



September 2010



Newsletter



Special issue: crown gall

Crown gall in substrate

At the start of cultivation, rock wool and other substrate products are sterile, meaning that bacteria and fungi are free to enter. However, this also applies to harmful bacteria and fungi that could interfere with the growth process and cause damage to crops. Substrate resistance levels are virtually non-existent, making it highly vulnerable. Almost every year, new problems arise that pose a threat to our crops.

This year, the “crown gall problem” (*Agrobacterium Tumefaciens*) is rife, causing extreme vegetative growth while yield lags behind, resulting in loss of production.

Simple hygiene and decontamination not sufficient

Many operations try to solve the problem with hygiene and decontamination by applying chlorine solutions or hydrogen peroxide treatments. These substances do kill the harmful bacteria and fungi, but also destroy

the positive bacteria and fungi, meaning that – once again – resistance to harmful bacteria is minimal.

The solution

In solving the problem, the resistance of the growth base and plant must be increased. Orgentis supplies bacteria and fungi for this exact purpose. With the use of our products, normal generative growth can again take place and production can return to normal levels.

More information?

For more information about the functioning and application of our products, please visit www.orgentis.nl. Here, you will also find plenty of useful information about the other products supplied by Orgentis, such as Biomentor. Our products are ideal for application in combination- or in conjunction with one another. Please contact us if you have any questions.



Preventively treated: not affected by *Agrobacterium Tumefaciens*, no crown gall present.



Affected by *Agrobacterium Tumefaciens*: development of new healthy roots following treatment.



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