

KOPA® insecticidal soap expanded via Minor Use Program to help manage spotted lanternfly nymphs on ornamental and shade trees, and outdoor flowering, foliage, and bedding plants in Canada

By Josh Mosiondz, Minor Use Coordinator, OMAFRA

The Pest Management Regulatory Agency (PMRA) recently announced the approval of a minor use label expansion registration for KOPA® insecticidal soap for suppression of spotted lanternfly nymphs on ornamental and shade trees, and outdoor flowering, foliage, and bedding plants in Canada. *Note: Spotted Lanternfly has not been detected in Canada at this time. This submission was reviewed submitted to, and review by PMRA in the event a pest population is detected in an agricultural field.* KOPA® insecticidal soap was already labeled for management of insects on a wide range of crops in Canada. These minor use proposals were the Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec as a result of minor use priorities established by growers and extension personnel.

The following is provided as an abbreviated, general outline only. Users should be making insect management decisions within a robust integrated insect management program and should consult the complete label before using KOPA® insecticidal soap.

Crop(s)	Target	Rate (L product / 400 L)	Application Information
Ornamental and shade trees such as flower and foliage plants, birch, flowering cherry, dogwood, evergreens, hawthorn, holly, magnolia, maple, oak, flowering peach, privet, pyracantha, sycamores Outdoor flowering, foliage, and	Suppression of Spotted Lanternfly nymphs	4 - 8	Mix 8 L of product with 400 L of water. Add sufficient water to the mixing tank to allow proper agitation by pump or paddles. Continue stirring while adding first the Kopa Insecticidal Soap then the remaining water. Hard water in excess of 300 ppm should be conditioned to reduce its hardness prior to mixing with Kopa Insecticidal Soap. For field applications, apply the diluted solution at a rate of 700 to 1900 L/ha using ground spray equipment. For best results, commence treatment when infestation is first noticed. Thoroughly spray insect pests on plants with diluted product to wetting. Minimize run-off to reduce plant injury on sensitive plants. Kopa Insecticidal Soap is a contact spray and is effective in its liquid state. Pests need to be contacted with spray solution to be effective. Efforts should be made to

bedding plants		<p>thoroughly reach all plant parts including undersides of leaves. Repeat treatment every one to two weeks as needed. Apply to a maximum of three consecutive applications to ensure plant injury does not occur. Additional applications may be possible if previous experience with repeat applications of the product under the same conditions have not produced plant injury.</p> <p>Do not spray when plants are under stress. Use with care on new seedlings, transplants and blooms. Do not apply to new seedlings and transplants without determining sensitivity (phytotoxicity) first. Avoid spraying during full sun; Spray early in morning or evening or when overcast. Soap spray may cause marking of some varieties. If concerned about sensitivity of plants, apply to individual plants or small areas of plants and wait to determine if plant damage (phytotoxicity) occurs prior to treatment of larger areas.</p>
----------------	--	---

This product is toxic to aquatic organisms. Do not allow wastewater, effluent or runoff containing this product to enter lakes, streams, ponds or other waters. Avoid direct application to ponds, streams and lakes.

Follow all other precautions, restrictions, and directions for use on the KOPA® insecticidal soap label carefully.

For a copy of the new minor use label contact Cassie Russell, Nursery and Landscape Specialist, OMAFRA, (cassie.russell@ontario.ca), your regional supply outlet, or visit the PMRA label site <http://www.hc-sc.gc.ca/cps-spc/pest/registrant-titulaire/tools-ouils/label-etiq-eng.php>

Note: This article is not intended to be an endorsement or recommendation for this particular product, but rather a notice of registration activity