



Comparing Protect-It®

Principal differences between Protect-It® and Malathion Grain Dust:

- Protect-It® maintains its effectiveness for as long as it is in the grain. Because it is a chemical Malathion's effectiveness diminishes over time.
- Malathion leaves a chemical residue on treated grain, Protect-It® does not.
- Because of restrictions from many of Canada's customers regarding chemical residues, the Canadian Grain commission "encourages producers and grain handlers to consider using other control strategies before choosing to apply Malathion directly to grain".
- Protect-It® is a food safe dust that kills insects through dehydration. Malathion is a poison and therefore requires more care in handling, application and disposal of containers.
- Protect-It® is effective against storage moths (e.g. Indian Meal Moth), Malathion is not.
- Malathion has been around a long time and is showing its age. Insects have become resistant to Malathion. This is not the case for Protect-It®.
- The Canola Council is recommending against Malathion use in bins that store canola.
- Protect-It® is odourless. Malathion has a strong unpleasant odour.