



RLP
Approved

Draft 09.02.2012

Banol Turf and Ornamental Systemic Fungicide


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MAIN PANEL

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING


<h1>Banol[®]</h1>
TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE
ACTIVE CONSTITUENT: 600 g/L PROPAMOCARB present as the mono-hydrochloride
GROUP 28 FUNGICIDE

1 L

A systemic fungicide for the control of damping-off in ornamental plants, turf and eucalyptus forestry production nurseries caused by *Pythium* spp., as indicated in the DIRECTIONS FOR USE Table.

IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE.

(label code)

REAR PANEL

BANOL TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE

Active Constituent: 600 g/L PROPAMOCARB present as the monohydrochloride

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple rinse containers before disposal. Add rinsings to spray tank. 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 to an approved waste management facility. DO NOT burn empty containers or product. DO NOT re-use empty containers for any other purpose.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. When opening container and preparing spray wear elbow length PVC gloves. Wash hands after use. After each day's use, wash gloves.

FIRST AID

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

MATERIAL SAFETY DATA SHEET

Additional information is listed in the Material Safety Data Sheet which can be found at www.bayeres.com.au.

Exclusion of Liability

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty. Ltd. accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

APVMA Approval No.: 62826/ 56050

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IMPORTANT: READ THE ATTACHED BOOKLET BEFORE USE.

IN A TRANSPORT EMERGENCY DIAL 000 POLICE OR FIRE BRIGADE	FOR 24 HOUR SPECIALIST ADVICE IN EMERGENCY ONLY PHONE 1800 033 111
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BAR
CODE

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Batch Number:
Date of Manufacture:

(label code)

FRONT PAGE OF BOOKLET

CAUTION**KEEP OUT OF REACH OF CHILDREN****READ SAFETY DIRECTIONS BEFORE OPENING OR USING****BANOL TURF AND ORNAMENTAL SYSTEMIC FUNGICIDE**

Active Constituent: 600 g/L PROPAMOCARB present as the monohydrochloride

GROUP	28	FUNGICIDE
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A systemic fungicide for the control of damping-off of ornamental plants, turf and forestry nurseries caused by *Pythium* spp., as indicated in the DIRECTIONS FOR USE Table.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. 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 bury empty containers in a local authority landfill. If no landfill is available, bury the containers below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt. DO NOT re-use empty container for any other purpose.

SAFETY DIRECTIONS

Will irritate the eyes and skin. Avoid contact with eyes and skin. Repeated exposure may cause allergic disorders. When opening container and preparing spray wear elbow length PVC gloves. Wash hands after use. After each day's use, wash gloves.

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IMPORTANT: READ THIS BOOKLET BEFORE USE.

BOOKLET - contd

DIRECTIONS FOR USE

Refer to LIST OF PLANT SPECIES for species on which this product may be used.

SITUATION	RATE	CRITICAL COMMENTS
Seed growing	1.5 mL in 1 L water	Apply 2 L of mixed solution per square metre by suitable means e.g. watering can, immediately after sowing and covering.
Pricking-off seedlings into boxes and pots	15 mL in 10 L water)	Apply 2 L of mixed solution per square metre by suitable means e.g. watering can and leave until soil mixture surface is dry enough to prick-off.
Treatment of cuttings		Dip cuttings in mixed solution prior to planting. Apply 2 L of mixed solution per square metre of soil immediately after setting of cuttings and at intervals of 3 weeks thereafter. A total of 3 to 4 applications during the growing season should be sufficient.
Pot plants		Dip young plants prior to potting out. Apply 100 mL of mixed solution per 100 to 110 mm pot; 150 mL per 120 to 130 mm pot and repeat at intervals of 3 weeks thereafter. A total number of 3 to 4 applications during the growing season should be sufficient.
Bulk soil treatment - preventive treatments		250 to 300 mL in 10 to 20 L water per cubic metre of soil.
Recreational turf	45 – 65 mL/100 m ²	Apply in sufficient water to obtain coverage. Use the lower rate as a preventative treatment. Use the higher rate as a curative or as a preventative treatment during times of high infection pressure. Repeat at 3 – 4 week intervals.

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

WITHHOLDING PERIOD - NOT REQUIRED WHEN USED AS DIRECTED.

BOOKLET (Cont)

LIST OF PLANT SPECIES:

Banol has been successfully used at the recommended dosages on the following plants:

Adiantum (pot plants)	<i>Grevillea</i> spp.
<i>Aechmea</i> spp.	Gynura
<i>Aeschynanthus</i> spp.	<i>Hedera helix</i> (ivy)
Ageratum (seed sowing)	Helichrysum (immortelle)
Alyssum	Impatiens
Anemone (see Ranunculus)	Iris
<i>Anthurium</i> spp.	Kalanchoe
Antirrhinum (snapdragon)	Leptospermum
Aphelandra dania (pot plants)	Lilium
Aralia	Lobelia (seed sowing)
Asparagus	Maranta
Aster (see Callistephus)	Matthiola(stock)(seed sowing)
Azalea	<i>Melaleuca</i> spp.
<i>Banksia</i> spp.	<i>Mesembryanthemum</i>
<i>Begonia</i> spp. (also seed sowing)	<i>Mikania appifolia</i>
<i>Boronia</i> spp.	<i>Monstera deliciosa</i>
Bromeliads	Nemesia
<i>Brunfelsia calysina</i>	Orchids (all common species)
Calceolaria (also see sowing)	<i>Oxalis hedysacharoides rubra</i>
Calendula	<i>Pachystachys</i> spp.
Callistemon	<i>Peperomia</i> spp.
Callistephus (summer aster) (seed sowing)	Petunia (seed sowing)
Carnation	Phalaenopsis
Chlorophytum	<i>Philodendron</i> spp.
<i>Chrysanthemum indicum</i> (also cuttings)	Phlox
<i>Chrysanthemum segetum</i> (seed sowing)	<i>Pilea</i> spp.
Cineraria (see Senecio)	Polypodium (pot plants)
Clerodendron	Polyscias (lace aralia)
Clematis	<i>Primula</i> spp.
<i>Codiaeum variegatum</i>	Ranunculus (anemone)
Coleus	Rosa (seed sowing)
Cyclamen	Saintpaulia
Delphinium	Scindapsus or
Dianthus	Rhaphidophora
Dieffenbachia	<i>Senecio cruentus</i>
<i>Dracaena</i> spp.	<i>Solanum capsicastrum</i>
<i>Erica gracilis</i>	Streptocarpus
<i>Eucalyptus</i> spp.	Strobilanthes
<i>Euphorbia pulcherrima</i> spp.	Syngonium
<i>Fatsyhedera lizei</i>	Tagetes (seed sowing)
<i>Fatsia japonica</i>	<i>Tristania</i> spp.
<i>Ficus</i> spp.	Tulipa (tulip)
<i>Fittonia verschaffeltii</i>	Verbena
Fuchsia	Viola tricolour (pansy) (also seed sowing)
<i>Gerbera jamesonii</i>	<i>Vriesea splendens</i>
Gloxinia	Zinnia (seed sowing)

BOOKLET (Cont)

GENERAL INSTRUCTIONS**Fungicide Resistance Warning****GROUP 28 FUNGICIDE**

Banol is a member of the multi-site activity group of fungicides. For fungicide resistance management Banol is a Group 28 fungicide.

Some naturally occurring fungal populations resistant to Banol and other Group 28 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. These resistant fungi will not be controlled by Banol and other Group 28 fungicides, thus resulting in a reduction in efficacy and possible yield loss.

Since the occurrence of resistant fungi is difficult to detect prior to use, Bayer CropScience Pty Ltd accepts no liability for any losses that may result from the failure of Banol to control resistant fungi.

Mixing

This product is completely soluble in water. Simply add the concentrate to the water and stir thoroughly when mixing. The mixture is stable and can be used the following day.

Application Equipment

The product can be applied using a watering can or injection equipment (e.g. Gewa) or any conventional high volume ground spraying equipment calibrated to low pressure pump output. Spray nozzles should be capable of delivering a coarse high volume spray at low pressure, 50 to 100 Kpa.

Compatibility

The product is compatible with most insecticides and fungicides. It is NOT compatible with foliar nutrients.

PRECAUTION

Banol is corrosive to metals and spray residues should be washed out of the spray vat and the spray system with clean water immediately after use.

PROTECTION OF CROPS, NATIVE AND OTHER NON-TARGET PLANTS

Banol has displayed a wide range of safety to ornamental flowers, indoor plants and shrubs. However, if the compound is used repeatedly at short intervals or if it is employed at increased concentration rates, slight necrotic tipping of the cotyledons or of advanced leaves which have stopped growing, may occur.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Do NOT contaminate streams, rivers or waterways with product or used containers.

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