

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

ROUT[®]

Ornamental Herbicide

ACTIVE CONSTITUENTS: 20g/kg OXYFLUORFEN
10g/kg ORYZALIN

GROUP **DIG** HERBICIDE

For pre-emergent control of weeds in
container & in-ground ornamental plants

Lasts up to three months as per Directions for Use



Net Contents **22.7kg**



ROUT[®]

Ornamental Herbicide

DIRECTIONS FOR USE

Restraints

- Do NOT mix ROUT[®] into potting media as poor weed control will be obtained and plant damage is likely.
- Do NOT apply ROUT[®] in windy conditions likely to affect good distribution.
- Do NOT broadcast ROUT[®] over wet foliage.

Situation	Weeds Controlled	Application Rate	Critical Comments
Container & inground ornamental plants (See list below)	Weeds controlled by ROUT [®] include the following: Barley grass Barnyard grass Burr grass Crowsfoot grass Liverseed grass Love grass Pigeon grass Rhodes grass Rye grass Stink grass Summer grass Winter grass Amsinckia Bladder ketmia Blackberry nightshade Caltrop, Capeweed, Chickweed, Creeping oxalis, Deadnettle, Fat hen, Fleabane, Flickweed, Giant pigweed, Mallow, Mimosa, Pigweed, Prickly Lettuce, Red caustic creeper, Redshank (Amaranth), Shepherds purse, Soursob, Sowthistle, Staggerweed, Starrburr, Subterranean clover, Thornapple, White eye, Wild mustard, Wild radish, Wireweed, Willowherb	100 kg/ha or 1.0kg/100 square metres or 10g/square metre	Apply evenly over the area or pots to be treated preferably using a properly calibrated mechanical granule spreader. Apply to the surface of weed free soil preferably after cultivation or just after potting up. ROUT [®] will not control established weeds. Apply to dry foliage only and then sprinkler irrigate or hose (10-15mm) to wash granules from foliage and incorporate the herbicide into the soil. Do not apply ROUT [®] to wet foliage - should this happen irrigate or hose immediately to remove granules from the leaf surface. Follow the precautions listed below to avoid unnecessary plant damage and to obtain optimum weed control. One application will last for 2-3 months depending upon rainfall, irrigation, soil type (potting mix), temperature and weed seed burden. Retreat when the first signs of weed growth are seen but no sooner than 2 months and no later than 3 months after the first application. Do not apply ROUT [®] 2 weeks prior to or 2 weeks after leaf bud break or during periods of flush growth. Newly formed leaves are sensitive to this product. Spotting or leaf drop may result from such applications. Do not apply directly onto bare roots of woody ornamentals as injury may occur.

NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION.

IN TASMANIA THIS PRODUCT MUST NOT BE APPLIED BY AIRCRAFT WITHOUT SPECIFIC APPROVAL OF THE REGISTRAR.

GENERAL INSTRUCTIONS

Ornamentals on which ROUT[®] may be used

Testing has indicated that the following species are tolerant of ROUT[®] when used as recommended:

Abelia x grandiflora 'Francis Mason' (Glossy abelia), Acacia acinacea, Acacia baileyana (Cootamundra wattle), Acer palmatum (Japanese maple), Alnus acuminata, Arbutus unedo (Strawberry tree), Azalea indica, Betula pendula (Birch), Bougainvillea spp, Buxus microphylla v. japonica (Japanese box), Callistemon viminalis 'Captain Cook' (Bottlebrush), Camellia japonica, Cassia bicapsularis, Cassia corymbosa, Casuarina littoralis, Casuarina torulosa, Choisya ternata (Mexican orange), Coleonema album, Cotoneaster sp., Cupressus sempervirens v. (Swanes golden pencil pine), Diosma ericoides, Eriostemon myoporoides, Eucalyptus nicholi (Fine leaf peppermint), Eucalyptus sideroxylon (Pink iron bark), Euonymus alata, Ficus benjamina, Fraxinus excelsior (Golden ash), Fraxinus pennsylvanica (Red ash), Gardenia jasminoides, Gardenia magnifica, Gelsemium sempervirens (Carolina jasmine), Gordonia axillaris, Grevillea 'Clearview David', Grevillea arenaria, Grevillea robusta (Silky oak), Grevillea 'Poorinda', Hakea laurina, Hakea saligna, Hebes buxifolia, Hibiscus sp, Iberis sempervirens, Ilex vomitoria, Jasminum nitidum, Juniperus chinensis, Juniperus conferta, Juniperus sabina, Juniperus squamata, Lagerstroemia indica, Lantana montevidensis, Leptospermum juniperinum 'Horizontalis', Leptospermum petersonii, Ligustrum japonicum, Ligustrum lucidum, Ligustrum sinense, Melaleuca armillaris, Melaleuca decussata, Melia azedarach, Murraya exotica (orange jasmine), Nandina domestica 'Nana' (Dwarf nandina), Nerium oleander (Oleander), Photinia robusta, Picea abies (Norway Spruce), Picea glauca (Dwarf Alberta Spruce), Pinus eliottii (Slash pine), Pinus radiata, Pinus strobus, Pinus thunbergiana, Pittosporum crassifolium, Pittosporum tenuifolium, Pittosporum tobira, Podocarpus gracilior, Prunus sp. (Weeping cherry), Punica granatum (Pomegranate), Raphiolepis indica, Rhododendron spp. (Azalea), Rosa sp. (Rose), Rosmarinus folia ('Blue lagoon' rosemary), Schefflera arboricola, Syringa sp. (Lilac), Thuja occidentalis, Ulmus campestris 'Variegata' (Silver elm), Ulmus procera (English elm), Viburnum plicatum, Weigela spp., Westringia fruticosa.

Ornamentals on which ROUT[®] Ornamental Herbicide should not be used:
Testing has indicated that the following species can be sensitive to ROUT[®]:

Aesculus pavia, Alnus glutinosa (common alder), Azalea japonica, Cortaderia selloana (pampas), Corynocarpus laevigatus (karaka), Dietes bicolor, Euonymus fortunei, Euonymus japonicus, Euryops pectinatus, Ficus pumila (Creeping fig), Hardenbergia spp., Ilex crenata, Ilex cornuta, Nandina domestica pygmaea, Phoenix roberti, Potentilla fruticosa, Salvia farinacea, Trachelospermum asiaticum, Wisteria sinensis.

ROUT[®] IS NOT RECOMMENDED FOR USE ON VEGETABLES OR EDIBLE FRUIT CROPS, TURF, BEDDING PLANTS OR GREENHOUSE FLOWERING CROPS.

APPLICATION OF ROUT[®]

POTS-ROUT may be applied individually to each pot or pots can be grouped together and ROUT distributed using a granule applicator or GLOVED hand. FIELD- distribute evenly over the area to be treated using a granule applicator or GLOVED hand. Ensure ROUT does not stick to plant foliage or remain lodged in leaf axils or other plant structures.

To assist in application/calibration 100 kg/ha of ROUT is equivalent to 30/32 granules per 10 square centimetres (2 cm x 5 cm). Even application is important for good weed control. DO NOT disturb the soil surface once the product has been applied as the herbicide barrier will be broken and weed growth can occur.

RESISTANT WEEDS WARNING

Rout Ornamental Herbicide is a member of both the dinitroaniline and diphenyl ether groups of herbicides. Rout has a dual mode of action as an inhibitor of tubulin formation and an inhibitor of protoporphyrinogen oxidase. For weed resistance management the product is a group D and G herbicide. Some naturally occurring weed biotypes resistant to the product and other group D and G herbicides may exist through normal genetic variability in any weed population. The resistant individuals can eventually dominate the weed population if these herbicides are used repeatedly. These resistant weeds will not be controlled by this product or other group D and G herbicides. Since the occurrence of resistant weeds is difficult to detect prior to use, Scotts Australia Pty Ltd accepts no liability for any losses that may result from the failure of this product to control resistant weeds.

PRECAUTIONS

DO NOT apply to pots within 2 weeks of retail sale. DO NOT apply in enclosed glasshouse type structures or within 2 weeks prior to enclosure in such structures.

Protection of crops, native and other non-target plants

DO NOT apply to whorl leaved plants as their leaves channel the herbicide granules to the leaf base making removal of the granules difficult. DO NOT apply under weather conditions, or from equipment, that may cause drift onto susceptible plants/crops, cropping lands or pastures.

Protection of livestock

DO NOT graze any treated plant or cut for stockfood or feed to poultry. DO NOT contaminate water used by livestock.

Protection of wildlife, fish, crustaceans and environment

Dangerous to wildlife, fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the product or used container, or when cleaning equipment. DO NOT use product where fauna are foraging and are likely to feed on granules.

Spills

Sweep up spilled material and return to original container. Wash contaminated equipment taking care that washings do not enter sewers, drains and other waterways. Dispose of waste according to the Australian Standard AS 2507 - Storage and Handling of Pesticides. DO NOT allow spilled product to enter sewers, drains, creeks or any other waterways.

Storage and disposal

Keep out of reach of children. Store in the closed original container, in a dry, cool well-ventilated area out of direct sunlight. Shake containers empty onto treatment site. Puncture or shred and bury empty bags in a local authority landfill. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty bags and product should not be burnt.

SAFETY DIRECTIONS

Avoid contact with the eyes and skin. Do not inhale dust, use a dust mask. If product on skin immediately wash the area with soap and water. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre (Phone 13 11 26).

MATERIAL SAFETY DATA SHEET

Further information on this product is contained in a Material Safety Data Sheet (MSDS) available from product suppliers or the manufacturer.

NOTICE: The information contained, or representations made, in this document is based on data which, to the best of our knowledge, was accurate and reliable at the time of preparation, however, no responsibility will be accepted by Scotts Australia Pty Limited for errors and/or omissions. Users are advised to make their own determination as to the suitability of this information in relation to their particular purpose and/or specific circumstances. Scotts Australia Pty Limited is not liable for any loss or damage as a result of any person acting or refraining from acting on any recommendation or on the basis of any information contained or printed in this document.

EMERGENCY INFORMATION PANEL

DANGEROUS GOOD CLASS	The product is not classified as a Dangerous Good by the Australian ADG Code
IN EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE	SPECIALIST ADVICE IN EMERGENCY ONLY ALL HOURS 1800 033 111

APVMA No. 31548/22.6/0705

NET CONTENTS: 22.7kg



Scotts Australia Pty. Ltd

ABN 31 003 123 162

11 Columbia Way, Baukhram Hills, New South Wales, 2153
Phone 02 8853 7300 • Fax 02 8853 7310
www.scottsaustralia.com

© 2005. Licensed by The Scotts Company, world rights reserved.