



Guide for tomato potato psyllid control in potatoes

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Since its sudden appearance in Western Australia in early 2017, the tomato potato psyllid (*Bactericera cockerelli*) has been the subject of control programs within the potato industry. With its unique 2 way systemicity, MOVENTO 240 SC is an effective control option that is available to the industry.

The use of MOVENTO® 240 SC Insecticide for tomato potato psyllid control in potatoes is authorised by APVMA permit 84245. Obtain and read the full permit document before using MOVENTO for control of tomato potato psyllid in potatoes.

Pest	Tomato potato psyllid (<i>Bactericera cockerelli</i>)
Rate	400 mL/ha or 40 mL/100 L water
Spray interval	7 to 14 days, apply based on pest pressure. Do not re-apply MOVENTO 240 SC within 7 days of a previous MOVENTO 240 SC spray.
Maximum number of applications	3 per crop
Water rate	Use water rates sufficient to achieve complete coverage of crop foliage.
Adjuvants	Apply MOVENTO 240 SC with Hasten® spray adjuvant according to the manufacturer's label recommendation.
Use with a knockdown insecticide	MOVENTO 240 SC is most effective on nymphs. If the pest population is dominated by adults, an initial knockdown application of abamectin or bifenthrin may be required.
Compatibility	For information on the compatibility of MOVENTO 240 SC with other products, contact your local Bayer Crop Science representative.
WHP	7 days
Pack sizes	3 L and 10 L
IPM	MOVENTO 240 SC is IPM compatible however; it may have an adverse effect on predatory mites where IPM is practiced.
Storage	Store in the closed, original container in a cool, well-ventilated area.



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Recommended timing for a tomato potato psyllid spray program using MOVENTO 240 SC

MOVENTO 240 SC has a unique mode of action as a lipid biosynthesis inhibitor and has an intermediate speed of control being most active against developmental (e.g. nymphs) life stages. Direct adult knockdown is limited, however the viability of eggs laid by treated adults is reduced. Based on these attributes, as well as its ability to move throughout the plant, MOVENTO 240 SC is recommended to be used early in the season (as part of a season long programme) on actively growing crop foliage and a developing pest population.

Do not use MOVENTO 240 SC alone on already heavily pest infested crops with multiple life stages dominated by adults.



EGGS

Eggs are oval shaped and yellow to orange in colour and are attached to the leaf on a pedicel.

Eggs can be laid anywhere on the leaf including the underside.

Eggs are most obvious when on the leaf edges.



NYPHPS

Nymphs are firstly light yellow – tan colour developing into a brownish to green colour.

Nymphs are found (and feed) on the underside of leaves. They are small (up to 2 mm) and need hand glass magnification to be seen.

On the fourth and fifth instar nymphs wing buds can be seen.



ADULTS

After the fifth moult, the final instar hatches into an adult.

The adult looks like a tiny cicada – 3-4 mm long, a brown to black colour with clear wings.

Adult females can lay up to 500 eggs over a 21-day period.

IPM fit

“Soft” on most beneficial species when used as directed, MOVENTO 240 SC has minimal impact compared to broad-spectrum alternatives. MOVENTO 240 SC is generally highly compatible with IPM production systems, but may have an adverse effect on predatory mites.

For further details on MOVENTO 240 SC, please visit crop.bayer.com.au/movento

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