

The 3 Major Advantages Which  
Make VIROSOFT<sup>CP4</sup> The Best Tool for  
Controlling the Codling Moth

1

**VIROSOFT<sup>CP4</sup>, Based On a Proven Technology**

Bioinsecticides, based on baculoviruses, have been used widely for many years in Europe, Asia, Africa, and South America. BIOTEPP's technology eliminates the problems of resistance that one finds with using chemical products. An important characteristic of VIROSOFT<sup>CP4</sup> is that it has been isolated from the region where it will be used: NOT foreign in origin, NOT genetically modified.

2

**VIROSOFT<sup>CP4</sup> Does Not Attack Other Insects and Other Living Organisms**

VIROSOFT<sup>CP4</sup> specifically targets ONLY the Codling moth. The vegetation, the mammals, the birds, the bees, other insects, and of course humans, are not affected by VIROSOFT<sup>CP4</sup>. In particular, the residues which may be found on fruits do not pose any danger to human health.



3

**VIROSOFT<sup>CP4</sup> Is a 100% Ecological Solution and It Can Be Combined With Other Products**

VIROSOFT<sup>CP4</sup> is a solution which is compatible with other methods of ecological management. This product's complementarity with beneficial organisms assists in the control of other insect pests. Since it is a product which is purely natural, it can be applied up until the time of harvest and the delay for re-entry into the fields after a treatment is only four (4) hours. This product has received Organic Certifications.



VIROSOFT<sup>CP4</sup>



BIOTEPP is a Canadian Corporation whose mission is to develop and commercialize insecticides using indigenous, non-genetically modified baculoviruses as their active ingredient. BIOTEPP's products, VIROSOFT<sup>CP4</sup> and other VIROSOFT products in development, contain viral strains which are indigenous to each ecozone and will be applied in their natural environment so as to ensure that the natural biodiversity of the baculoviruses is maintained. BIOTEPP's ability to develop and commercialize its own products ensures a continual production of consistent bioinsecticides.


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BIOTEPP

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virosoftcp4@biotepp.com

**VIROSOFT<sup>CP4</sup>**



**BIO-Insecticide for Codling Moth on apple trees**  
COMMERCIAL

GUARANTEE: *Cydia pomonella* Grandisulca.....0.07% (4x10<sup>11</sup> Obo per Liter)

REGISTRATION NO.: 26533 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

POTENTIAL SENSITIZER


KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 1 Liter

BIOTEPP  
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Charlesbourg, Québec G1H 1L4  
Tel.: (418) 626 7628 - Email: info@biotepp.com

CANADIAN LABEL

**VIROSOFT<sup>CP4</sup>**



**BIO-Insecticide for Codling Moth on apple trees**

ACTIVE INGREDIENT: *Cydia pomonella* Grandisulca.....0.07% (4x10<sup>11</sup> Obo)

INERT INGREDIENT.....99.93%

KEEP OUT OF REACH OF CHILDREN

CAUTION

REGULATORY STATEMENTS

Hazards to Humans and Domestic Animals: Avoid contact with skin, eyes, and clothing.

FIRST AID: If on skin or clothing: Take off affected clothing, rinse skin immediately with plenty of water for 15-20 minutes. Call a doctor for treatment unless it improves. If in eyes: Wash eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a doctor for treatment unless it improves.

ENVIRONMENTAL HAZARDS: Do not apply directly to water, or to areas where surface water is present or to wetland areas, before the insecticide has dried. Avoid soil of drains, ponds, or streams. Do not contaminate water by cleaning equipment or disposing of equipment washwaters.

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EPA Reg. No.: 72898 - 2  
EPA Est. No.: 72898 - CAN - 001

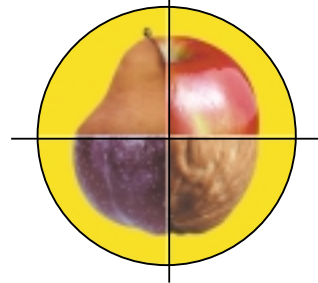
NET CONTENTS: 32 Fl.oz.

US LABEL

# Codling Moth?

VIROSOFT<sup>CP4</sup>

THE INNOVATIVE AND ECOLOGICAL SOLUTION



A technology that has been proven to be effective  
around the world is now adapted specifically  
for the different ecozones in North America



BIOTEPP

## The Codling Moth

### The Codling Moth

Larvae of the Codling moth attack fruits such as apples, pears, plums, prunes and walnuts: a well known fact throughout the world.

In North America, the Codling moth has been efficiently controlled with the use of various chemical insecticides. However, the use of these products brings with them significant risks to the environment and to human health. These very same products also create problems in crop protection, in that they eliminate beneficial insects. For these and other reasons, pesticide use is strictly controlled by governmental bodies.

VIROSOFT<sup>CP4</sup> presents an effective, ecological solution that eliminates these dangers and problems present with the use of commonly used chemical insecticides.



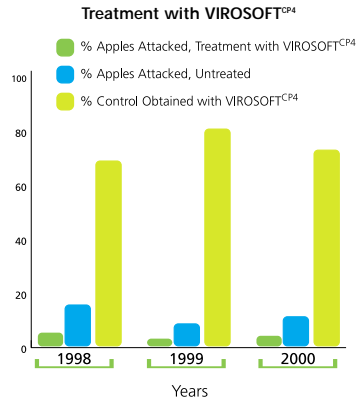
## VIROSOFT<sup>CP4</sup>: Effective and Ecological

### VIROSOFT<sup>CP4</sup>: Effective and Ecological

VIROSOFT<sup>CP4</sup> is a viral bioinsecticide developed and commercialized by BIOTEPP. This product has been developed for the control of Codling moth, an insect pest found in all ecozones in North America. Although this technology has been utilized widely in Europe, Asia and Africa, VIROSOFT<sup>CP4</sup> is the first baculoviral product to be jointly registered in Canada and the United States. Furthermore, this product meets the strict criteria set by the Food Quality Protection Act (FQPA).

An important quality of VIROSOFT<sup>CP4</sup> is that it is not a foreign virus; it has been isolated from the area (ecozone) which it will be used in. In addition, it is in its natural form: it has NOT been genetically modified.

This innovative product offers an efficacy that compares to chemical insecticides without the number of problems associated with chemical use. The following data shows the excellent results obtained by VIROSOFT<sup>CP4</sup> in a series of tests which have been carried out over a period of three (3) years.



## Why Is VIROSOFT<sup>CP4</sup> the Ideal Solution?

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The efficacy of VIROSOFT<sup>CP4</sup> is a result of the isolation and selection of a highly virulent viral strain. These isolation and selection techniques have been developed by BIOTEPP. This indigenous virus is multiplied in large numbers and redistributed in its original environment where it specifically controls the targeted insect pest.

Therefore, this is a biological, natural solution which specifically and exclusively attacks the target pest. VIROSOFT<sup>CP4</sup> is absolutely harmless to all other members of the ecosystem, including humans.

Over the years, the Codling moth has developed resistance to chemical insecticides. The baculovirus, the active ingredient in VIROSOFT<sup>CP4</sup>, has the capacity to adapt to the insect and therefore the issue of resistance is NOT a concern. This characteristic represents an enormous advantage to the long term sustainability of this product.



### VIROSOFT<sup>CP4</sup>, Another Step Towards Durable, Ecological Agriculture

VIROSOFT<sup>CP4</sup> is a product which can be used in combination with other biological and chemical insecticides. It is applied in the same manner and with the same equipment that is used for chemical insecticides. This application is ideal for progressively reducing chemical use. VIROSOFT<sup>CP4</sup> can be sprayed up until the time of harvest with NO restriction in seasonal timing of use. It should be diluted in water and sprayed at the end of the day or under cloudy skies.

Due to its ecological benefits, using VIROSOFT<sup>CP4</sup> allows the producer to take advantage of "eco-labeling" his products.

VIROSOFT<sup>CP4</sup> is available at a very competitive price.