



Forbid[®]

Product

information sheet

// BEST USES

Forbid[®] 240SC is a broad-spectrum miticide and insecticide that offers outstanding efficacy and long residual control of mites and whiteflies. Forbid 240C is registered in Canada for use on greenhouse ornamentals, greenhouse vegetables and outdoor ornamentals.

// KEY STRENGTHS

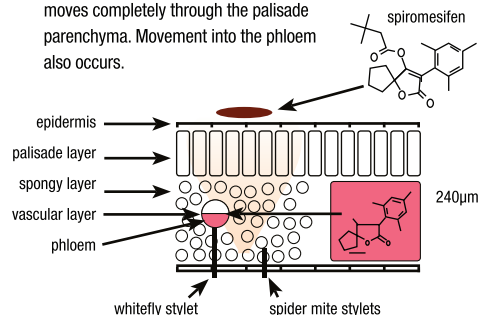
Forbid 240SC is active on all stages of mites including mobile and immobile – eggs, nymphs, immobile nymphs and adults. Forbid 240SC is also active on most whitefly stages, but the juvenile forms (nymphs and pupal) are more susceptible. Forbid 240SC provides up to 30 days of residual control. Forbid 240SC is currently registered for two-spotted spider mite and whiteflies including sweet potato, silverleaf and greenhouse whiteflies in both greenhouse ornamental and greenhouse vegetables (tomato, cucumber, pepper).

// BENEFITS OF APPLYING FORBID

- Controls both mites and whiteflies
- Contact and translaminar mode of activity
- Long residual > 30 days
- Resistant management tool
- Soft on beneficials – good fit in IPM
- Considered a low risk compound
- Low resistance potential

Translaminar Activity:

Spiromesifen penetrates the epidermis and moves completely through the palisade parenchyma. Movement into the phloem also occurs.



// **Active Ingredient**
spiromesifen 240 g/L

// **Group**
group 23 insecticide

// **Formulation**
suspension

// **Packaging**
case = 8 x 500 mL

Forbid 240SC Rate Chart

Pest	Crop	Dosage	Remarks
Two-spotted spider mite Whiteflies (including sweet potato, silverleaf and greenhouse whiteflies)	Greenhouse ornamentals	30 mL/100 L of water (0.03% solution)	Under high pest population pressure, reapply in 10-14 days No more than 2 applications per crop cycle Test for tolerance is recommended on a small scale basis* Please read label for variety restrictions
Two-spotted spider mite Whiteflies (including sweet potato, silverleaf and greenhouse whiteflies)	Greenhouse vegetables (tomatoes, cucumbers and peppers)	30-50 mL/100 L of water (0.03-0.05% solution)	Avoid applying under stress conditions such as drought, high temperature Forbid 240SC will not knock down adult whitefly populations
Two-spotted spider mite Whiteflies (including sweet potato, silverleaf and greenhouse whiteflies) Broad mites	Ornamental plants, flowers and foliage plants (please refer to label)	30 mL/100 L of water (0.03% solution)	Apply with ground equipment & ensure thorough coverage of all leaf surfaces An adjuvant may be used to improve coverage on hard-to-wet foliage For best results the treatment should be made when the whitefly or mite population begins to build and before a damaging population becomes established Forbid 240SC will not knock down adult whitefly populations. Apply at egg and nymphal stages.

* Forbid 240SC has been extensively tested on and is safe to use on a wide variety of ornamentals. However, it is impossible to test for tolerance on all ornamental varieties. A tolerance test is therefore recommended – please refer to label.

Mode of Action

Forbid 240SC is in the class of chemistry called the Tetramic acids. Its active ingredient; Spiromesifen, is a lipid biosynthesis inhibitor (LBI). It is the only miticide to use the LBI mode of action. Thanks to its novel mode of action, foliar-applied Forbid offers growers an effective tool for management of mites resistant to conventional products. Forbid 240SC offers excellent contact and translaminar activity, protecting both sides of leaf tissues. Thorough coverage of all plant parts is required for optimum performance.

Environmental Impact

All pesticides are regulated under the Pest Control Products Act to ensure that they do not pose an unacceptable risk to human health and the environment. For information regarding the pesticide regulatory process, visit Health Canada's Pest Management Regulatory Agency website www.hc-sc.gc.ca/pmra-arla



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