

FOOTWEAR AND SMALL HAND TOOL PHYLLOXERA DISINFESTATION PROTOCOL

Anyone who has visited another vineyard before yours could carry phylloxera, weed seeds and other pests and diseases. An important step to protect your vines is to ensure that everyone coming onto your vineyard is wearing clean clothes and that their footwear is clean and disinfested. The footwear disinfestation process must be completed both before a visitor walks near your vines and before a visitor leaves your property, following the 'clean in, clean out' practice. The same process is recommended for disinfesting pruning snips, picking snips, shovels and other small hand tools that come into contact with soil and grapevine material.

Note: This disinfestation protocol can be used for other pests and diseases, but the use of chlorine as a disinfectant is specific to phylloxera.

DISINFESTATION ON ENTRY & EXIT TO YOUR PROPERTY

SHOPPING LIST



Sturdy tubs with lids



Chlorine



Water



Gloves



Safety glasses

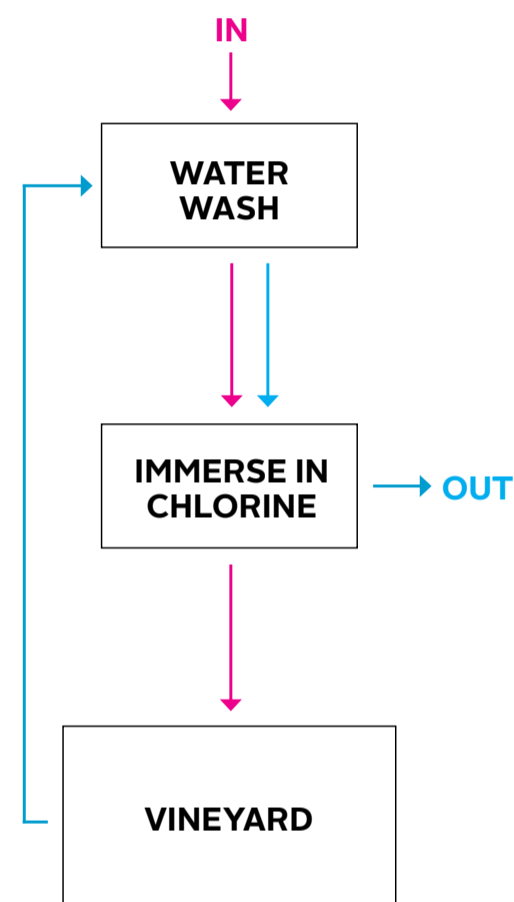


Scrubbing brushes

WHAT TO DO

<p>STEP 1 - WASH</p>	<p>Prior to entry to your property – Footwear must be cleaned of soil and plant material with water. On exit – Use water and scrubbing brush (or screwdriver) to remove soil and plant material from tread of footwear.</p>
<p>STEP 2 - MIX</p>	<p>Mix a 2% sodium hypochlorite solution ('chlorine') in a tub in sufficient volume to cover top of footwear. If using a 4% sodium hypochlorite product such as White King bleach, mix 1 part water to 1 part product. Check expiry date and follow safety instructions of product. Use gloves and safety glasses.</p>
<p>STEP 3 - SITUATE</p>	<p>Place chlorine solution tub on hard stand area well away from vines – preferably under cover or in the shade, at shed, office or farm gate.</p>
<p>STEP 4 - IMMERSE</p>	<p>Ensure footwear is immersed for at least 60 seconds in chlorine solution. Do not rinse after immersion. Caution against splashing to eyes, skin and clothes.</p>
<p>STEP 5 - COVER</p>	<p>Place lid over chlorine solution during the day to avoid breakdown by the sun. Replace solution daily or more frequently if it gets dirty.</p>
<p>STEP 6 - DISPOSE</p>	<p>Empty tub contents onto hard stand area or contained wash down area, away from vines, wheel and foot traffic.</p>

HOW TO DO IT

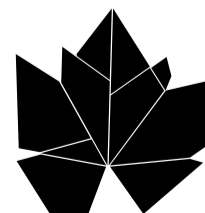


TIPS

1. Set up your disinfestation station to ensure flow in from the washing station to the chlorine station to the vineyard. Then from the vineyard to the washing station to the chlorine station and out, avoiding ground walked on prior to disinfestation.
2. Visitors must stand in the chlorine solution for 60 seconds. Consider how you will time this. You could use the 60 seconds to talk to each visitor about vine health.
3. The disinfestation process will be considerably less effective if the chlorine solution is muddied. It's important to ensure footwear entering the chlorine station is already cleaned of soil and plant material.

ALTERNATIVES TO DISINFESTATION

Provide visitors with gumboots to wear that stay on your property, or with sturdy shoe covers. Require contract labourers to keep a pair of boots just for use in your vineyard, bringing other footwear to change into when they leave. These vineyard boots only need to be cleaned the first time they are brought onto your property.



VINEHEALTH
AUSTRALIA