

Application of Protect-It®

Both the Canadian Wheat Board and the Canadian Grain Commission recommend cleaning and treating your bins with approved insecticides before loading them with new crop.

Protect-It® is registered for use on all grains and seeds, and in empty structures such as silos and elevators where grain is stored.

Empty Bin Treatment

Infestation problems often occur because insects are lurking in empty bins. Before filling, treat the empty bin with **Protect-It®**.

Dry Application

Use the aeration fan or hand blower to get **Protect-It®** into the empty bins. Cover inside surface area of bin at a rate of just under 1/2 kg per 1000 ft² (5g/m²).

Spray Application

Mix 1.5 kg of **Protect-It®** into 10 litres of water. Spray inside surface area at a rate of just under 5L per 1000 ft² (50ml/m²).

Grain Treatment at Harvest

To prevent infestations, mix **Protect-It®** into the grain as it enters the auger or conveyor feed system during transfer to storage. See label for application to new crop.



Empty bin treatment and stored grain insecticide:

Approved for food and feed grains.

Ask for **Protect-It®** at your crop input retailer.

For more information or details on application and use of **Protect-It®**,



Pest Management

HEDLEY TECHNOLOGIES LTD.

Always read and follow label directions. Use only Health Canada (Pest Management Regulatory Agency) approved insecticides on your grain and empty bins.

Protect-It® is a registered trademark of Hedley Technologies Ltd. a subsidiary of BioSyent Inc. – TSX Venture Exchange "RX".

**WHAT YOU
CAN'T SEE
CAN
HURT
your profits!**



"No operator of a licensed elevator shall... receive into or discharge from the elevator any grain, grain product or screenings that is infested or contaminated (with insects)."

Excerpt Canada Grain Act

Why take the chance?

You've worked hard and invested in producing a good crop. The value and profit you gain from your efforts are not certain when you put the grain in the bin. Not only must you maintain grain quality for the entire storage and transportation period, you are also required to deliver insect-free grain to the market.

Once insects are in your grain, the headaches begin and the costs mount. Most producers are now delivering grain longer distances from the farm. Rejected loads add unnecessary costs in transportation, handling, treatment, and time. In addition, you risk loss of grade and you may miss the opportunity to market your grain at the right time and at the best price.

Did you know?

You could lose over \$1/bu. with severe infestations.

Did you know?

Each female beetle will lay up to 500 eggs!

What's lurking in your grain bin?

Some grain beetles are as small as 1/16 of an inch and often survive undetected in your grain and empty bins. Once on the farm, grain beetles can multiply at an alarming rate. Each female Rusty Grain Beetle will lay up to 500 eggs and the transition from egg to adult only takes about three weeks. They also migrate from bin to bin, looking for sources of food and moisture.



The solution

Canadian Technology – Developed for Canadian Grain Producers

Protect-It® was developed at our Winnipeg, Manitoba laboratory and field tested in empty bins and grain stored in western Canada. Thousands of Canadian grain producers have come to rely on **Protect-It®** to help them manage the quality of their stored grains.

The unique patented formulation leaves no chemical residues, eliminating insects by "super dehydration". After more than 10 years in the market, **Protect-It®** is the leading empty bin treatment and stored grain insecticide in Canada.

- **Cost Effective**
- **No Chemical Residues**
- **Long Lasting**
- **Odourless**
- **Proven Technology**

