

Read the label before opening the container.

For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

BASIC N

South Africa Reg. No: L6680 Act No. 36 of 1947

FRAC FUNGICIDE GROUP CODE: 28

A systemic fungicide soluble concentrate for the prevention of damping-off disease in nurseries for ornamental and cabbage seedbeds and control of downy mildew on cabbage seedlings, cucumbers in controlled environments and *Pythium spp.*, *Rhizoctonia spp.* and *Fusarium spp.* on turf and lawns.

ACTIVE INGREDIENT:

Propamocarb hydrochloride (carbamate).....722g/ℓ

HAZARD STATEMENTS

- May cause an allergic skin reaction.

PRECAUTIONARY STATEMENTS

- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- Dispose of contents/container in accordance with local/regional/ national/international



WARNING

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

enviro
bio-chem

Registration holder: RT Chemicals CC
Co. Reg. No: CK87/21925/23

44 Kerk Street, Lichtenburg NW, South-Africa
Tel: +27 87 231 7261 | Fax: +27 86 541 7948
Web: www.envirobiochem.co.za

Expiry Date:
Batch No:
Date of Manufacture:

UN No. Not Regulated

WARNINGS:

- Do not apply later than 3 days before harvest of cucumbers
- May cause an allergic skin reaction.
- Store in a cool place, away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- **Re-entry:** Do not enter treated area until spray deposit has dried unless wearing protective clothing.

Although this remedy has been extensively tested under a large variety of conditions the registration holder does not warrant that it will be efficacious under all conditions because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the disease to the remedy concerned as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for lack of performance of the remedy concerned due to failure of the user to follow the label instructions or to the occurrence of conditions which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty.

PRECAUTIONS:

- Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
- **IF ON SKIN:** Wash with plenty of water and non-abrasive soap.
- If skin irritation or rash occurs: Get medical advice.
- Prevent contamination of food, feedstuffs, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams or areas not under treatment.
- Rinse applicator after use and do not contaminate crops, grazing or water sources with the rinsate.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

RELEVANT SUBSTANCES:

Propamocarb hydrochloride 66%

Tristyrylphenol ethoxylates <10%

Ethylene Glycol <5%

FIRST AID TREATMENT:

EYE CONTACT: Flush with plenty of water for at least 15 minutes. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing. Wash affected area with plenty of soap and water. Get attention if irritation develops.

INHALATION: Remove person to fresh air. If not breathing, give artificial respiration. Get medical attention immediately.

INGESTION: Get medical attention immediately. Do NOT induce vomiting unless directed to do so by medical personnel.

RESISTANCE WARNING:

For resistance management, **BASIC N** is a **group code 28** fungicide. Any fungus population may contain individuals naturally resistant to **BASIC N** and other **group code 28** fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **BASIC N** or any other **group code 28** fungicide.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicide from the same fungicide group code. Alternate or tank mix with products from different fungicide codes.
 - For tank mixing or alternation with products in fungicide **group code M**, refer to applicable individual product labels.
 - Integrate other control methods (chemical, cultural, biological) into insect control programmes.
- For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE: Use only as directed.

BASIC N is water soluble and does not require agitation after mixing and acts systemically in plants.

Do not apply to dry soil or compost. Keep treated soil under normal moisture conditions.

BASIC N is applied by overhead drenching at concentrations higher than 0.15%, any residue on leaves should be rinsed off with water. Prepared solutions or mixtures should be used within 1 day of mixing.

CROP/DISEASE	DOSAGE	REMARKS
POTTING MEDIA, COMPOST <i>(Pythium & Phytophthora spp.)</i> Pre-potting treatment, General	300 - 400mℓ/m ³ medium	Moisten the media or compost before treatment. Mix the BASIC N with a minimum of 20ℓ water and pour the mixture onto the media or compost while agitating the media or compost in a concrete mixer or similar apparatus to ensure thorough incorporation.
Small root volume propagation (e.g. seedlings, mini-blocks etc.)	200mℓ/m ³ medium (do not exceed this rate as a higher dosage may result in phytotoxicity to these small plants due to small root volumes)	If required this treatment may be followed up by a drench treatment 4 to 6 weeks after planting or sowing. Then use mixtures as indicated above for seedbeds, cuttings or pot plants where applicable.
DOWNY MILDEW <i>(Peronospora Parasitica)</i> Cabbage seedlings	10mℓ/m ²	<u>Drenching:</u> Apply BASIC N to seedbeds directly after sowing as a drench in a minimum of 3ℓ water per m ² . Repeat as indicated above on pricking and thinning out areas one day before transplanting.
<i>(Pseudoperonospora Cubensis)</i> Cucumbers in controlled environment	3ℓ/ha (3mℓ/10m ²)	<u>Foliar spray:</u> Apply BASIC N as a full cover spray in 600 to 1 000ℓ water/ha at the first symptoms of the disease. Repeat at 7 to 10 day intervals with a maximum of 6 applications.
DAMPING-OFF <i>(Pythium & Phytophthora spp.)</i> Cabbage seedlings, Cucumbers in controlled environments, Seedbeds Pricking out areas, Thinning out areas	10mℓ/m ²	<u>Drenching:</u> Apply BASIC N to seedbeds directly after sowing as a drench in a minimum of 3ℓ water/m ² . Repeat as above in pricking or thinning out areas 1 day before transplanting.
DAMPING-OFF <i>(Pythium & Phytophthora spp.)</i> Ornamentals and Flowers Seedbeds Pricking out areas, Thinning out areas	7.5mℓ plus 0.5g benomyl WP/m ²	Apply the mixture to seedbeds directly after sowing (pricking or thinning out areas) 1 day before transplanting in a minimum of 3ℓ water per m ² . Repeat thereafter at 3 to 4 week intervals if necessary.
	Or alternatively 25mℓ plus 2g benomyl WP/10ℓ water	Apply mixture as above at the rate of 3ℓ mixture/m ² .

CROP/DISEASE	DOSAGE	REMARKS
Cuttings	15mℓ plus 5g benomyl WP/10ℓ water	Apply mixture to the well prepared area before inserting the cuttings, as a drench at the rate of 5 to 10ℓ mixture/m ² . Repeat thereafter at 3 to 4 week intervals if necessary.
Potplants	15mℓ plus 5g benomyl WP/10ℓ water	Apply mixture as above at the rate of 100mℓ mixture per 10cm diameter pot. Repeat at 3 to 4 week intervals if necessary.
CROP/DISEASE	DOSAGE	REMARKS
TURF / LAWNS <i>Pythium spp.</i> , <i>Rhizoctonia spp.</i> and <i>Fusarium spp.</i>	120mℓ/100m ²	Apply BASIC N when disease symptoms appear or when weather conditions favour the development of the disease. Repeat at 7 - 21 day intervals. Do not apply more than 380mℓ per 100m ² per year.