

Trianium reduces Crown Gall in Roses!

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Koppert Biological Systems (K) Ltd. is a subsidiary of Koppert B.V. of Netherlands- the international market leader in the field of biological crop protection and natural pollination.

Koppert Kenya was established in 2006 and has consistently delivered

reliable systems, based on top quality products. We have helped growers produce more yields of a higher quality in a healthy and sustainable way. Our range of bio-control tools include predatory mites, parasitic wasps, beneficial fungi, monitoring and mass trapping devices and

other accessories.

One exciting product that has captivated the Kenyan growers is TRIANUM. TRIANUM is the trade name for Koppert's unique patented hybrid strain of the beneficial fungus *Trichoderma harzianum*. Trianium is based on **strain T-22** of *Trichoderma*. Koppert supplies TRIANUM for the control of soil-borne pathogens and the general strengthening of crops, often resulting in increased yields of better quality. Interestingly, recent observations by Kenyan rose growers who consistently use Trianium is that **the level of infection of their rose bushes with Crown Gall (*Agrobacterium tumefaciens*) has gone**

down tremendously!

For instance, in late 2011, one grower in Nyahururu (Suera Flowers Ltd.) noticed that in one of their agrobacterium-infected greenhouses (Hse # 10); the number of galls had gone down drastically. This observation was made 5 months into the use of Trianium. They noticed the drying up of existing galls and remarkably so, no new galls had emerged. This was the case despite the grower starting the practice of bending the crop in order to create foliage for the application of predatory mites for spider mite control. The grower then got into the cultural practice of removing the dried-up galls and by



Picture of a rose crop affected by crown gall

A healthy plant starts with a healthy root system!

Trianium

Patented hybrid T-22 strain of the beneficial fungus *Trichoderma harzianum*



- Protects the crop against soil borne diseases
- Promotes development of a stronger, healthier and more uniform crop

- Increases yields and improves quality
- Safe to the environment

Trianium always pays for itself! ...positive return on investment (ROI)

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