

Australian Standard[®]

Grapevine propagation material



This Australian Standard® was prepared by Committee FT-036, Grapevine Quality Assurance. It was approved on behalf of the Council of Standards Australia on 26 August 2013.

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The following are represented on Committee FT-036:

- Australian Society of Viticulture and Oenology
 - Australian Vine Improvement Association
 - Consumers' Federation of Australia
 - CSIRO Plant Industry
 - Department of Agriculture, Fisheries and Forestry (Commonwealth)
 - Grape and Wine Research and Development Corporation
 - Riverland Vine Improvement Committee
 - Vine Industry Nursery Association
 - Wine Australia
 - Wine Grape Growers Australia
 - Winemakers' Federation of Australia
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PREFACE

This Standard was prepared by members of Standards Australia Committee FT-036, Grapevine Quality Assurance.

The objectives of this Standard are as follows:

- (a) To provide the purchaser of grapevine propagation material with assurance as to the origin, varietal identity, physical specifications and health status of grapevine propagation material.
- (b) To document a clear trail back to the original source vine in Australia (G_0) together with evidence of the method used to identify that original vine(s). Additionally, this Standard aims to provide a means of avoiding confusion of varietal identity and inappropriate adoption of synonyms.
- (c) To provide clear evidence as to whether material has been tested for vine health, what method of testing has been used and the details of the pathogens detected in the material.

Grapevine propagation material that meets this Standard should provide the purchaser with assurance on identity, known health status and physical specifications of propagules.

Compliance with the provisions of this Standard does not override failure to comply with the provisions of the *Wine Australia Corporation Act 1986, Australia and New Zealand Food Standards Code*, or with applicable Commonwealth, State and Territory laws and regulations.

The terms 'normative' and 'informative' have been used in this Standard to define the application of the appendix to which they apply. A 'normative' appendix is an integral part of a Standard, whereas an 'informative' appendix is only for information and guidance.

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FOREWORD

The Australian Wine Sector has established a significant position in global wine trade. Our future competitiveness and profitability, however, will depend in large part on access to high quality grapevine propagation material from an increasingly diverse range of varieties.

As Australia's viticultural base evolves, the following issues will need to be addressed:

- (a) Phytosanitary status.
- (b) Origin, source or provenance and its traceability.
- (c) Nomenclature and assurance of validity in variety/cultivar naming and potential clonal identity.
- (d) Viticultural soundness of propagules arising from quarantine, collections and nurseries.

Our range of grapevine propagation material is based on very long established grapevine varieties often of uncertain lineage and provenance. There has been no national set of standards for planting material that provides confidence in the health status of the material or assurance that the material is what it is claimed to be. In fact, there is no national or internationally consistent nomenclature or officially recognised vine source material and, given the requirements of the *Wine Australia Corporation Act 1988* and Wine Australia's Label Integrity Program, serious attention to these matters is warranted.

Throughout recent decades, the Australian Vine Improvement Association (AVIA) and the Vine Industry Nursery Association (VINA) have supported their members and customers by the development and promotion of 'certified' planting material delivered via 'accredited' nurseries, in turn supported via schemes of best practice and traceability. Nevertheless, there remains discontinuity and incomplete coverage of the supply chain which this Standard aims to address. This Standard avoids the use of the terms 'certified' and 'accredited' as such a status may only be awarded by external parties utilising this Standard as a basis for such designations.

The development of this Australian Standard for Grapevine propagation material, AS 5588, has been promoted by the Wine Grape Growers Australia (WGGA) and the Winemakers' Federation of Australia (WFA), funded by the Grape and Wine Research and Development Corporation (GWRDC), supported by the Australia Government's Department of Agriculture Fisheries and Forestry (DAFF) and Wine Australia. Consultation with, and representation from CSIRO Plant Industry, and key national bodies, including the Australian Vine Improvement Association (AVIA), the Vine Industry Nursery Association (VINA) and the Australian Society for Viticulture and Oenology (ASVO), was also achieved.

Molecular technologies relevant to the matters of genetic identification and diagnosis of pathogens that may afflict grapevine material are undergoing rapid development so this document should be seen as a basis for identifying and commissioning ongoing R&D on these issues and future refinement of the Standard. It is thus recommended that an initial review of the Standard be undertaken within the next 2 years.

Future refinement anticipates international progress in agreeing on mechanisms to define variety type references and related means to resolve problems of identity. It might also be hoped that capacity to discriminate between clones within varieties will also be achieved and that such refinement would be reflected within the future Standard.

STANDARDS AUSTRALIA

Australian Standard
Grapevine propagation material

SECTION 1 SCOPE AND GENERAL

1.1 SCOPE

The Standard provides requirements on:

- (a) Establishing and maintaining the variety, provenance (origin and selection history), and health of grapevine propagation material.
- (b) Classification of material according to fitness for the purpose of propagation, and/or vineyard establishment.
- (c) Documentation, including traceability, classification and labelling of propagation material.

NOTE: Additional information on best practice indicators and methods are given in Appendices.

1.2 APPLICATION

This Standard applies to all grapevine propagation material traded in Australia, whether or not that material is intended to produce fruit used in wine production, and whether or not it is intended as just a rootstock or a scion alone.

It is suitable for use by practitioners in the import of grapevine material; local/domestic sourcing of grapevine planting material; its subsequent distribution; propagation via nurseries or growers; subsequent planting, growing and harvest of grapes and their representation in trade.

This Standard is also suitable for use under a third-party accreditation program. However, certification is not a requirement of the Standard, and the Standard may equally well be applied on a self-assessment basis within a user organisation.

1.3 REFERENCED DOCUMENTS

Documents referred to in this Standard are listed in Appendix A.

1.4 DEFINITIONS

1.4.1 Clone

The vegetative propagules of a single vine that has been selected with specific performance characteristics.

1.4.2 Collection

A planting of reference vines that is maintained under a standard protocol to protect it from disease and pest incursions, isolated from other vineyards and with restricted access.

1.4.3 Established disease

A disease which may be native or endemic to Australia. Usually these diseases are native to Australia. However, some exotic diseases, e.g. Leafroll 1 and Leafroll 3 have become established in Australia and may no longer be considered as exotic.