



## Insect Control in Blueberries

Pests Controlled	Application Rate	Remarks
Blueberry spanworm	2.24 kg/ha (0.91 kg/a)	See label for spray volume. Maximum of two applications per year. Apply from mid-April to mid-June for both sprouting and fruiting field sections. First application to be made when insects reach damaging levels; repeat application if necessary. Consult local crop specialists for detailed recommendations.  <i>DO NOT apply within 15 days of harvest</i> <i>Re-entry Interval of 3 days, Pick-your-own 15 days</i>
Blueberry maggot	2.25 kg/ha (0.91 kg/a)	See label for spray volume. A second application may be made when indicated by insect infestations and local or provincial spray programs. Apply between July 15 - 30.  <i>DO NOT apply within 15 days of harvest</i> <i>Re-entry Interval of 3 days, Pick-your-own 15 days</i>
Japanese beetle (adult)	2.25 kg/ha (0.91 kg/a)	See label for spray volume. Begin application when adult Japanese beetles are first observed. A second application may be required if monitoring indicates this is necessary.  <i>DO NOT apply within 15 days of harvest</i> <i>Re-entry Interval of 3 days, Pick-your-own 15 days</i>

### Pest Management Benefits

- Quick knockdown of target pests and good residual control
- Effective alternative in a resistance management program
- Minimal disruption to beneficial insects including predacious mites, fits well into IPM practices

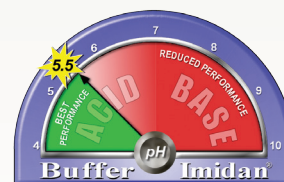
### Handling Information

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:

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CANADA



## 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:

