



Previcur[®] N

Product information sheet

// BEST USES

Previcur[®] N fungicide delivers preventive systemic protection against *Pythium* species associated with root rot and damping-off with low potential for resistance.

// KEY STRENGTHS

Previcur N fungicide is a Group 28 fungicide containing the active ingredient propamocarb. Previcur N is absorbed by the roots and translocated to the aerial parts of the plants via xylem or water stream of the plant, thereby protecting roots, bulbs, seedlings, cuttings, stems and leaves of young plants from disease infection and preventing the entry of fungal pathogens.

Previcur N Fungicide provides control of soil-born *Pythium* (*Pythium* spp.) diseases associated with root rot and damping-off and is registered for use as a drench on certain greenhouse vegetable crops and ornamentals. Previcur N is also registered as a foliar for suppression of downy mildew in greenhouse cucumbers and as a drench to control root rot *Phytophthora* spp. on greenhouse ornamentals and outdoor ornamentals.

// BENEFITS OF APPLYING PREVICUR N

- Systemic mode of activity
- Soluble liquid formulation
- Multi-site mode of action – Group 28 – so resistance potential is low
- Registered for *Pythium* control on greenhouse vegetables including tomatoes, cucumbers, peppers and eggplants
- Registered for suppression of downy mildew on greenhouse cucumbers
- Registered for control of *Pythium* and *Phytophthora* on greenhouse and outdoor ornamentals

Mode of Action

Unique multi-site mode of action changes the permeability of the *Pythium* cell membranes, destroying the cell wall and preventing spore germination.

Residual Activity

Excellent residual control with application intervals of 7-21 days, depending on favourable disease conditions.

// Active Ingredient

propamocarb hydrochloride 722 g/L

// Group

group 28 fungicide

// Formulation

soluble liquid

// Packaging

case = 8 x 1 L

Previcur N Rate Chart

Crop/Disease	Application Rate	Notes
<p>Greenhouse tomato, Greenhouse cucumber, Greenhouse peppers and Greenhouse eggplant</p> <p>Disease: Control of root rot and damping-off caused by <i>Pythium</i> spp.</p>	<p>Mix 10 ml Previcur N in 10 L of water and apply this solution at 100-200 ml of solution per plant through drench directed to the rooting medium.</p> <p>Use higher rate for second and third application.</p>	<p>At seeding or during propagation stage (before transplanting): Make first application to growing medium at seeding or during propagation stage. A second application may be made 7-10 days later if pressure warrants.</p> <p>After transplanting: Applications may be made after transplanting on 7-10 days intervals.</p> <p>Maximum number of applications: 4 times per crop cycle. Do not apply more than 2 seeding/seedling applications per crop cycle. Do not apply more than 2 after transplanting applications per crop cycle.</p>
<p>Cucumbers</p> <p>Disease: Suppression of downy mildew</p>	<p>Single application of Previcur N per crop cycle.</p> <p>Apply 1.5 L/ha for foliar treatment.</p>	<p>Apply when plants begin to vine, or when disease threatens. Make foliar applications when conditions first become favourable for disease development (for example, high moisture and moderate temperature), but before infection. Make sure the entire cucumber leaf is covered with spray solution (underside of leaf must have good spray coverage) until runoff.</p>
<p>Rose, Azalea, Rhododendron, Holly, Geranium, Poinsettia, African Violet, Gerbera, Cyclamen and Snapdragon</p> <p>Disease: Control of <i>Pythium</i> spp. root rot</p>	<p>Apply a single treatment of Previcur N to ornamentals at potting for <i>Pythium</i> root rot, 1.5 ml/L of water, at 100 ml of solution/10 cm pot.</p> <p>Two repeat applications can be made 21-40 days apart if disease pressure warrants.</p>	<p>Apply at the labelled rates either by drip irrigation directly to the soil surface or through sub-irrigation.</p>
<p>Rose, Azalea, Rhododendron, Holly, Geranium, Poinsettia, African Violet, Gerbera, Cyclamen and Snapdragon</p> <p>Disease: Control of <i>Phytophthora</i> spp. root rot</p>	<p>1.5 ml Previcur N/L of water. Use 4.9 L of mixed solution for every 1 m² of surface area.</p> <p>Two repeat applications can be made 21-40 days if disease pressure warrants.</p>	<p>Apply through drip irrigation at the labelled rate.</p>

Pre-harvest Interval

- Tomatoes - 1 day
- Peppers - 1 day
- Cucumbers - 2 days
- Eggplant - 2 days

Environmental Impact

All pesticides are regulated under the Pest Control Products Act to ensure that they do not pose an unacceptable risk to human health and the environment. For information regarding the pesticide regulatory process, visit Health Canada's Pest Management Regulatory Agency website www.hc-vsc.gc.ca/pmra-arla



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