



## Canker support

All top fruit growers are well aware of fruit tree canker. It is a virulent fungal disease causing disfiguring and sunken patches of dead bark on the branches of fruit trees. The species of *Neonectria*, *Nectria Galligena* and *Pseudomonas Syringae* pv. *Morsprunorum* are responsible for most infections and are most commonly formed from mid spring onwards.

Infections most often begin at wounds or buds and over the past couple of seasons increased levels of woolly aphid are proving to increase infection potential. Woolly aphid feeding causes knobbly galls to form and split, making trees more susceptible to canker and other infections.



It is therefore essential for canker control to focus on keeping woolly aphid predation to minimum levels and to support tree nutrition to reduce tree susceptibility to canker infection.

### We recommend

Tree susceptibility has been a focus of Engage Agro for many years and our technology Fortify Cu has been proven to be an essential tool for many UK growers in reducing tree susceptibility to canker and other infections.

Using a unique blend of nutrient and bio-activators, Fortify Cu uses dynamic nutrient polarisation to increase a trees natural surface charge. This reduces the capability of bacterial and fungal spores to adhere to the tree and it also supports tree tissue strength.

*For further information downloads are available on the following link.*

**CLICK HERE** for more information on this technology

[www.engageagroeuropa.com/fortify](http://www.engageagroeuropa.com/fortify)





## Woolly Aphid

Woolly aphid is a difficult beast as it overwinters on its host plants as nymphs that hide in cracks in the bark or in crevices around old feeding areas. During this time the aphids don't produce the waxy 'wool' that makes them easier to detect in Spring and Summer.

Once spring arrives, the aphids become active again, mainly around old pruning wounds or other places where bark is thinner. They begin feeding on sap from beneath the bark, and it's at this point they begin secreting the protective 'wool'.

The wool is remarkably resistant to penetration from pesticide applications so it's useful to add a product to aid penetration or to reduce the wool being formed.

### We recommend

Sentinel from Engage Agro has been found to be effective in reducing the wool produced by the aphids.

- ✓ The silicon in Sentinel interacts with the wool, crystallising it, allowing holes to appear and making it difficult for the insects to produce more for a period.
- ✓ Also the form of Silicon in Sentinel is known to physically suppress aphids due to the natural crystallisation of the silicon as it dries. This makes it a solid companion to insecticide sprays as efficacy is greatly increased.

*For further information downloads are available on the following link.*



[CLICK HERE for more information on this technology](#)

[www.engageagroeuropa.com/silicons](http://www.engageagroeuropa.com/silicons)

We do hope you found the information in Issue 2 of interest and the recommendations given helpful to you and your fruit crops.

Issue 3 will be in June. To ensure you don't miss it, please opt-in to receiving the newsletter or subscribe to future editions via the link below or the Engage Agro Europe website.

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'Nutrition Matters'**

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and you can talk to one of our fruit agronomists.