

Basic N

South Africa Reg. No: L 6680 Act No. 36 of 1947

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 and cucumbers in controlled environments and *Pythium spp., Rhizoctonia spp. and Fusarium spp.* on turf and lawns.

FRAC FUNGICIDE GROUP CODE: 28

ACTIVE INGREDIENT:

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

Product Information Tel no: 072 678 8226

In case of poisoning: 082 446 8946

www.envirobiochem.co.za

Expiry Date:

Batch No:

Date of Manufacture:

UN No. 3082



Registration holder:

RT Chemicals CC

Reg. No: CK 87/21925/23

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CAUTION
VERSIGTIG



WARNINGS:

- Do not apply later than 3 days before harvest of cucumbers.
- May irritate skin and eyes.
- 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 gloves when handling.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- Eyes accidentally exposed must be washed with plenty of water.
- When accidentally ingested, induce vomiting and consult a physician.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- 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.
- Rinse empty container three times with the volume of water equal to a minimum of 10% of that of the container.
- Add the rinsings to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy empty container by perforation and flattening and never use for any other purpose.

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
<p>POTTING MEDIA, COMPOST</p> <p><i>(Pythium & Phytophthora spp.)</i> Pre-potting treatment, General</p>	<p>300 - 400mℓ/m³ medium</p>	<p>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.</p>
<p>Small root volume propagation (e.g. seedlings, mini-blocks etc.)</p>	<p>200mℓ/m³ medium (do not exceed this rate as a higher dosage may result in phytotoxicity to these small plants due to small root volumes)</p>	<p>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.</p>
<p>DOWNY MILDEW</p> <p><i>(Peronospora parasitica)</i> Cabbage seedlings</p>	<p>10mℓ/m²</p>	<p><u>Drenching:</u> Apply Basic N to seedbeds directly after sowing as a drench in a minimum of 3ℓ water per m². Repeat as indicated above on pricking and thinning out areas one day before transplanting.</p>
<p><i>(Pseudoperonospora cubensis)</i> Cucumbers in controlled environment</p>	<p>3ℓ/ha (3mℓ/10m²)</p>	<p><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.</p>
<p>DAMPING-OFF</p> <p><i>(Pythium & Phytophthora spp.)</i></p> <p>Cabbage seedlings, Cucumbers in controlled environments, Seedbeds</p> <p>Pricking out areas, Thinning out areas</p>	<p>10mℓ/m²</p>	<p><u>Drenching:</u> Apply Basic N to seedbeds directly after sowing as a drench in a minimum of 3ℓ water/m². Repeat as above in pricking or thinning out areas 1 day before transplanting.</p>
<p>DAMPING-OFF</p> <p><i>(Pythium & Phytophthora spp.)</i></p> <p>Ornamentals and Flowers Seedbeds</p>	<p>7.5mℓ plus 0.5g benomyl WP/m²</p>	<p>Apply the mixture to seedbeds directly after sowing (pricking or thinning out areas) 1 day before transplanting in a minimum of 3ℓ water per m². Repeat thereafter at 3 to 4 week intervals if necessary.</p>
<p>Pricking out areas, Thinning out areas</p>	<p>Or alternatively 25mℓ plus 2g benomyl WP/10ℓ water</p>	<p>Apply mixture as above at the rate of 3ℓ mixture/m².</p>
<p>Cuttings</p>	<p>15mℓ plus 5g benomyl WP/10ℓ water</p>	<p>Apply mixture to the well prepared area before inserting the cuttings, as a drench at the rate of 5 to 10ℓ mixture/m². Repeat thereafter at 3 to 4 week intervals if necessary.</p>
<p>Potplants</p>	<p>15mℓ plus 5g benomyl WP/10ℓ water</p>	<p>Apply mixture as above at the rate of 100mℓ mixture per 10cm diameter pot. Repeat at 3 to 4 week intervals if necessary.</p>

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.