



## Reliable, Broad-Spectrum Control with Easy-to-Use Formulation in Apples

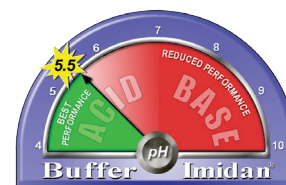
- Broad-spectrum insecticide that controls many economically important pests
- Minimally disruptive to beneficial insects including predacious mites - fits well into IPM programs
- Available as a wettable powder in a convenient water-soluble bag and is compatible with most commonly used fungicides

Pests Controlled	Imidan® 70-WP Instapak® Use Rate	Remarks
Apple Maggot, Codling Moth, Elm Spanworm, Oblique-banded Leaf Roller, Green Fruitworm, Gypsy Moth, Japanese Beetle, Plum Curculio, Redbanded Leafroller, San Jose Scale, Spotted Wing Drosophila, Tarnished Plant Bug, Eye-spotted Bud Moth, and Spotted Tentiform Leafminer	2.68 kg/ha (1.09 kg/a)  See label for details	For heavy insect infestations use shorter spray intervals. Repeat applications as necessary in accordance with insect infestations and Provincial spray programs.  <i>DO NOT apply within 14 days of harvest.</i> <i>Re-entry Interval of 7 days.</i> <i>Pick Your Own Re-entry Interval of 14 days.</i>

### Buffer spray tank solution for maximum efficiency

Effects of pH on Imidan Half Life

pH	5.0	5.5	6.0	6.5	7.0	7.5	8.2
Half life	178 hrs	92 hrs	36 hrs	14 hrs	10 hrs	2 hrs	33 min



**\*Important Note:** Insecticidal activity is reduced when the water in the spray solution is pH 7.0 or higher. Acidify or buffer the tank mix solution to a pH of 5.5 or lower prior to adding Imidan.

For more technical information please contact your local Gowan Agro Canada Representative:

**General Information • (800) 883-1844**

[www.gowanco.com](http://www.gowanco.com)

**Gowan®**  
CANADA



## Maximizing Your Imidan Performance

High pH water in the spray solution can cause some pesticides to break down. LI700® surfactant lowers water pH and ensures your Imidan's efficacy is maintained plus delivers penetration and drift management.

### LI 700 USE RATES

#### Surfactant, Deposition Aid and Drift Reduction

5 litres per 1000 litres of spray solution

or

500 mls (1/2 litre) per 100 litres of spray solution

#### pH Adjuster/Acidifier

##### **Highly Alkaline Water (pH 8 or higher)**

Use - 625 ml - 1.25 litre *LI 700* / 1000 litre of water mixture

##### **Mildly Alkaline Water (pH 6.5 - 8)**

Use - 300 ml - 625 ml *LI 700* / 1000 litre of water mixture

Contains soy oil derivative



### Delivers Better Spray Performance

#### **For Information on LI700 call:**

Ontario & Maritimes: 1-800-265-5444

Western Canada: 1-800-561-5444

British Columbia: 1-604-534-8815

Quebec: 1-800-361-9369

### LI 700 & REDUCTION OF WATER pH

How much will a given amount of *LI 700* lower the pH of spray water? Two conditions mark it difficult to answer that question precisely:

- 1) The relationship between the quantity of acidifying material and the amount of pH reduction is not linear.
- 2) Water hardness - Both the amount of water hardness and the components that contribute to the hardness will impact the amount of *LI 700* it takes to lower the pH

***On average, 100 ml / 100 L can reduce pH from 2 to 2.5 points and 200 ml / 100 L will reduce from 3 to 3.5 points.***

Example:

