

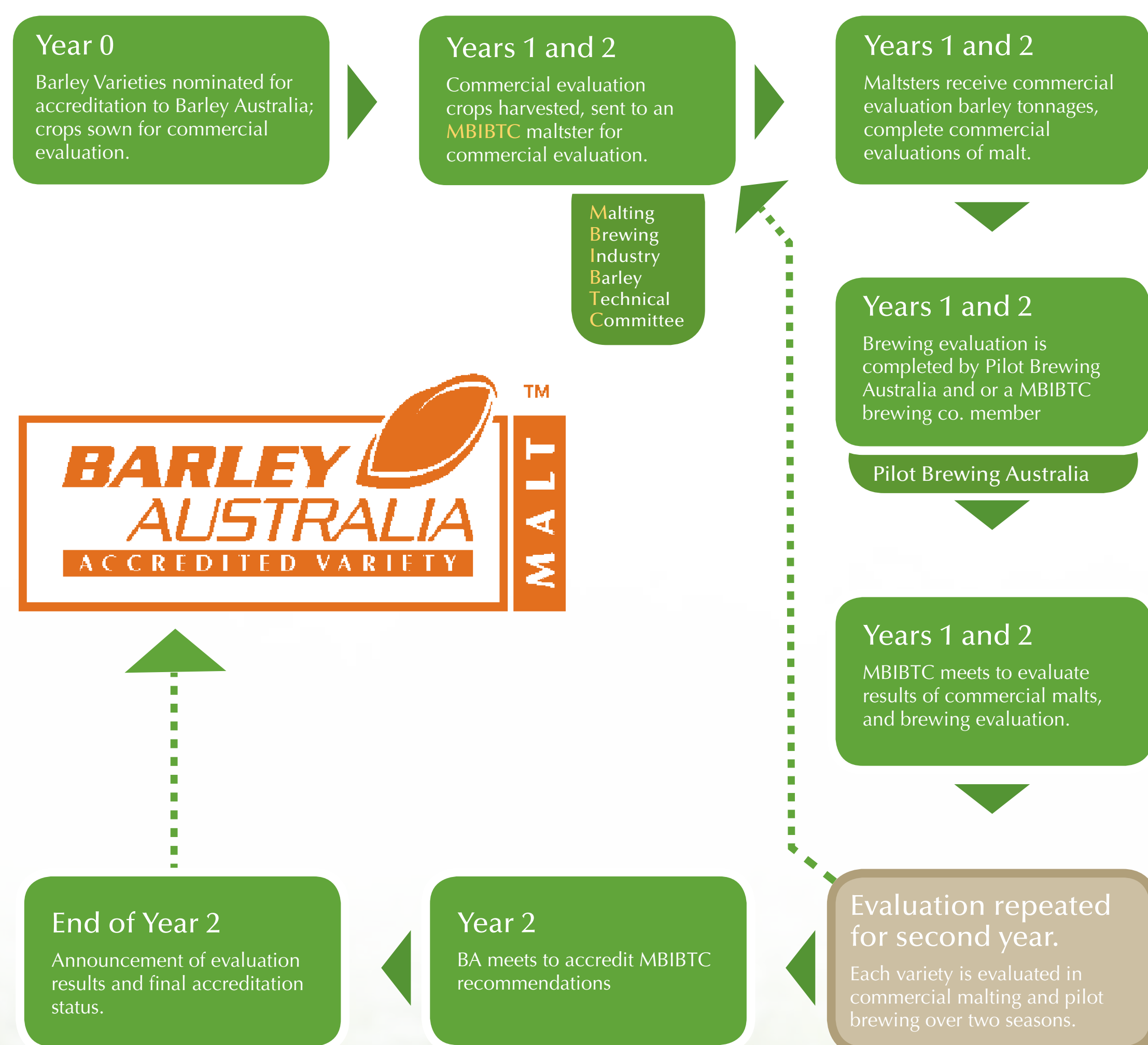


# Varietal Accreditation of Malting Barley

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Barley Australia (BA) is an independent industry owned and non profit organisation, established to co-ordinate and promote the interests of the Australian Barley Industry, to take a lead role in the accreditation and ranking of malting barley varieties grown in Australia, to increase the recognition of Australian barley through the introduction and promotion of trade marking, to facilitate industry communication, and to facilitate and co-ordinate joint industry Research and Development activities of benefit to the industry.

A key function of the organisation is to provide national accreditation of malting barley varieties in Australia in conjunction with the Malting and Brewing Industry Barley Technical Committee (MBIBTC). Accreditation describes the suitability of new varieties for malting and brewing, in both the sugar and starch adjunct markets. BA is the body responsible for co-ordination of the accreditation process, and the MBIBTC is the group of technical malting and brewing experts from Australia's malting and brewing companies, responsible for the assessment of these new varieties.



## Breeding Superior Malting Barley Varieties

Barley breeders conduct testing on their most promising lines for yield, disease resistance and other agronomic characters through Australia's National Variety Trials (NVT) program. Varieties are also subjected to micro malting testing to determine whether the lines are suitable for the malting industry.

Varieties which pass the Barley Australia selection criteria for malting are then submitted for two year commercial scale testing through the Malting and Brewing Industry Barley Technical Committee (MBIBTC) and Pilot Brewing Australia (PBA). To enable entry into the selection program, varieties must satisfy specific EBC Analysis targets for both starch and sugar adjunct brewing for moisture, extract, colour, total protein, viscosity, KI, Diastase, AAL, Odour, FAN, Friability and Beta Glucan (Wort).

A new variety will only be considered if it is of better quality (agronomic and/or malting) than the variety it is to replace or has some quality or agronomic characteristic that may be of benefit to the industry.



## Our Accreditation Process

Submissions are reviewed and if accepted, MBIBTC companies commercially malt the barley. The results of the commercial malt are reviewed, and a subsequent pilot brewing evaluation is then undertaken by Pilot Brewing Australia and/or a brewing company member.

The MBIBTC use a ratings system to evaluate new varieties, which is based on 6 parameters from which a quality index is calculated; Extract (%D.B.) Diastatic Power, (WK), Modification Kolbach Index (%), Viscosity, (cP), Apparent Attenuation Limit, (% dry basis) and Wort Beta Glucan, (mg/l).

This review process is repeated, and after two successful years the MBIBTC will recommend the variety to Barley Australia to make it nationally accredited as a malting variety.

## Accredited Varieties

Variety	Year Accredited	Production (Australian States)				
		VIC	NSW	SA	QLD	WA
Arapiles	1994	✓	✓	✓		
Baudin	2003	✓	✓	✓		✓
Buloke	2008	✓	✓	✓		✓
Commander	2009	✓	✓	✓	✓	
Dhow	2002	✓		✓		
Fitzroy	2005		✓		✓	
Flagship	2006	✓	✓	✓		✓
Gairdner	1998	✓	✓	✓	✓	✓
Grimmett	1982		✓		✓	
Hamelin	2004					✓
Schooner	1983	✓	✓	✓		
Sloop	1998	✓	✓	✓		
Stirling	1982					✓
Tallon	1982				✓	
Vlamingh	2006					✓

The varieties listed in this table are accredited malting barley varieties. These varieties may or may not be in demand by purchasers of malting barley either domestically or internationally. Australian barley growers are requested to consult the Barley Australia Preferred Varieties List to see varieties that are currently preferred by purchasers of Australian malting barley. Australian barley growers are also requested to contact their local consultants regarding information on varietal suitability to specific production regions.

## Preferred Varieties

Variety	Year Accredited	Market Demand		Production (Australian States)				
		Export	Domestic	VIC	NSW	SA	QLD	WA
		Brewing	Brewing					
Baudin	2003	High	Stable/Limited	✓	✓	✓		✓
Buloke	2008	Increasing	Limited	✓	✓	✓		✓
Commander	2009	Developing/Limited	Developing/Limited	✓	✓	✓	✓	
Fitzroy	2005	N/A	Increasing		✓		✓	
Flagship	2006	Increasing	Limited	✓	✓	✓		✓
Gairdner	1998	Stable	Stable	✓	✓	✓	✓	✓
Grimmett	1982	N/A	Decreasing		✓		✓	
Hamelin	2004	Developing	Limited					✓
Schooner	1983	Decreasing	Stable		✓	✓		✓
Sloop	1998	Stable	Decreasing	✓				
Stirling	1982	Decreasing	Limited					✓
Vlamingh	2006	Increasing	N/A					✓

The Barley Australia Preferred List is updated annually in the Australian spring. Barley varieties on the Preferred List are those malting varieties which are sought after by purchasers of Australian malting barley who are members of Barley Australia. Growers of malting barley should contact their marketers of choice, storage company and consultant agronomists prior to making any varietal sowing decisions.

## Accredited Malting Barley Varieties 2010 Accreditation Benefits

Barley Australia's list of accredited varieties is updated annually in spring. The organisation also publishes "preferred" varieties on its website which show those varieties sought after by purchasers of Australian Malting Barley who are members of Barley Australia.

Whilst accreditation is the Australian industry determination that a variety is suitable for malting and brewing, it does not evaluate the agronomical requirements of a variety or its adaptation to different ecological zones.

Accreditation does not guarantee the commercial success of a variety or that a suitable segregation will be available. Decisions to purchase an accredited variety are made by the individual marketers and maltsters.

Accreditation of new varieties provides a proven performance record of industry recognised trials for malting and brewing. The Barley Australia logo symbolises that Australia's maltsters and brewers have endorsed the suitability of a variety for malting and brewing.

The accreditation system is on par with systems utilised in Europe and Canada, and therefore allows Australian barley to be compared on an equal footing with its competitors. Buyers of Australian malting barley can be assured therefore that they are buying a superior product which has been rigorously tested.

The list of Barley Australia accredited varieties is located at [www.barleyaustralia.com.au/accreditedvarieties](http://www.barleyaustralia.com.au/accreditedvarieties).

### Barley Australia Disclaimer

Barley Australia is a not-for-profit independent organisation representing members of Australia's malting and brewing industry. Barley Australia accreditation is awarded to a variety of barley that has been accredited as a malting barley. The accreditation reflects an industry evaluated end use for the variety of barley, but is in no way intended to limit the use of the variety of barley to only that use, nor preclude non-accredited varieties of barley from being used for malting or brewing purposes. The Barley Australia Accredited Variety logo may only be used where a variety of barley has been accredited and in accordance with the Terms and conditions set out in the Varietal Accreditation of Malting Barley Guidelines for Barley Breeders (as revised from time to time). The Barley Australia Accredited Variety logo and any associated logos, trademarks and titles remain the intellectual property of Barley Australia.