

Virex

Biological Insecticide

An insecticidal virus product for the control of larvae of the codling moth in Pipfruit

Active Ingredient: Contains 0.7 g/litre *Cydia pomonella* granulovirus (equivalent to 3×10^{13} GV/L) in the form of a suspension concentrate. (Note 10^{13} = trillion)

Crops	Pest	Application Rate	Comments
Pipfruit	Codling moth	100 ml in 1500 – 2000 liters water per hectare	Apply in sufficient water for thorough coverage of the tree canopy. Repeat at 7 – 14 day intervals while the risk of codling moth is present.



VIREX Information

- *Cydia pomonella* granulovirus (CpGV) is the natural pathogen of Codling Moth
- Easy to use 100ml “dose” pack (100mls per hectare)
- No residue issue, Nil withholding period
- OMRI approved, Bio-Gro certification #: 2925 CO1
- Specific only on Codling Moth, no effect on beneficial’s, humans, wildlife etc
- Virex must be ingested by Codling Moth larvae to initiate infection. LD50 is 1 or 2 virus particles per larvae (Virex contains about 30 trillion per litre)
- Optimal use of Virex is against young larvae before they penetrate the fruit
 - o Most effective way is to have Virex present on the eggs when they begin to hatch
 - o Hatching larvae will ingest Virex as they consume their eggshells
- Long term impact on population, reduces overwintering populations and any sub lethal does will kill once stress occurs.
- Release from dead larvae of more virus and sub lethal dose pass on to offspring (weaken population).
- Lasts for 2 days in sunlight and 7 days in shade, but persists in population and orchard environment for years.
- Do not mix with Bt, Lime Sulphur or copper fungicides
- Internationally registered (NZ, Australia, EU, US etc)