

c) **Dry heat ***

- i Place the harvester / other machinery in a suitable room, shed or container that can be heated up to the required temperature;
- ii Apply temperature probes to the machine, and measure the surface temperature and preferably some deeper parts of the machinery;
- iii Heat up the room until the probes indicate the required temperature has been reached **EITHER** 1.5 hours at 45⁰C **OR** 2 hours at 40⁰C.

Or

- (3) Certified that the harvester / other machinery has been located continuously for at least the preceding two weeks in either a state free of phylloxera or a Phylloxera Exclusion Zone (PEZ) - (see *Explanations – Condition 7*).

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate and permit from Chief Inspector.

Equipment

- A) Grape bins from a Phylloxera Infested Zone (PIZ) must be cleaned prior to (i) immersion totally in water at 70⁰C and (ii) held for at least 2 minutes after the temperature of the bins has reached 70⁰C.

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate

- B) Used grape equipment including grape bins and containers from PRZ/PEZ areas, together with hand tools used in vineyards, must be clean and free of plant residues and soil on arrival in South Australia.
- C) Used vineyard posts must be cleaned and sterilised by one of the methods specified for Machinery (including grape harvesters) in (2) above.

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate

<u>Condition 8 – Grapes⁺ and Related Materials</u>
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(* see also 12E and 12F – fruit fly requirements)

Wine grapes from a **Phylloxera Infested Zone (PIZ)** are prohibited entry into South Australia.

Table grapes from a **phylloxera infested zone (PIZ)** are permitted entry following either:

- (i) fumigation with methyl bromide by a licensed fumigator at one of the following rates:
 - (i) **10°C - 14.9°C @ 48 g/m³ for 2 hrs; or**
 - (ii) **15°C - 20.9°C @ 40 g/m³ for 2 hrs; or**
 - (iii) **21°C - 25.9°C @ 32 g/m³ for 2 hrs; or**
 - (iv) **26°C - 31.9°C @ 24 g/m³ for 2 hrs.**

or

- (ii) fumigation treatment with a mixture of **1% sulphur dioxide (SO₂) and 6% carbon dioxide (CO₂) for 30 minutes.**

(Please note: Packaging of fruit for fumigation must allow for penetration and subsequent aeration of the above fumigants.)

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate

Wine **grapes** from a **Phylloxera Risk Zone (PRZ)**, are prohibited except under permit* from the Chief Inspector.

**A permit for the movement of grapes from a PRZ will only be issued for growers who have entered into an approved Interstate Certification Assurance (ICA) arrangement with their relevant interstate department. Such an arrangement will involve phylloxera risk minimisation processes for the vineyard including the history of the sourcing of the grapevine planting material on the property, machinery movements and disinfestation, etc.*

Table grapes from a phylloxera risk zone (PRZ) are prohibited except as packed table grapes with one of the following treatments:

- (i) fumigation with methyl bromide by a licensed fumigator at one of the following rates:
 - (i) **10°C - 14.9°C @ 48 g/m³ for 2 hrs; or**
 - (ii) **15°C - 20.9°C @ 40 g/m³ for 2 hrs; or**
 - (iii) **21°C - 25.9°C @ 32 g/m³ for 2 hrs; or**
 - (iv) **26°C - 31.9°C @ 24 g/m³ for 2 hrs.**

or

- (ii) fumigation treatment with a mixture of 1% sulphur dioxide (SO₂) and 6% carbon dioxide (CO₂) for 30 minutes.

(Please note: Packaging of fruit for fumigation must allow for penetration and subsequent aeration of the above fumigants.)

or

- (iii) the inclusion of sulphur pads (a registered product containing a minimum of 970g/kg anhydrous sodium metabisulphite at the rate specified on the label).

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate

Grapes (both wine grapes and table grapes) from a **phylloxera exclusion zone (PEZ)** are permitted entry with certification.

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate

Grape Must and Unfiltered Juice (see Explanations) may enter South Australia from either:

- (i) a proclaimed phylloxera free area / phylloxera exclusion zone (PEZ) or from a State free from Phylloxera with proof of origin;

or

- (ii) from a Phylloxera Infested Zone (PIZ) or from a Phylloxera Risk Zone (PRZ) under an approved Interstate Certification Assurance (ICA) Arrangement.

Proof: Accompanied by a Plant Health Certificate or a Plant Health Assurance Certificate

Filtered Juice (see Explanations) and **Wine** may enter unrestricted under the agreed National Phylloxera Management Protocols.

Grape Marc (see Explanations) only post fermentation marc may enter.

Explanations:

- (i) **Grape Must** means the total product of crushing grape berries, includes juice, skins, seeds, pulp and possibly some stems and leaves
- (ii) **Unfiltered Juice** means the liquid fraction from must, excluding skins, seeds and other large solids, but which contain some suspended solids.
- (iii) **Filtered Juice** means juice processed through a filter that removes all particles larger than 50 microns. Centrifugation and cold settling are accepted alternatives to filtration for the purposes of this definition provided that the same outcomes are achieved.
- (iv) **Post-fermentation Marc** means the solids residue from pressing of wine fermented on skins containing skins, seeds, and possibly stems and that has completed at least four days in the fermentation process.

Condition 8A – Grapevine Diagnostic Samples and Vineyard Soils

All grapevine diagnostic samples and vineyard soil samples for analysis in South Australia may only be handled in a laboratory that is accredited by Primary Industries and Resources SA for this purpose. Any grapevine diagnostic samples and vineyard soils require **prior written approval** from the Chief Inspector, South Australia before they can enter the State.

Accredited laboratories must document and maintain agreed procedures for the secure handling and disposal of grapevine diagnostic samples and vineyard soils from interstate sources. Specific conditions, approved by the Chief Inspector, will apply depending upon the perceived risk associated with samples from the three key phylloxera zones (see below).

The following conditions apply to samples from specified areas:

- (1) Grapevine material and vineyard soil as diagnostic samples from a **Phylloxera Exclusion Zone (PEZ)** region can enter South Australia provided they are:
 - (i) Securely packaged for transport - ie double ziploc/sealed bag for each sample and in a cooler box (or similar hard structure), which is then placed into an overnight courier bag, express post pack or similar for transport or personal carriage; **and**