

# VIREX

BIOLOGICAL INSECTICIDE



## AN INSECTICIDAL VIRUS PRODUCT FOR THE CONTROL OF LARVAE OF THE CODLING MOTH IN PIPFRUIT.

**ACTIVE INGREDIENT:** Contains 0.7g/L *Cydia pomonella* granulovirus (equivalent to  $3 \times 10^{13}$  GV/L) in the form of a suspension concentrate. (Note  $10^{13}$  = ten trillion)

CROPS	PEST	RATE	COMMENTS
Pipfruit	Codling moth	100ml in 1500–2000L water/ha	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.

- ▶ *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 C01.
- ▶ 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/L).
- ▶ Optimal use of Virex is against young larvae before they penetrate the fruit:
  - > Most effective way is to have Virex present on the eggs when they begin to hatch.
  - > 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).

