

# McHort Techno

## BIOLOGICAL PEST & DISEASE CONTROL COMBO

### TrichoSpray Nursery + Plant Soap PS1

**TrichoSpray Nursery** is a registered bio-fungicide designed to control Botrytis (Grey mould).

Select strains of *Trichoderma* suitable for colonizing the aerial parts of living plants can be applied to prevent the establishment *Botrytis*. The disease control concept is one of niche exclusion. In this case *Trichoderma* can so successfully colonize the green parts of a crop that it excludes the presence or development of other potentially harmful microorganisms.

Success is dependent on creating the most hospitable environment for the *Trichoderma*, ensuring that pro-active preventative treatment is applied in advance of *Botrytis* infection and that the *Trichoderma* can be sustained to form a living barrier against fungal pathogen attack.

TrichoSpray Nursery has no erradicant effect and is therefore not useful for cleaning up existing infections. Several chemical fungicide preparations are harmful to *Trichoderma* so a 21-day interval after the last application of one of these must be observed before attempting to establish *Trichoderma* on a crop. Although no claim is made for the control of any other specific fungal pathogen the concept of dominant colonisation and niche exclusion is non selective.

**Plant Soap PS1** is a plant extract which even in dilution has a relatively high viscosity. When liberally sprayed onto biting and sucking insect infestations on a crop the product smoothers the insect effectively suffocating it. PS1 is non-selective however fast moving insects such as predators are not adversely affected by its application. The preparation has a useful surfactant effect allowing penetration deep into the heart of clumps or rosettes of foliage seeking out hidden insects. PS1 is colourless and odourless will not burn, even tender new growth, and has no withholding period.

The combination effect of using TrichoSpray Nursery and Plant Soap PS1 together offers growers a very useful biological solution to both pest and disease control. *Trichoderma* colonization on the target crop is significantly enhanced, because Plant Soap is a valuable food source, or substrate, on which to grow the *Trichoderma*. In addition, the Plant Soap reduces the risk of desiccation and exposure to UV light both of which are harmful and dissuasive of optimal colonization.

TrichoSpray Nursery is a wettable powder sold in 100g sachet. Progressively wet up the powder to form a paste before completely dissolving in the larger volume of water in the spray tank.

Use 100g / 200Ltr .

Once the spray tank is nearly full, add Plant Soap PS1 at 4g/Ltr. Use minimum agitation at this point this will reduced any foaming effect in the spray tank.

Spray to runoff. Avoid spraying in bright sunlight.

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