



**Tepeco
Consultants
Incorporated**

CRYONITE

POISON FREE PEST CONTROL



We are proud to introduce the CRYONITE® System, reducing the use of pesticides in the food industry.

CRYONITE® has proved to be an extremely effective tool in pest control. Easing the pressure on the environment through the removal or reduction of pesticides together with the economic advantages of reducing down time in production areas, are just some of the advantages to be gained.

*Protecting the environment,
and the food we eat*

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Tepeco Consultants Incorporated

Distributed in Canada by Tepeco Consultants Incorporated

CRYONITE® eliminates insects by freezing. The freezing process is extremely fast and reaches a very low temperature. The speed is essential for effectiveness. The cooling medium is carbon dioxide snow, which the CRYONITE unit sprays from the specially designed and patented nozzle.

The **CRYONITE®** method utilizes the cooling properties of common CO₂ (carbon dioxide) to eradicate pests. Liquid CO₂ is transformed into exceptionally cold dry-ice snow, and freezes the pests. CO₂ is not poisonous and leaves no residues.

Killing the pests

When the CO₂ snow hits surfaces at normal temperatures it evaporates and becomes CO₂ gas. If insects are part of the immediate surroundings the energy is taken from them and extreme cooling results. During this cooling cycle the water in the insects cells crystallizes to ice, killing the insect.

The CRYONITE's technology offers us the ability to work without leaving chemical residues.

DRY: Frozen carbon dioxide is also referred to as "DRY ICE", as it changes from ice/snow directly to gas with no liquid phase in between. This enables treatment in areas like electrical cabinets, sockets and motors. In food industry flour will not turn into gooey dough!

ERGONOMIC: The **CRYONITE®** unit is ergonomic in design, with a telescope function for extended reach and easy working posture, and a "goose-neck" which can be angled up to 90° or more for optimal spraying angle.

PENETRATES: The **CRYONITE®** snow penetrates well into deep cracks and crevices, complicated machines, and reaches far into long pipes.

POISON-FREE: As the method is non-poisonous, many advantages follow:

- Evacuation of a treated area is not necessary.
- In food industry pest control operations can be carried out despite production going on at adjacent production lines.
- It can also be used on surfaces in direct contact with food.

FUTURE PROOF: As regulations exclude chemical after chemical, **CRYONITE®** is non-chemical and will stay competitive.

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