

Barrett Burston

PRODUCT CATALOGUE









THE MALTING PROCESS



Steeping

The purpose of the steeping is to increase the moisture in the grain so that germination can be initiated. The steeping process can take up to 2 days and consists of the grain being immersed in aerated & attemperated water.

The water is then drained off and the grain rests whilst air is drawn through and the carbon dioxide is removed. The goal is evenly hydrated, germinating grains.



Germination

After steeping, the grain is transferred and distributed evenly throughout a germination vessel. During the germination process, the grain is grown under carefully controlled conditions, in which the moisture, temperature, and airflow parameters are carefully manipulated. The germinating barley is also periodically "turned" or mixed to promote a homogeneous product.

It is during this stage where barley is 'modified' and converted into 'green malt' ready for kilning. The germination phase can take up to 4-5 days, depending on the product being made.

Kilning

Kilning involves the use of heated air to dry the grain in order to produce a stable product that can be easily stored and milled. Large volumes of hot air are blown through the evenly loaded grain bed.

By varying air flows and kiln temperatures, the maltster can control the desired flavour and colour profiles of the malt. Depending on the type of malt being produced, kilning can take up to 24 hours.



Roasting

Roasting takes place in a roasting drum which can hold a batch size of 2.8 to 3.6 tonnes. The average roasting time is 2 – 3 hours with an air temperature of up to 250°C, dependent on the product being made.

The roasted product is then transferred to the cooler where its temperature is reduced to fix the colour and flavour compounds. The malt is analysed before storage and thereafter awaits dispatch to our customers



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OUR LOCATIONS

Perth

Our Perth Maltings is situated approximately 13km southeast of the Perth CBD. The maltings has an annual production capacity of 50,000 tonnes & on-site malt storage of 12,000 tonnes.

Pinkenba

Our Pinkenba Maltings is situated 12km from Brisbane CBD. The maltings has a batch size of 360 tonnes & on-site malt storage of 5000 tonnes.

Geelong

Our Geelong Maltings is situated 70km southwest of Melbourne. The maltings has an annual production of 100,000 tonnes of malt & on-site malt storage of 6000 tonnes.

OUR GLOBAL NETWORK



ENVIRONMENT, HEALTH & SAFETY

At Barrett Burston Malting we pride ourselves on having a strong safety culture where no job is considered so important that it cannot be done safely.

The health, safety and welfare of our employees, contractors, visitors, and customers is paramount, and no aspect of the business can undermine this ethos.

We are committed to providing and maintaining a safe and healthy working environment for all employees, contractors and visitors and customers to minimise the effects our business has on the environment.

FOOD SAFETY & QUALITY

Barrett Burston Malting is committed to providing Quality and Food Safe products to our customers. All our sites have HACCP certifications.

Compliance & Regulation:

- •Our products and packaging comply with the Food Standards code (FSANZ) and other applicable EU regulations.
- •Due diligence testing is carried out to ensure NDMA, mycotoxins, agrichemicals are within acceptable levels.
- •Our products are free from Genetically Modified raw materials

Allergen & Consumption Information:

- •Malt products contain gluten which can cause an adverse reaction for people with gluten intolerance.
- •Malt is a product intended to undergo further processing. It is not intended to be consumed as is.

Storage & Shelf Life:

Malt can be stored for long periods but best used within 12 months of delivery. Products should be stored in cool, dry and clean conditions in an environment free from pests and weather.





Pale Malt



ale Malt is a quintessential Australian malt which can be used in any beer

uced using Australian 2-row barley, it will impart a light, golden colour to your s. It's clean with a light malty flavour.

TYPICAL ANALYSIS

ESTED USE All Beer Types

DUR PROFILE Malty & Sweet (with gentle notes

ıey).

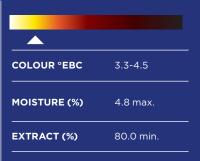
ISION RATE Up to 100%

UR PROFILE Golden colour

.ABLE 25kg Bags, Bulk Bags, Bulk Silo AGING

r Pale Malt at:

W.CRYERMALT.COM/CONTACT/





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Our Ale Malt is the perfect base malt made from 2-row Australian barley.

Slightly higher kiln curing temperature means it has an enhanced malty character, ideal for fuller flavoured and/or hoppier beer styles.

DETAILS	TYPICAL ANALYSIS	

SUGGESTED USE All Beer Types

FLAVOUR PROFILE Malty & Sweet (with gentle notes of honey).

COLOUR PROFILE Golden colour

INCLUSION RATE Up to 100%

AVAILABLE 25kg Bags, Bulk Bags, Bulk Silo **PACKAGING**

Order Ale Malt at: WWW.CRYERMALT.COM/CONTACT/





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Distilling Malt



istilling Malt is a specialist distilling malt that is produced from specialty ed varieties that will provide distillers maximum spirit yield (or a high spirit as well as enough enzymatic reaction to convert any source of starch to the

ILS **TYPICAL ANALYSIS**

ESTED USE Grain Distilled Spirit Production

DUR PROFILE Not typically used for flavour

UR PROFILE Golden colour

ISION RATE Up to 100%

ABLE 25kg Bags, Bulk Bags, Bulk Silo

AGING

PREDICTED SPIRIT YIELD 395 L/t

DIASTATIC POWER (°WK) 250 min.

COLOUR °EBC 4.5 max.

MOISTURE (%) 5.0 max.

EXTRACT (%) 80.0 min.

Distilling Malt at:

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Premium Australian barley malted in Queensland for use in the Border Region.

"We take huge pride in ensuring we are growing a high-quality product and by working with Barrett Burston Malting we have been rewarded for doing so. It is very satisfying knowing the end result of what we grow..."

-Nathan Ebbett, Head of Farm Services & Innovation at Pure Grain located at Moree, NSW



DETAILS



3.3-4.5

4.8 max.

80.0 min.

SWEET

Border Pale Malt

Produced using premium Australian 2-Row barley, Border Pale Malt is exclusively malted at our Pinkenba malthouse with the intention to supply the local craft breweries and distilleries with locally produced malt.

Border Pale Malt is a quintessential Australian base malt which can be used in any beer style. It will impart a light, golden colour to your brews. It's clean with a light malty flavour.

SUGGESTED USE	All Beer Types
FLAVOUR PROFILE	Malty & Sweet (with gentle notes

COLOUR PROFILE	Golden colour

AVAILABLE 25kg Bags, Bulk Bags, Bulk Silo **PACKAGING**

*Only Available Ex. Queensland

INCLUSION RATE Up to 100%

Order Border Pale Malt at: WWW.CRYERMALT.COM/CONTACT/

TYPICAL ANALYSIS

COLOUR °EBC

MOISTURE (%)

EXTRACT (%)

COFFEE

CHOCOLATE





Border Ale Malt

uced using premium Australian barley, our Border Ale Malt is exclusively d at our Pinkenba malthouse with the intention to supply the local craft eries and distilleries with a locally produced malt.

tly higher kiln curing temperature means that Border Ale has an enhanced character, ideal for fuller flavoured and/or hoppier beer styles.

TYPICAL ANALYSIS

ESTED USE All Beer Types

DUR PROFILE Malty & Sweet (with gentle notes

UR PROFILE Golden colour

ISION RATE Up to 100%

ABLE 25kg Bags, Bulk Bags, Bulk Silo AGING

vailable Ex. Queensland

Border Ale Malt at:

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Premium Australian barley malted in Geelong for use in Victoria.

"Barrett Burston Malting are one of the great companies that we deal with. They have a high appreciation of the work that the grower puts in to deliver high quality barley... It is always good to know that the grain we produce is being consumed locally."

- Colin Richmond, Grower and Managing Director of Rose Grange Pastoral Co. located at Little River, VIC





VIC Pale

uced using premium Australian barley, VIC Pale is exclusively malted at our ong malthouse with the intention to supply Victorian craft breweries and eries with a locally produced malt.

IC Pale Malt is a quintessential Australian malt which can be used in any beer Produced using Australian 2-row barley, it will impart a light, golden colour to brews. It's clean with a light malty flavour.

ILS		TYPICAL ANALYSIS
ESTED USE	All Beer Types	

OUR PROFILE Malty & Sweet (with gentle notes ey).

UR PROFILE Golden colour

JSION RATE Up to 100%

.ABLE 25kg Bags, Bulk Bags, Bulk Silo AGING

Avallable Ex. Victoria

r VIC Pale at: W.CRYERMALT.COM/CONTACT/



3.3 - 4.5

4.8 max.

COLOUR °EBC

MOISTURE (%)

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Produced using premium Australian barley, VIC Ale is exclusively malted at our Geelong malthouse with the intention to supply Victorian craft breweries and distilleries with a locally produced malt.

Slightly higher kiln curing temperature means that VIC Ale has an enhanced malty character, ideal for fuller flavoured and/or hoppier beer styles.

DETAILS	
SUGGESTED USE	All Beer Types
FLAVOUR PROFILE of honey).	Malty & Sweet (with gentle notes
COLOUR PROFILE	Golden colour
INCLUSION RATE	Up to 100%
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo

Order VIC Ale at:

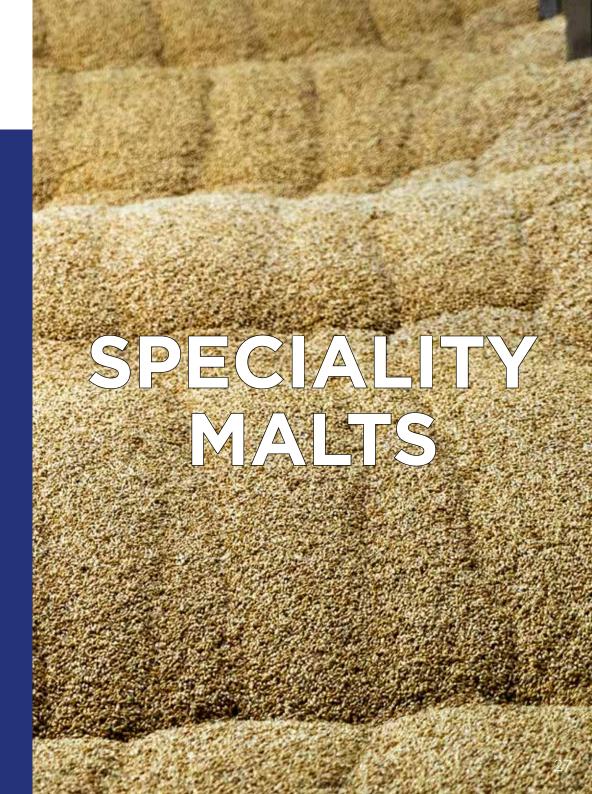
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When used at a low percentage of the malt grist, our Wheat Malt is great for increased body, mouth feel and head retention.

It can also be used as a base malt, imparting clean, wheaty flavours for classic wheat beer styles.

DETAILS TYPICAL ANALYSIS		IS	
SUGGESTED USE Weisse	Hefeweizen, Kolsch, Gose, Berliner	<u> </u>	
FLAVOUR PROFILE	Clean, wheat flavour	COLOUR °EBC	5.5 max.
COLOUR PROFILE	Golden colour	MOISTURE (%)	5.5 max.
INCLUSION RATE	Up to 100%	EXTRACT (%)	82.0 min
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo		

Order Wheat Malt at:

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Munich Malt



Munich Malt is kilned longer and at higher temperatures than Ale Malt. During the malting process, the green malt is "stewed" in the early stages of kilning to aid colour development.

Munich is slightly darker than Vienna Malt which is made in a similar way. It's possible to use as a base malt, offering biscuity almost nutty flavours, but also great for adding malt depth without having overpowering sweetness.

DETAILS TYPICAL ANALYSIS

Pale Ale, IPA, Amber Ale, Bock
Biscuit & Nutty
Light gold to orange
Up to 100%
25kg Bags, Bulk Bags, Bulk Silo

_	
COLOUR °EBC	15-20
MOISTURE (%)	N/A
EXTRACT (%)	N/A



Order Munich Malt at:

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DETAILS

Amber Malt



Our Amber Malt is manufactured by roasting kilned malt which leads to a drier finish on the product. Amber tends to impart a light, biscuity, dry flavour and dark reddish to brown hues.

Amber can be used to produce Bitter and Mild Ales and sweet Stouts, as well as the traditional London Porters.

SUGGESTED USE	Extra Special Bitters, Mild Ale &	
Coord of Charles		

FLAVOUR PROFILE Dry, Biscuit

COLOUR PROFILE Dark Red to Brown

INCLUSION RATE Up to 20%

AVAILABLE 25kg Bags, Bulk Bags, Bulk Silo **PACKAGING**

	_
COLOUR °EBC	50-80
MOISTURE (%)	N/A
EXTRACT (%)	N/A

TYPICAL ANALYSIS

Order Amber Malt at:

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Medium Crystal Malt

Our Crystal Malts impart a more intense sweet caramel flavour than your lighter Caramalt(s), verging on notes of raisin and honey.

It's great for small additions in lighter beer styles for extra body, as well as a core component for darker beers, and layering for stouts and porter styles.

DETAILS	TYPICAL ANALYSIS		
SUGGESTED USE	Pale Ale, Dark Ale, Dark Lager, Porter		_
FLAVOUR PROFILE	Sweet caramel with notes of raisin and honey	COLOUR °EBC	1 50-180
COLOUR PROFILE	A dark caramel colour	MOISTURE (%)	N/A
INCLUSION RATE	Up to 10%	EXTRACT (%)	N/A
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo		

Order Medium Crystal Malt at:

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Dark Crystal Malt



Our Dark Crystal Malt offers an intense toffee & caramel flavour with more contribution than the lighter Crystal malts, verging on notes of raisin/sultana character.

Dark Crystal is great for building dark beers such as Stouts, Imperial Stouts and Porter styles.

DETAILS		TYPICAL ANALYS	S
SUGGESTED USE	Dark Ale, Dark Lager, Porter, Stout		
FLAVOUR PROFILE	Toffee, Caramel	COLOUR °EBC	180-240
COLOUR PROFILE	A dark red-brown colour	MOISTURE (%)	4.5 max.
INCLUSION RATE	Up to 10%	EXTRACT (%)	 N/A
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo		

Order Dark Crystal Malt at:

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Extra Dark Crystal

Our Dark Crystal Malt offers an intense toffee & caramel flavour with more contribution than the lighter Crystal malts, verging on notes of raisin/sultana character.

Dark Crystal is great for building dark beers such as Stouts, Imperial Stouts and Porter styles.

DETAILS		TYPICAL ANALYSIS	S
SUGGESTED USE	Dark Ale, Dark Lager, Porter, Stout	_	
FLAVOUR PROFILE	Toffee, Caramel	COLOUR °EBC	250-280
COLOUR PROFILE	A dark red-brown colour	MOISTURE (%)	4.5 max.
INCLUSION RATE	Up to 5%	EXTRACT (%)	N/A
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo		

Order Extra Dark Crystal at:

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Roasted Malt

Also known as Porter and Chocolate Malt, our Roasted Malt is roasted to higher temperatures in production and has a rich chocolate and coffee flavour and aroma with a light astringency.

Our team carefully control the flavour by harnessing the pyrazines and pyrroles generated in the process of roasting.

DETAILS		TYPICAL ANALYSIS	
SUGGESTED USE	Porters & Stouts		
FLAVOUR PROFILE	Chocolate & Coffee	COLOUR °EBC	850-1150
COLOUR PROFILE	Dark Brown	MOISTURE (%)	N/A
INCLUSION RATE	Up to 5%	EXTRACT (%)	 N/A
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo		

Order Roasted Malt at:

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Dark Roasted Malt

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r team carefully control the flavour by harnessing the pyrazines and pyrroles generated in process of roasting.

TAILS		TYPICAL ANALYS	SIS
GGESTED USE	Porters & Stouts		
AVOUR PROFILE	Chocolate & Coffee	COLOUR °EBC	1200-1400
LOUR PROFILE	Dark Brown	MOISTURE (%)	N/A
LUSION RATE	Up to 5%	EXTRACT (%)	 N/A
AILABLE	25kg Bags, Bulk Bags, Bulk Silo		

der Dark Roasted Malt at:

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Roasted Barley

Made from unmalted barley, our Roasted Barley is produced using a slow roasting profile followed by a very high finish, which creates a dry bitter character.

Used in small quantities it can impart a reddish hue to ales, and in larger quantities for deeper dark black to stouts and porters with a lingering coffee character.

DETAILS	
SUGGESTED USE	Porters & Stouts
FLAVOUR PROFILE	Coffee
COLOUR PROFILE	Dark Brown
INCLUSION RATE	Up to 5%
AVAILABLE PACKAGING	25kg Bags, Bulk Bags, Bulk Silo

COLOUR °EBC	750-1000
MOISTURE (%)	N/A
EXTRACT (%)	N/A

TYPICAL ANALYSIS



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We supply our malt to Australasian brewers and distillers through our distribution partners, Cryer Malt. Cryer Malt was founded by David Cryer in 1991 to meet the growing demands for malt by the emerging craft beer industry in Australia & New Zealand.

With warehouses located across Australia, Cryer Malt supplies Barrett Burston Malt and an extensive range of internationally-sourced brewing ingredients to the





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Our Website









Barrett Burston

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