



Insect Control in Tree Fruit

Pests Controlled	Application Rate	Remarks
Apples: Codling moth, redbanded leafroller, plum curculio, apple maggot, oblique-banded leafroller ¹ , gypsy moth, Japanese beetle, and spring cankerworm. See label for additional insects.	3.75 kg/ha (1.52 kg/a)	See Provincial recommendations for application timings. <i>DO NOT apply within 14 days of harvest</i> <i>Re-entry Interval of 7 days, Pick-your-own 14 days</i>
Cherries, sour: Peach twig borer, plum curculio, redbanded leafroller, cherry fruit fly, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle, and spring cankerworm. See label for additional insects.	3.75 kg/ha (1.52 kg/a)	See Provincial recommendations for application timings. <i>DO NOT apply within 7 days of harvest</i> <i>Re-entry Interval of 3 day</i>
Peaches: Plum curculio, elm spanworm, Japanese beetle, and spring cankerworm. See label for additional insects.	3.75 kg/ha (1.52 kg/a)	<i>DO NOT apply within 14 days of harvest</i> <i>Re-entry Interval of 7 days, Pick-your-own 14 days</i>
Pears: Codling moth, redbanded leafroller, plum curculio, oblique-banded leafroller ¹ , eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle, and spring cankerworm. See label for additional insects.	3.75 kg/ha (1.52 kg/a)	See Provincial recommendations for application timings. <i>DO NOT apply within 14 days of harvest</i> <i>Re-entry Interval of 7 days, Pick-your-own 14 days</i>
Plums: Plum curculio, apple maggot, redbanded leafroller, eastern tent caterpillar, elm spanworm, gypsy moth, Japanese beetle, and spring cankerworm. See label for additional insects.	3.75 kg/ha (1.52 kg/a)	See Provincial recommendations for application timings. <i>DO NOT apply within 14 days of harvest</i> <i>Re-entry Interval of 7 days, Pick-your-own 14 days</i>

¹Begin sprays for oblique-branded leafroller within 7 - 10 days after first moths are trapped

Pest Management Benefits

- Quick knockdown of target pests and good residual control
- Minimal disruption to beneficial insects including predacious mites, fits well into IPM practices

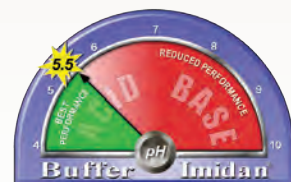
Handling Information

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:

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:

