

## CHEMICALS REGISTERED OR LEGALLY PERMITTED FOR USE AGAINST KEY OLIVE PESTS AND DISEASES (August 2020)

TARGET PEST OR DISEASE	ACTIVE CONSTITUENT	MoA GROUP (I)nsecticide (F)ungicide	PRODUCT(S)	REGISTERED OR PERMIT	CONDITIONS OF USE
<b>Ants</b>	Pyriproxyfen	7C (I)	DISTANCE PLUS ANT BAIT®	Registered	Max 3 applications/season, min 3 months apart between each one. No WHP.
	Chlorpyrifos	1B (I)	various	PER14575 Until Mar 2022	Apply no more than 2 times /season. No WHP, but no grazing (Ground, butt treatments only).
<b>Black scale</b>	Emulsifiable Botanical Oil	9B (I)	ECO-OIL® MITICIDE/INSECTICIDE BOTANICAL OIL CONCENTRATE, POOP®	Registered	No WHP.
	Paraffinic oil, Petroleum spray oil	9B (I)	isoCLEAR HPO, TRUMP®, SACOA BIOPEST®	Registered	WHP 1 day.
	Pyriproxyfen	7C (I)	ADMIRAL®, various others	Registered	Max 2 applications/season. WHP 7 days.
<b>Olive lace bug</b>	Clothianidin	4A (I)	SAMURAI®	PER14897 Until Mar 2023	1 application/season. Add MAXX Organosilicone surfactant. WHP 56 days.
	Potassium soap		NATRASOAP®	PER14414 Until Sep 2023	Apply 2 treatments 7–10 days apart. Organically acceptable. No WHP.

	Dimethoate	1B (I)	ROGOR®, various others	PER13999 Until Mar 2021	Max 4 applications/season. 2 sprays, 7–14 days apart. Not to be used for table olives. WHP 6 weeks.
	Esfenvalerate	3A (I)	SUMI-ALPHA FLEX®, various others	PER86677 Until Dec 2023	Max 4 applications/season to fruiting trees, ≥ 14 days apart. WHP 14 days.
	Pyrethrins	3A (I)	PYGANIC, and others	PER81870 Until Oct 2024	Max 6 applications/season, ≥ 14 day re-treatment interval. Use different MoA product after 2 applications. WHP 1 day.
<b>Green vegetable bug, Rutherglen bug</b>	Dimethoate	1B (I)	ROGOR®, various others	PER13999 Until Mar 2021	Max 4 applications/season. 2 sprays 7–14 days apart. Not to be used for table olives. WHP 6 weeks.
<b>Weevils</b>	Alpha-cypermethrin	3A (I)		PER14791 Until Nov 2021	Max 2 applications/season to trees of fruit bearing age. No WHP, but no grazing (Ground, butt treatments only).
<b>Anthracnose</b>	Azoxystrobin	11 (F)	Various	Registered	Max 2 applications/season >21 days apart. WHP 21 days.
	Metiram & Pyraclostrobin	M3+11 (F)	AERO®	PER14908 Until Jul 2024	Max 2 applications/season >21 days apart. WHP 21 days.

	Mancozeb	M3 (F)	Various	PER88358 Until Jul 2023	Max 4 applications/season >14 days apart WHP 14 days
	Copper (cupric hydroxide, cuprous oxide, tribasic copper sulphate)	M1 (F)	Various	PER11360 Until Nov 2021	WHP 1 day Also for other fruit rots Generally organically acceptable
	Copper oxychloride	M1 (F)	Various	Registered	WHP 1 day Also for other fruit rots May not be organically acceptable
	Copper oxychloride + copper hydroxide	M1	AIRONE WG FUNGICIDE	Registered	WHP 1 day Also for other fruit rots May not be organically acceptable
<b>Olive knot</b>	Copper oxychloride + copper hydroxide	M1	AIRONE WG FUNGICIDE	Registered	WHP 1 day Also for other fruit rots May not be organically acceptable
<b>Peacock spot, Grey mould, Leaf spots</b>	Copper (cupric hydroxide, cuprous oxide, tribasic copper sulphate)	M1 (F)	Various	PER11360 Until Mar 2017	WHP 1 day Generally organically acceptable
	Copper oxychloride	M1 (F)	Various	Registered	WHP 1 day May not be organically acceptable
	Copper oxychloride + copper hydroxide	M1	AIRONE WG FUNGICIDE	Registered	WHP 1 day Also for other fruit rots May not be organically acceptable
<b>Phytophthora, Verticillium Wilt</b>	Metham	8 (F)	Ken-Pam 423 fumigant	Registered	Pre-plant soil treatment. 14-30 day minimum interval between treatment and planting

**Disclaimer:** Horticulture Innovation Australia Limited (Hort Innovation) makes no representations and expressly disclaims all warranties (to the extent permitted by law) about the accuracy, completeness, or currency of information in Olive Best Practice Manual. Reliance on any information provided by Hort Innovation is entirely at your own risk. Hort Innovation is not responsible for, and will not be liable for, any loss, damage, claim, expense, cost (including legal costs) or other liability arising in any way, including from any Hort Innovation or other person's negligence or otherwise from your use or non-use of the Manual or from reliance on information contained in the material or that Hort Innovation provides to you by any other means.

