

NEW ZEALAND

CAUTION

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING
If medical advice is needed, have product container or
label at hand



Banrot[®] 80G

Broad Spectrum Fungicide for Ornamentals

ACTIVE CONSTITUENTS:
50 g/kg THIOPHANATE-METHYL
30 g/kg ETRIDIAZOLE
in the form of a granule

GROUP 1 | 14 FUNGICIDES

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 diseases caused by *Pythium*, *Phytophthora*, *Rhizoctonia* and *Thielaviopsis* (*Chalara*).

Net Weight
12kg



www.icl-sf.com.au

Banrot 80G

Directions For Use

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 – <i>Pythium</i> , <i>Phytophthora</i> , <i>Rhizoctonia</i> and <i>Thielaviopsis (Chalara)</i>	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 re-treat 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		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. Re-treat 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 cms of soil. Re-treat 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 cms of soil before planting or sowing. Re-treat 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), shade house and outdoor use.

Bedding plants	Foliage plants (indoor plants)	Woody plants	Herbaceous perennials	Unrooted cuttings
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	Impatiens, Geranium

Fungicide resistance warning

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Resistance to this fungicide may develop from excessive use. To minimize this risk use strictly in accordance with label instructions and resistance management strategies that exist for any fungus listed on the label. Avoid using this fungicide exclusively all season.

Safety Data Sheet

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

Approved handler

GROUP 1 | 14 FUNGICIDES

This product must be under the personal control of an approved handler when applied to the open ground.

Record keeping

Records of use as described in NZS 8409 Management of Agrichemicals must be kept if 3kg or more of the substance is applied in a place where the substance is likely to enter air or water and leave the place.

Precautions

Do not handle soil for 12 hours after treatment. When prior handling is necessary, wear cotton overalls buttoned to the neck and wrist and chemical resistant gloves. Clothing must be laundered after each day's use.

Protection of wildlife, fish, crustaceans and environment

Very toxic to aquatic organisms. Do not contaminate dams, streams or other water bodies with the product or used containers. Toxic to the soil environment – very harmful to some fungi. Can be toxic to earthworms.

Storage

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. Storage should be in accordance with the current version of NZS 8409 Management of Agrichemicals.

Shelf life

When stored appropriately, this product should show no significant degradation for 2 years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.

Spillage

Wear appropriate personal protective clothing and prevent material from entering waterways. Sweep up solids without creating dust. Wash area with water and absorb with inert material. Dispose of waste safely.

Disposal

Triple rinse packaging before disposal. Dispose of the product only by using according to the label. Crush or puncture and bury empty containers in a local authority land-fill or if appropriate, recycle. Do not use container for any other purpose. Wash contaminated equipment taking care that washings do not enter sewers, drains and other waterways.

SAFETY DIRECTIONS

Harmful – May cause skin sensitisation from prolonged skin contact. Suspected of causing heritable mutations/genetic defects. Suspected of causing cancer. May cause reproductive/ development damage from repeated oral exposure. May cause organ damage from repeated oral exposure at high doses. Avoid contact with eyes and skin. If product is on skin, immediately wash area with soap and water. If product is in eyes, wash out immediately with water. Wash hands after use. When opening the container, preparing and using the product, wear cotton overalls buttoned to the neck and wrist and washable hat, elbow length PVC gloves, goggles and a dust mask covering the mouth and nose. After each day's use wash goggles, gloves and contaminated clothing.

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre on 0800 POISON (0800 764 766).

EMERGENCY INFORMATION PANEL

NEW ZEALAND	
IN EMERGENCY DIAL 111 POLICE, FIRE BRIGADE, AMBULANCE	SPECIALIST ADVICE IN EMERGENCY ONLY 24 HOURS PHONE 09 929 1483

HSNO Approval No: HSR100037

ECOTOXIC

UN3077 ENVIRONMENTALLY
HAZARDOUS SUBSTANCE,
SOLID, N.O.S (ETRIDIAZOLE)

WARNING

HAZARD CLASSIFICATION: 6.5B (Sensitisation), 6.6B (Mutagens), 6.7B (Carcinogen),
9.1B (Aquatic ecotoxicity), 9.2C (Soil)

GHS Hazard Statements

- May cause an allergic skin reaction
- Toxic to aquatic life with long lasting effects
- Harmful to the soil environment
- Suspected of causing cancer
- Suspected of causing genetic defects

GHS Precautionary Statements

- Read label before use
- Avoid breathing dust
- Wear protective gloves and clothing
- Avoid release to the environment



Everris Australia Pty Ltd ABN 83 148 200 962
Trading as ICL Specialty Fertilizers
Suite 211, 33 Lexington Drive, Bella Vista, NSW, 2153
Phone +61 (0)2 8801 3300 Fax +61 (0)2 8824 4833
www.icl-growingolutions.com.au

