

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

VAULT HERBICIDE

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

GROUP	D	G	HERBICIDES
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For the pre-emergent control of weeds in container
& in-ground ornamental plants.

Lasts up to three months as per the Directions for Use.

Contents: 1kg
(2kg, 2.5kg, 3kg, 5kg, 10kg, 15kg, 20kg, 22.7kg, 25kg)



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DIRECTIONS FOR USE

Restraints

DO NOT mix Vault Herbicide into potting media as poor weed control will be obtained and plant damage is likely.

DO NOT apply Vault Herbicide in windy conditions likely to affect good distribution.

DO NOT broadcast Vault Herbicide over wet foliage.

Situation	Weeds controlled	Application Rate	Critical Comments
Container & in-ground ornamental plants (see list below)	<p>Weeds controlled by Vault include the following:-</p> <p>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) Shepherd's purse Soursob Sowthistle Staggerweed Starrburr Subterranean clover Thornapple White eye Wild Mustard Wild radish Wireweed Willowherb</p>	<p>100 kg/ha</p> <p>or</p> <p>1 kg per 100 square metres</p> <p>or</p> <p>10 g per square metre</p>	<p>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.</p> <p>Vault Herbicide 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</p> <p>Do not apply Vault Herbicide to wet foliage – should this happen irrigate or hose immediately to remove granules from the leaf surface.</p> <p>Follow the precautions listed below to avoid unnecessary plant damage and to obtain optimum weed control.</p> <p>One application will last for 2-3 months depending on rainfall, irrigation, soil type (potting mix), temperature and weed seed burden.</p> <p>Re-treat 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.</p> <p>Do not apply Vault Herbicide 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.</p> <p>Spotting or leaf drop may result from such applications.</p> <p>Do not apply directly onto bare roots of woody ornamentals as injury may occur.</p>

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

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

GENERAL INSTRUCTIONS

ORNAMENTALS ON WHICH VAULT HERBICIDE MAY BE USED:

Testing has indicated that the following species are tolerant of Vault Herbicide 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 decussate, 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 elliotii (Slash pine), Pinus radiata, Pinus strobes, 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 VAULT HERBICIDE SHOULD NOT BE USED:

Testing has indicated that the following species can be sensitive to Vault Herbicide:

Aesculus pavia, alnus glutinosa (common alder), Azalea japonica, Cortaderia selloana (pampas), Corynocarpus laevigatus (karaka), Dietes bicolour, 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.

VAULT HERBICIDE IS NOT RECOMMENDED FOR USE ON VEGETABLES OR EDIBLE FRUIT CROPS, TURF, BEDDING PLANTS OR GREENHOUSE FLOWERING CROPS.

APPLICATION OF VAULT HERBICIDE

POTS – Vault Herbicide may be applied individually to each pot or pots can be grouped together and Vault Herbicide 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 Vault Herbicide 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 Vault Herbicide is equivalent to 30/32 granules per 10 square centimetres (2cm x 5cm). 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

GROUP	D	G	HERBICIDES
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Vault Herbicide is a member of both the dinitroaniline and diphenyl ether groups of herbicides. Vault Herbicide 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, Amgrow Pty Ltd accepts not 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 stock food 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 or 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 and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Avoid contact with the eyes and skin. Do not inhale dust. 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 Australia 13 11 26.

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet (MSDS) which can be obtained from the supplier.

CONDITIONS OF SALE

Amgrow Pty Ltd shall not be liable for any loss, injury, damage or death whether consequential or otherwise whatsoever or howsoever arising whether through negligence or otherwise in connection with the sale, supply, use or application of this product. The supply of this product is on the express condition that the purchaser does not rely on Amgrow's skill or judgement in purchasing or using the same and every person dealing with this product does so at his own risk absolutely. No representative of Amgrow has any authority to add to or alter these conditions.

APVMA APPROVAL NO: 67095/55182

Batch No.

In a transport emergency, dial 000 Police or Fire Brigade

Date of Manufacture:

Bar Code: