

Microbial products for poinsettia

In the control of root diseases and grey mould

The biological fungicides **Mycostop** and **Prestop** control root diseases of poinsettia as well as promote its growth. There is a variety of root pathogens – such as *Pythium*, *Rhizoctonia*, *Phytophthora* and *Fusarium* – that infect poinsettia and delay the growth of its root system. Mycostop provides comprehensive protection against these root diseases and Prestop, in addition to root diseases, controls grey mould infecting the base and foliage of the plant. Both Mycostop and Prestop provide long-lasting protection against pathogens and they both enhance growth. For the best result, treat the plants in a preventive way at the transplanting stage.

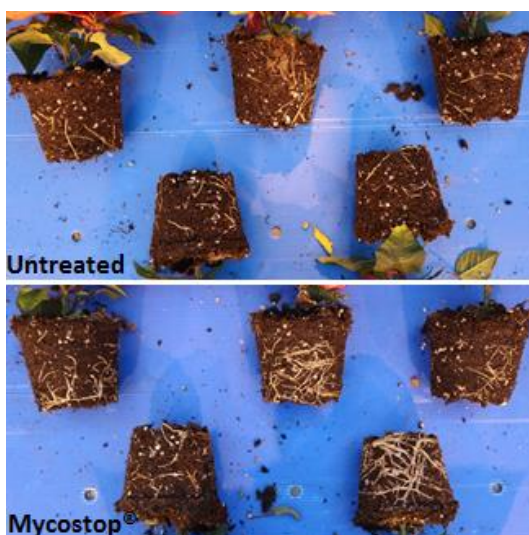


Mycostop® (*Streptomyces K61*) against root diseases: Give the tray plants a quick dip in 0.01 % Mycostop-water solution (1 g/10 liters water) before transplanting. Optionally drench/spray the substrate soon after planting. Repeat the treatment at intervals of 4–6 weeks. The dose rate is 2–5 g/1000 plants. Use a concentration of 0.01 % with 25 liters/1000 plants or set the water volume according to the irrigation need.

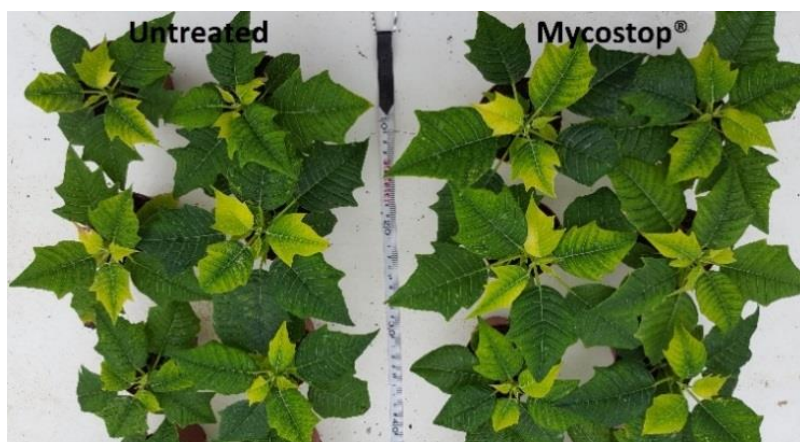
Prestop® (*Clonostachys rosea J1446*) against root diseases and grey mould: Give the tray plants a quick dip in 0.5 % Prestop-water solution (50 g/10 liters water) before transplanting to ensure protection against both root diseases and grey mould. Optionally drench/spray the substrate soon after planting. The dose rate is 200 g/1000 plants in 11–13 cm pots. Use a concentration of 0.5 % or set the water volume according to the irrigation need. Repeat the treatment at intervals of 3–4 weeks. When only controlling grey mould: spray the plants thoroughly with a 0.5 % Prestop-water solution at intervals of 3 weeks.

Preparing the water solution: Always add the biofungicide first into a small amount of cold water (1 kg of product/10–20 liters water) and allow the solution to stand for 15–30 minutes. Mix the suspension until even and dilute to final concentration.

Mycostop and Prestop are stored below +4 °C. An unopened package lasts viable for 12 months.



Mycostop-treated poinsettias (bottom) had more abundant root systems than the untreated ones.



The size was bigger and the quality was more even in the Mycostop-treated poinsettias (on the right).