



Insect Control in Grapes

Pests Controlled	Application Rate	Remarks
Grape berry moth, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle, and spring cankerworm	1.9 kg/ha (0.77 kg/a) pre-bloom	Excellent for berry moth control.
	2.5 kg/ha (1.01 kg/a) post-bloom	
	3.1 kg/ha (1.25 kg/a) first cover	<i>DO NOT apply within 14 days of harvest</i> <i>Re-entry Interval of 14 days</i> <i>Maximum of 3 applications per season</i>

Pest Management Benefits

- Quick knockdown of target pests and good residual control
- Minimal disruption of beneficial insects including predacious mites
- Fits well into IPM practices
- Effective alternative in a resistance management program
- Compatible with many commonly used grape fungicides

Handling Information

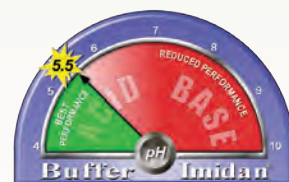
Imidan 50-WP Instapak is packaged in water soluble sachets that are to be dropped into the spray tank unopened. The water soluble Instapak is a convenient pre-measured package serves to reduce mixer/loader exposure and container disposal issues.



Effects of pH on Imidan Half Life

***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 range within 5.0 - 5.5 prior to adding Imidan.

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



For more information please contact your local Gowan Canada Representative:

General Information • (800) 883-1844

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High performance penetrating surfactant and pH adjuster

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

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:

