

BioBit® DF

A high quality *Bacillus thuringiensis subspecies kurstaki* in the form of a water dispersable granule



Getting the most out of BT

BT is a selected naturally occurring soil bacterium, *Bacillus thuringiensis subspecies kurstaki*. BT when sprayed on crops sporelates and produces crystals of substance toxic to Lepidoptera (moths and butterflies). When it is consumed by, in this case, Leaf roller caterpillars it is activated by the pH of the gut, enters the cell wall, swells and kills the Leaf roller caterpillars.

It is very important to apply BT's correctly as their viability is reduced by UV light reducing the length of their efficacy on the crop.

It is best to apply a BT in the evening when UV light is lowest. This way the caterpillar can feed at dawn/early morning while the bacterium is highly viable and active ensuring maximum kill.

As BT's are a living bacterium it is recommended to apply on their own without spreaders or stickers. As many of these products can smother or damage the spores. BT spores are extremely small and spread well on their own as long as sprayer coverage is good.

Water rates are also important. It is important to use sufficient water to get good coverage. Avocado's and Kiwifruit require at least 2000L of water.

BioBit® DF offers a nil residue. BioBit® DF is a BioGro certified option for Leaf Roller control for a wide range of crops including Avocado, Grapes, Citrus and Kiwifruit.

Store BioBit® DF in dry, cool conditions, for a guaranteed minimum two year shelf life.

BioBit® DF is a *Bacillus thuringiensis subspecies kurstaki* powder that comes in a convenient 1ha (1kg) foil pack

