

Banrot 80G Broad Spectrum Fungicide For Ornamentals Draft text	APVMA no. 53163 V02
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CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



(Scotts logo)

Banrot[®] 80G

BROAD SPECTRUM FUNGICIDE FOR ORNAMENTALS

ACTIVE CONSTITUENTS:
50g/kg THIOPHANATE-METHYL
30g/kg ETRIDIAZOLE

GROUP	1	14	FUNGICIDES
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Broad spectrum ready to use granular fungicide for the control of soil-borne diseases of ornamental plants, including damping-off and root and stem rot caused by *Pythium*, *Phytophthora*, *Rhizoctonia* and *Thielaviopsis (Chalara)*.

Net Contents: 12*kg

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* 5, 12 or 18.14kg.

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DIRECTIONS FOR USE

Restraints: DO NOT use on plants grown for human or animal consumption
DO NOT use this product in the home garden.

SITUATION #	DISEASE	RATE	CRITICAL COMMENTS
Container grown seedlings, cuttings, transplants - pre-plant soil mix additive	Control of soil borne diseases including damping off and root and stem diseases caused by the following fungi —	300g/cubic metre	Mix evenly into the soil/potting mix before sowing or transplanting. An even mix is essential for effective disease control. Pre-mixing into a small sample of the soil/potting mix before adding may assist even application. One treatment will give control for 4-8 weeks over the establishment or germination period. If longer protection is required then reapply at 4-8 week intervals using the broadcast method described in the post plant section of this label or apply BANROT 400WP Broad Spectrum Fungicide for Ornamentals as a soil drench.
Container grown seedlings, bedding plants, shrubs and other woody plants, and indoor plants - post plant broadcast treatment	<i>Pythium</i> , <i>Phytophthora</i> , <i>Rhizoctonia</i> and <i>Thielaviopsis (Chalara)</i>	2-4 kg/100 square metres.	Measure the area covered by the pots/containers to be treated. Weigh out the amount of BANROT 80G required to treat that area. Apply evenly over the measured area using a calibrated granule spreader. Irrigate within several days of application to incorporate the granules into the soil. Normal sprinkler irrigation will then continue to move the product into the soil. Reapply at 4-8 week intervals depending on disease incidence. Use the lower rate when lower disease pressure is expected and the higher rate for higher disease pressure.
In-ground bedding and other plants - post plant broadcast treatment			Apply as for container grown plants. Harrow, rake or till into the soil to incorporate the granules into the upper 5-15 cm of soil. Retreat at 4-8 week intervals. Use the lower rate when lower disease pressure is expected and the higher rate for higher disease pressure.
In-ground bedding and other plants - pre-plant treatment			Apply as for container grown plants. Rotary hoe, harrow or till into the soil to incorporate the granules into the upper 5-15 cm of soil before planting or sowing. Retreat at 4-8 week intervals. Use the lower rate when lower disease pressure is expected and the higher rate for higher disease pressure.

See general instructions for a list of plants suitable for treatment.

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

GENERAL INSTRUCTIONS:

- BANROT 80G is a granule formulation for direct application to treatment areas. Do not allow the product to become damp as poor distribution will result. Before using break up any lumps which may have formed.
- BANROT 80G contains etridiazole which is active against *Pythium* and *Phytophthora* and thiophanate-methyl which is active against *Rhizoctonia* and *Thielaviopsis (Chalara)*.
- BANROT 80G has been tested and shown to be safe when used as directed on a wide range of plants, including those listed in the following table. However it is not practical to test all plant types and varieties that may be treated with BANROT 80G and therefore when other plants not listed are being treated, a small test should be conducted before treating large areas or numbers. Over-dosage may result in toxicity to sensitive plants.
- BANROT 80G is suitable for greenhouse (glasshouse), shadehouse and outdoor use.

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BEDDING PLANTS	FOLIAGE PLANTS (INDOOR PLANTS)	WOODY PLANTS	HERBACEOUS PERENNIALS
Ageratum, Aster, Balsam, Begonia, Calendula, Carnation, Coleus, Celosia, Cornflower, Cosmos, Dahlia, Gynura, Impatiens, Larkspur, Marigold, Nasturtium, Pansy, Petunia, Phlox, Salvia, Snapdragon, Sweet Pea, Verbena, Zinnia	Maidenhair Fern, Boston Fern, African Violet, Maranta, Syngonium, Aluminium Plant, Dieffenbachia, Dracaena, Philodendron, Pilea, Schefflera	Azalea, Camellia, Gardenia, Hydrangea, Acacia, Melaleuca, Callistemon, Banksia, Grevillea, Roses	Chrysanthemum, Delphinium, Geranium, Gerbera, Pelargonium, Fuchsia
			UNROOTED CUTTINGS
			Impatiens, Geranium

• **FUNGICIDE RESISTANCE WARNING – GROUP 1 & 14 FUNGICIDES**

BANROT 80G contains members of the benzimidazole and Unspecified (Thiadiazole) fungicides. For fungicide resistance management the product is a Group 1 & 14 fungicide. Some naturally occurring individual fungi resistant to the product and other Group 1 & 14 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal populations if these fungicides are used repeatedly. These resistant fungi will not be controlled by this product or Group 1 & 14 fungicide, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Scotts Australia Pty Ltd. accepts no liability for any loss that may result from the failure of this product to control resistant fungi.

PRECAUTIONS: Do not allow entry into the treated areas or re-handle treated plants or soil for 12 hours after treatment unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT: Can be toxic to earthworms. Do not contaminate dams, streams or other water bodies with the product or used containers.

SPILLS: Sweep up spilled material and return to original container.

STORAGE AND DISPOSAL: Store in the closed original container, in a dry, cool well ventilated area out of direct sunlight. Do not store with seed, feed or foodstuffs.

For 5kg and 12kg containers: Triple or preferably pressure rinse containers before disposal. Dispose of rinsings in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or 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 500mm 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.

For 18.14kg plastic bags: Single rinse before disposal. Dispose of rinsings in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots. DO NOT dispose of undiluted chemicals on 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 500mm 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.

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SAFETY DIRECTIONS: Will irritate the eyes and skin. Avoid contact with eyes and skin. When opening the container and using the product wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and elbow length chemical resistant gloves and disposable dust face mask covering the mouth and nose. Wash hands after use. After each days use wash gloves and contaminated clothing.

FIRST AID: If poisoning occurs, contact a doctor or Poisons Information Centre - 131126.

MSDS: Further information on this product is contained in a Material Safety Data Sheet, copies of which are 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 arising as a result of any person acting or refraining from acting on any recommendation or on the basis or any information contained or printed in this document.

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