EPA Est. No. 3957-TX-1(E)

EPA Est. No. 55640-OH-002(W)

EPA Est. No. 5905-IA-01

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

Product of U.S.A.

NET WEIGHT: 50 LBS. (22.6 kg)

© 2002, ROUT® is a registered trademark of Scotts-Sierra Crop Protection Company for its brand of ornamental herbicide.



Scotts-Sierra Crop Protection Company
14111 Scottslawn Road
Marysville, OH 43041
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

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.

Applicators and other handlers must wear:

- Coveralls over long-sleeved shirt and long pants
- Chemical-resistant gloves, such as barrier laminate, butyl rubber 14 mils, nitrile rubber 14 mils, or Viton 14 mils
- Chemical-resistant footwear
- 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, enclosed cabs, or aircraft 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 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: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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.

DESCRIPTION:

ROUT is a preemergent herbicide and does not control established weeds. ROUT combines two selective herbicides on one clay granule giving the user a broader spectrum of weed control and ornamental plant tolerance. ROUT 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.

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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.

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 over long-sleeved shirt and long pants; chemical resistant gloves, such as barrier laminate butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, or Viton ≥ 14 mils; chemical-resistant footwear plus socks; and chemical-resistant headgear for 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.

Keep all persons, children and pets out of the treated areas until dusts have settled.

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.

APPLICATION RECOMMENDATIONS

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 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 1/2 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 a Scotts-Sierra Rate Calibrator which is available free from Scotts-Sierra Crop Protection Company. This simple tool allows you to quickly calibrate your application method.

APPLICATION RATES

Amount of ROUT®	Square Foot	100 Square Feet	Acre	Square Meter	100 Square Meters
	1 g	100 g	100 lbs.	10.8 g	1.1 kg

1 ounce = 28 grams (g)

A. CONTAINER GROWN ORNAMENTALS

Apply ROUT 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 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 1/2 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 1/2 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 1/2 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 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 is not recommended for use on bare root stock 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 1/2 inch water to firm soil around root systems. Allow foliage to dry. Broadcast product evenly over the field growing area. Water in with approximately 1/2 inch of water immediately after application and leave the soil undisturbed.

Bare-root liners – Irrigate with approximately 1/2 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 1/2 inch of water immediately after application and leave the soil undisturbed. Loosen the soil by light cultivation prior to re-application of ROUT.

C. LANDSCAPE ORNAMENTALS

Application of ROUT should be directed only to those species listed on the ROUT label. ROUT 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 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 1/2 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 1/2 inch of water to firm soil around roots. Always allow foliage to dry completely prior to ROUT 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 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 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 application.

SARAN HOUSE GROWN ANTHURIUMS

Apply ROUT at 100 lbs./A at three (3) month intervals. Do not reapply at less than three (3) month intervals. Do not treat greater than 1/4 (25%) of any saran production unit in a given day. All plant tissue (leaves/stems) must be completely dry prior to ROUT application. Avoid contact with leaf petiole attachments and flowering parts. Application should be made with granular spreaders which allow for directed placement of ROUT to the base of plants. Consideration should be given to providing optimum ventilation to areas treated with ROUT to avoid injury due to vapors.

DRACAENA FIELD STOCK

Apply ROUT 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 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 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)
Catharanthus
roseus 'Vinca Blue Pearl'
Chamaecyparis
obtusata 'Letinea Aurea' (Gold Hinoki False Cypress) pisifera
'Fillifera Aurea Nana' (Dwarf Golden Thread-Branch Cypress)
pisifera 'Fillifera Aurea' (Cypress)
Cercis
canadensis (Redbud)
Codiaeum
norma 'Low Life' (Low Life Croton)
Coreopsis
verticillata 'Moonbeam'
Cornus
baileyi (Bailey Dogwood)
florida (Flowering Dogwood)
Cotoneaster
dammeri 'Coral Beauty' (Coral Beauty Cotoneaster)
salignifolius 'Repens' (Willowleaf Cotoneaster)
Cupressus
sempervirens 'Glaucia' (Italian Cypress)
Deutzia x
'Magician'
Dianthus
spp. 'Baths Pink'
Diosma
ericoides (Breath of Heaven)
Dracaena
massangeana (Complant)
deremensis 'Wamecki' (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 'Vegeta' (Euonymus Vegetus)
kiautschovica 'Manhattan' (Manhattan E.)
Euphorbia
mili (Crown of Thorns)
Ficus
benjamina 'Lady Diane' (Weeping Fig)
lyrata (Fiddleleaf Fig)
microcarpa nitida (Little Leaf Ficus)
Forsythia
x intermedia 'Lynnwood' (Lynnwood Gold F.)
Fothergilla
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
aquifolium 'San Jose' (San Jose Holly)
cornuta 'Burfordli Nana' (Dwarf Burford Holly)
cornuta 'Needlepoint' (Needle Point Holly)
cornuta 'Rotunda' (Dwarf Chinese Holly)
crenata 'Convexa' (Convex Japanese Holly)
crenata 'Hetzli' (Japanese Holly)
opaca (American Holly)
vomitoria '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)
- scamata 'Blue Star' (Blue Star Juniper)

Lantana

- montevidensis (Weeping Lantana)
- montevidensis 'Radiation' (Radiation Lantana)

Leucodendron

- x 'Safari Sunset' (South African Rose)

Leucospermum

- conditiform (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 xylosteoides '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

- elliottii (Slash Pine)
- mugo mugo (Mugho Pine)
- radiata (Monterey Pine)
- strobus (Eastern White Pine)
- syvestris (Scotch Pine)
- thunbergiana (Japanese Black Pine)

Pittosporum

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

Podocarpus

- gracillor (Weeping Podocarpus)
- occidentalis 'Pyramidalis' (Pyramidal Arborvitae)

Potentilla

- fruticosa 'Gold Drop' (Gold Drop Potentilla)

Protea

- nerifolia '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)

Spiraea

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

Syringa

- meyeri 'Pallbin' (Lilac)

Taxus

- media 'Hicksii'
- media "Runyon"

Ternstroemia

- gymnanthera

Thuja

- occidentalis 'Nigra' (Dark Green Arborvitae)
- occidentalis 'Eilwangeriana 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

- ashel '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.)

Xylocma

- congestum

The species listed below have been tested and results 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 'Leuchstem'

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. Rud'

Ilex
crenata 'Helleri' (Helleri Japanese Holly)

Lupinus
spp. 'RH My Castle' (Lupine)

Magnolia
stellata 'Pinkie'

Papaver
orientale 'Pizzicato Mix' (Poppy)

Penstemon
spp. 'Thom'

Petunia spp.

Prunus
glandulosa (Dwarf Flowering Almond)

Rhododendron
spp. 'English Roseum'

Rudbeckia
spp. 'Goldstrum' (Coneflower)

Salvia
spp. 'May Knight'

Scabiosa
spp. 'Pink Carnival'

Sedum
spectabile 'Autumn Joy'
brevifolium (Stonecrop)

Tagetes
erecta (Marigold)

Trachelospermum
asiaticum 'Oblianceolatum' (Hardy Star Jasmine)

Vinca
minor (Dwarf Periwinkle)

Zinnia spp.

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

Grassy Weeds

<i>Annual Bluegrass</i> (<i>Poa annua</i>)	<i>Foxtail, Green</i> (<i>Setaria viridis</i>)
<i>Barnyardgrass</i> (<i>Echinochloa crusgali</i>)	<i>Foxtail, Yellow</i> (<i>Setaria kutescens</i>)
<i>Crabgrass</i> (<i>Digitaria sanguinalis</i>)	<i>Goosegrass</i> (<i>Eleusine indica</i>)
<i>Fall Panicum</i> (<i>Panicum dichotomiflorum</i>)	<i>Kikuyu Grass</i> (<i>Pennisetum clandestinum</i>)

Broadleaf Weeds

<i>Ageratum</i> (<i>Ageratum conyzoides</i>)	<i>Moss</i> (<i>Isopteryquim albesceus</i>)
<i>Artillery Weed</i> (<i>Pilea microphylla</i>)	<i>Oxalis</i> (<i>Oxalis stricta</i>)
<i>Bittercress</i> (<i>Cardamine pensylvanica</i>)	<i>Pearlwort</i> (<i>Sagina procumbens</i>)
<i>Butterweed</i> (<i>Borreria laevis</i>)	<i>Pigweed</i> (<i>Amaranthus retroflexus</i>)
<i>Castor bean</i> (<i>Ricinus communis</i>)	<i>Primrose</i> (<i>Oenothera Cutleaf evening laciniata</i>)
<i>Chickweed, Common</i> (<i>Stellaria media</i>)	<i>Purslane</i> (<i>Portulaca oleracea</i>)
<i>Clover, white</i> (<i>Trifolium repens</i>)	<i>Shepherdspurse</i> (<i>Capsella bursa-pastoris</i>)
<i>Dandelion</i> (<i>Taraxacum officinale</i>)	<i>Sowthistle</i> (<i>Sonchus arvensis</i>)
<i>Fireweed</i> (<i>Epilobium angustifolium</i>)	<i>Sowthistle, Common</i> (<i>Sonchus oleraceus</i>)
(<i>Erechtites hieraciifolia</i>)	<i>Spurge, Garden</i> (<i>Euphorbia hirta</i>)
<i>Groundsel</i> (<i>Senecio vulgaris</i>)	<i>Spurge, Hairy</i> (<i>Euphorbia vermiculata</i>)
<i>Lambsquarter</i> (<i>Chenopodium album</i>)	<i>Spurge, Prostrate</i> (<i>Euphorbia supina</i>)
<i>Marestail</i> (<i>Coryza canadensis</i>)	<i>Spurge, Spotted</i> (<i>Euphorbia maculata</i>)
<i>Medic</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 within two (2) months following treatment. Compatibility of ROUT 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 by aerial application except for agricultural uses in California.

ROUT 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 or disposal.

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: 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. Damaged container and/or spilled pesticide should be disposed of according to instructions.

IMPORTANT NOTICE: LIMITATION OF LIABILITY

This product has been researched to provide necessary data to support its use on ornamentals. However, it is understood that tests may not have been carried out on all varieties and under all growing conditions. The user should always follow label directions and exercise judgment and caution when using this product on a given variety until familiar with the results under their growing conditions. NO WARRANTY OR REPRESENTATION IS MADE, EXPRESS OR IMPLIED, CONCERNING THE RESULTS OBTAINED FROM THE USE OF THIS PRODUCT IF NOT USED IN ACCORDANCE WITH DIRECTIONS OR ESTABLISHED SAFE PRACTICE. The exclusive remedy of the user or Buyer, and the liability of The Scotts Company or its affiliates, for any and all losses, injuries or damages resulting from the use or handling of this product shall be the purchase price paid by the user or Buyer for the quantity of this product involved. The Buyer and all users are deemed to have accepted the terms of this Notice, which may be varied only by agreement in writing signed by a duly authorized representative of The Scotts Company.