



**Downy Mildew, Pythium
& Phytophthora Control**
in greenhouse and outdoor ornamentals

Torrent[®] 400SC prevents diseases caused by oomycete fungi in a range of outdoor and greenhouse ornamental plants.

Torrent 400SC effectively controls a variety of root rots, foliar blight and downy mildew.

How it works?

The unique mode of action of cyazofamid (active ingredient) inhibits all stages of the oomycetes fungal development, including zoospore release and motility, mycelial growth, oospore formation, and zoospore formation.

Torrent 400SC's mode of action kills oomycetes fungi by respiratory inhibition specifically at Complex III in the mitochondria of the oomycetes fungi.





Application

Pythium crown and root rots	Soil application 117 - 234 mL / 1000 L
Phytophthora crown and root rots	Soil application 234 - 468 mL / 1000 L
Phytophthora foliar blight	Foliar application 234 - 468 mL / 1000 L
Downy mildew (<i>Peronospora</i> spp.)	Foliar application 164 - 273 mL / 1000 L
Suppression of root rot caused by <i>Phytophthora cinnamoni</i>	Soil application 25 mL / 100 L

Applications should begin when conditions are favorable for disease development or when plants first exhibit disease symptoms, from germination to mature crop. For foliar applications, apply sufficient spray solution to thoroughly wet the foliage to the point of run-off (do not exceed 1000 liters per ha). Do not exceed a rate of 273 mL/1000 L of water for foliar applications on greenhouse grown cut flowers.

Pot Diameter (inches)	Pot Diameter (cm)	Maximum Drench Volume (mL of drench mixture/pot)
4	10	60
5	13	90
6	15	120
8	20	300
10	25	591
12	30	887

Benefits of using Torrent 400 SC

- Contact fungicide with anti-sporulating effects and some systemic activity to help protect plants and minimize cosmetic damage
- Low use rates so fewer containers to handle.
- FRAC Group 21 – excellent partner for IPM resistance management.

Pack Size: 6 x 1 litre
4 x 4 litres

REI: 12 hours

Applications: 2 per season (soil applications and cut flowers)

To ensure that Torrent 400SC Agricultural Fungicide is compatible with an ornamental plant variety under specific conditions, it is recommended that small scale tests be performed to assess any possible phytotoxicity or other unintended side effects before making large scale applications.

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^{1 & 2} Courtesy of Bruce Watt, University of Maine, Bugwood.org (Downy mildew)



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