



# TONNELS / TUNNELS

Agro-Organics

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## BEHEER VAN SIEKTES EN INSEKTE IN TONNELS BY WYSE VAN INSETPRODUKTE TOEGELAAT BINNE ORGANIESE VERBOUING

Na gesprek met verskeie tunnelboere, blyk hul grootste probleme die aantal insek-en siektebeheer produkte wat gebruik moet word asook die druk om weg te beweeg van gevaarlike gifstowwe, te wees. Produkte wat binne die organiese verbouing toegelaat word is bekend om 'n wye spektrum van insekte en siektes te kan beheer. As gevolg van wye spektrum produkte is dit dus moontlik dat insek- en siektebeheer in tunnels met 'n kleiner aantal spuitstowwe gedoen kan word. (Maak bestuur eenvoudiger)

Hier volg n' lys van produkte wat algemeen in tunnelboerderye gebruik kan word: Bio-Neem, Bio-Insek, Kingbo, Bio-Build, Bio-Protector, BioTricho en Citro-Cure-P.

Die volgende twee produkte word slegs by tonnelvoorbereiding toegedien. Tydens uitplant moet plante in Bio-Tricho gedoop word vir beheer van wortelsiektes. Bio-Insek moet voloppervlakte toegedien word om moontlike insekinfestasie wat via die grond afkomstig is, te beperk.

In meeste gevalle sal Citro-Cure-P in kombinasie met Bio-Neem of Kingbo meeste insek- en siekteprobleme beheer. Dit is **belangrik** dat die agent met Dr Ferreira skakel ([strauss@agroorganics.co.za](mailto:strauss@agroorganics.co.za)) sodat 'n program vir die tunnelboer uitgewerk kan word wat spesifieke behoeftes en dan ook toepassingsbeperkings aanspreek.

## CONTROL OF INSECTS AND DISEASES IN TUNNELS BY MEANS OF INPUT PRODUCTS ALLOWED IN ORGANIC PRODUCTION

After consulting various tunnel farmers, their main problems seem to be the number of insecticides and fungicides needed for control as well as pressure to move away from dangerous chemicals.

Here is a short list of such allowed input products generally applied in tunnels: Bio-Neem, Bio-Insek, Kingbo, Bio-Build, Bio-Protector, BioTricho and Citro-Cure-P.

Two of these products are only applied during preparation of tunnels. During planting plants should be dipped in Bio-Tricho to prevent root diseases. Full cover spray of the whole surface of the tunnel floor should be done during planting to control any insects with a cycle in the soil.

In many instances the use of Citro-Cure-P in combination with Bio-Neem or Kingbo for above ground pests and diseases is sufficient. It is very important that the agent contacts Dr. Ferreira ([strauss@agroorganics.co.za](mailto:strauss@agroorganics.co.za)) in order to address specific needs of the farmer and limitations in product applications.

### Beraamde koste / Estimated costs

Bio-Tricho	R 0.032 / m <sup>2</sup>	Citro-Cure P	R 19.03 / 100 l
Bio-Insek	R 0.029 / m <sup>2</sup>	Bio-Neem	R 24.11 / 100 l
		Kingbo	R 44.66 / 100 l

## Witroes / Powdery Mildew

# AQ sf : ~ R 145 / ha (toegedien)

## Nou beskikbaar / Now available Agente kan nou Villa, Paarl, kontak.

Agente wat al met *Ampelomyces Quisqualis* ondervinding het, weet dat veral op wingerd na-oes groot verligting betreffende witroes bring. Lees asseblief vorige nuusbrieffe nog 'n keer.

Agents having experience with *Ampelomyces Quisqualis* know that in particular on vine the post harvest treatment gives tremendous relief regarding powdery mildew. Please read again the previous newsletter.

Any technical challenges can be addressed to: [strauss@agroorganics.co.za](mailto:strauss@agroorganics.co.za)