

Pest Control Products Registered for Use on Lavender in Ontario – 2020

The following tables list pest control products registered on lavender in Ontario as of April 28, 2020. This list is intended as a guide and does not replace current product labels. **Always read the label thoroughly before applying a pest control product and follow all label instructions.** It is the grower and applicator's responsibility to be aware of all federal and provincial regulations governing the use of pesticides in Ontario. More information on the use of pesticides in Ontario can be found on the OMAFRA website at www.ontario.ca/usingpesticides.

Table 1. Greenhouse Insect and Disease Control for Lavender						
Legend						
Group: Chemical group number for a pest control product established by the Insecticide Resistance Action Committee (insecticides) or Fungicide Resistance Action Committee (fungicides) based on mode of action for resistance management planning. PHI: Pre-Harvest Interval. The required time period between the last spray and the first harvest. REI: Restricted Entry Interval. Do not enter treated fields unprotected until after the REI has passed. If the REI is not specified, assume a 12-hr REI. NS: Not Specified						
Group	Common Name	Trade Name	Rate	PHI	REI	Notes
Greenhouse Transplant Disease Control						
44	<i>Bacillus subtilis</i>	Cease Biological	1–2 L/100 L water	0	NS	Suppression of botrytis grey mold and sclerotinia white mold
	<i>Trichoderma harzianum</i>	RootShield HC	55–110 g/m ³ soil	NS	NS	Suppression of root rots caused by <i>Pythium</i> spp., <i>Rhizoctonia</i> spp. and <i>Fusarium</i> spp. Drench application to potting soil or mix.
Greenhouse Transplant Insect Control						
NC	<i>Beauveria bassiana</i>	Bio Ceres G WP	2–4 g/L in 500 to 1,000 L/ha water	0	NS	Reduction in numbers of whiteflies, aphids and thrips. Do not mix with fungicides. Control will not be apparent for 5–7 days.
		Botanigard ES	Aphids and Whiteflies: 0.5–1 L/400 L spray volume Thrips: 2 L/400 L spray volume	0	4hr	Control of aphids, whiteflies and thrips. Control may not be apparent for 7–10 days. Do not tank mix with any other product. May cause injury on some varieties; test on a small area before use on a new variety of plant.
	Potassium salts of fatty acids	Kopa Insecticidal Soap Opal Insecticidal Soap	8 L in 400 L of water Apply dilute solution at a rate of 700–1,900 L/ha	0	NS	Control of aphids, mites and whiteflies. Applying more than three times may cause plant injury. Do not spray when plants are under stress. See label for tank-mix precautions and crop tolerance information. Avoid spraying during full sun.

Table 2. Field Insect and Disease Control for Lavender

Legend

Group: Chemical group number for a pest control product established by the Insecticide Resistance Action Committee (insecticides) or Fungicide Resistance Action Committee (fungicides) based on mode of action for resistance management planning.

PHI: Pre-Harvest Interval. The required time period between the last spray and the first harvest.

REI: Restricted Entry Interval. Do not enter treated fields unprotected until after the REI has passed. If the REI is not specified, assume a 12-hr REI.

NS: Not Specified

Group	Common Name	Trade Name	Rate	PHI	REI	Notes
Field Disease Control						
44	<i>Bacillus subtilis</i>	Serenade Opti	1.7–3.3 kg/ha	0	NS	Suppression of sclerotinia white mold and botrytis grey mold
	<i>Aureobasidium pullulans</i>	Botector	1 kg/ha	0	NS	Suppression of botrytis grey mold
Field Insect Control						
NC	Potassium salts of fatty acids	Kopa Insecticidal Soap	8 L in 400 L of water. Apply dilute solution at a rate of 700–1,900 L/ha	0	NS	Control of aphids, mites and whiteflies. Applying more than three times may cause plant injury. Do not spray when plants are under stress. See label for tank-mix precautions and crop tolerance information. Avoid spraying during full sun.
		Opal Insecticidal Soap				
NC/3A	potassium salts of fatty acids + pyrethrins	Safer's Trounce	5 L/ha	1	NS	Reduction in populations of aphids and mites. Also reduces populations of earwigs. See label for application instructions and rates.
20D	bifenazate	Acramite 50WS	851 g/ha	7	12hr	Control of two-spotted spider mites