



BLOG

10.07.19

LATE APPLICATION OF BIOCONTROL REMAINS VALID

AS we approach the end of peak codling moth season, when eggs are laid from June to mid-July, Head of Technical Services for UPL, Don Pendergrast, reminds growers of the benefits of a late application of CpGV.

Don Pendergrast, Head of Technical Services UPL UK & IE

"Laid as eggs from June to mid-July, once hatched, the caterpillars of codling moths bore into a fruit and feed for around a month until adulthood. Once adult, the insect then leaves the fruit to overwinter in fallen leaves or bark, pupating in the following spring.

CpGV (Cydia pomonella Granulovirus) is a natural virus of this orchard pest and is highly pathogenic, killing its host in the same instar as infection.

It works on ingestion by the larvae, multiplying in the intestine and preventing the larvae from feeding. Not only does it destruct the neonate larvae, but also the overwintering larvae.

If pheromone traps and crop walking still indicate threshold levels of codling moth larvae, a late application of this bio-insecticide product is potentially very useful (three applications are permitted per year), to ensure late protection of the fruit when conventional insecticides can no longer be used.

As a biological control with no residue association, it is possible to use Carpovirusine up to one day before harvest, thus offering protection right to the end of the growing season.

Not only that, but it is environmentally friendly, and suitable for use in wider Integrated Pest Management (IPM) programmes, because it bears no effect on beneficial insects.

CpGV is the active ingredient of Carpovirusine® by UPL (formerly Arysta LifeScience), a product registered for use on apple and pear, including organic farming. It's a biocontrol product that requires cold temperatures for long term storage.

There are two formulations of CpGV that have been developed by UPL - a first and second generation (EVO2) product, that are used in seasonal rotation as a risk reduction tool.



Use of CpGV has become very common in Europe as an effective IPM-friendly bio-insecticide, which can help growers to reduce total residues on fresh fruit.”

ENDS

About

The new UPL is a leader in global food systems and with the acquisition of Arysta LifeScience, becomes one of the top 5 agricultural solutions companies worldwide. With revenue of approximately USD \$5 billion, it has a footprint in 76 countries and sales in 130+ countries, with 10,800+ people worldwide. Having global market access to the world’s food basket and focused on high-growth regions, we aim to transform agriculture through our purpose of OpenAg, an open agriculture network that feeds sustainable growth for all. The new UPL offers an integrated portfolio of both patented and post-patent agricultural solutions for various row crops and specialty crops, including crop protection, BioSolutions and seed treatments covering the entire crop value chain. For more information on new UPL, visit: www.uplonline.com

Contact

Janine Heath
Communications Manager
janine.heath@upl-ltd.com
uk.uplonline.com