

## KVH recommended spray programme for organic growers—post-harvest to bud break

**Key principles:** ‘Reduce inoculum levels’ and ‘protect all wounds’

Wounds e.g. fruit stalks, leaf scars and pruning cuts are proven entry points for Psa-V. They remain susceptible to infection for several weeks.



	1. Post-harvest	2. Leaf fall	3. Wound protection	4. Post pruning
What to do	Apply post-harvest copper.	Apply copper through the leaf fall period.	Apply wound protection to wounds created during pruning.	Apply copper to pruned canopy.
Purpose	<ul style="list-style-type: none"> <li>●Protect the large number of “fresh” wounds (fruit stalks).</li> <li>●Reduce inoculum level in the orchard.</li> </ul>	<ul style="list-style-type: none"> <li>●Protect wounds (leaf scars) created as leaves fall.</li> <li>●Reduce inoculum level in the orchard.</li> </ul>	<ul style="list-style-type: none"> <li>●Cover and protect wounds.</li> <li>●Reduce inoculum level at the wound site.</li> </ul>	<ul style="list-style-type: none"> <li>●Protect any wounds missed by painting, including cicada wounds and cracked canes.</li> <li>●Reduce inoculum level in the orchard.</li> </ul>
How to do	<ul style="list-style-type: none"> <li>●Apply spray at 1000L per hectare. Target fruit stalks. <u>Use summer rates:</u> e.g. Nordox 37.5gm per 100L</li> </ul>	<ul style="list-style-type: none"> <li>●Apply spray at 1000L per hectare. Target leaf scars. <u>Use winter rates:</u> e.g. Nordox 55gm per 100L</li> </ul>	<ul style="list-style-type: none"> <li>●Paint all large cuts with a wound sealant.</li> </ul>	<ul style="list-style-type: none"> <li>●Apply spray at 1000L per hectare. Target the whole canopy. <u>Use winter rates:</u> Nordox 55gm per 100L</li> </ul>
Notes	<ul style="list-style-type: none"> <li>●Apply immediately after picking.</li> </ul>	<ul style="list-style-type: none"> <li>●Winter (dormancy) is a low risk period for phytotoxicity.</li> <li>●Winter rates should increase persistence and maximise inoculum knockdown.</li> <li>●Multiple applications will be required if leaf fall is prolonged.</li> </ul>	<ul style="list-style-type: none"> <li>●Maintain tool hygiene throughout pruning.</li> </ul>	<ul style="list-style-type: none"> <li>●Apply as soon as possible after pruning.</li> </ul>

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