



Belgian Malts that Make Your Beer So Special

Belgian Red Pure Malt Beer



ABC 6.5%	Color 42 EBC	Bitterness 25 IBU
----------	--------------	-------------------

Description:

Beer with a sweet and lightly hopped tea-like flavor. Well-rounded and balanced flavors and a pleasant malt character with a slightly dry finish.

Service:

Glass: Stemmed Goblet glass
Temperature: 4-8°C

BREWER'S TIP

You can add 1-2% of Chateau Black malt to give a nice touch of a roast character.

This recipe is provided by Castle Malting®. Please note that this recipe is just a guideline. Some modification might need to be done to meet different technologies, efficiencies and ingredients yield as grain dry extract and hop alpha acid percentage.

For further information & service please contact:
info@castlemalting.com

Brewing is an experiment! Brew your own beer!
Send us your recipe, and we'll be pleased to publish it on our website

Beer recipe

RECIPE FOR 100L

MALT

Château Pilsen 2RS	60% / 13.5 kg
Château Melano	25% / 5.5 kg
Château Munich	10% / 2.2 kg
Château Cara Gold®	5% / 1.2 kg

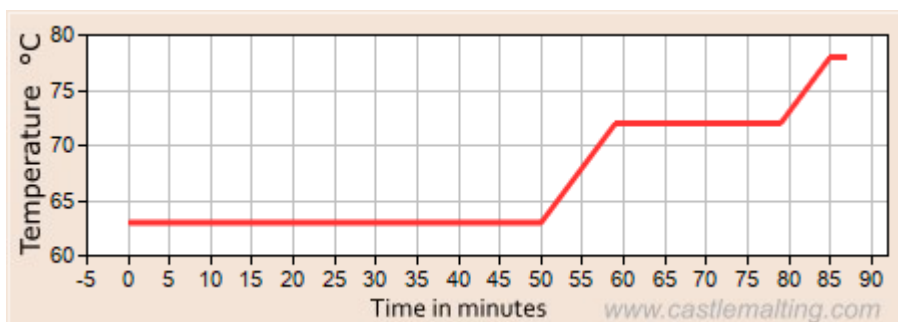
HOPS

Hallertauer Mittelfruh (4.5% aa)	20 IBU / 170 g
Saaz (3.5% aa)	2.5 IBU / 120 g
Mandarina Bavaria (9.5% aa)	2.5 IBU / 50 g

YEAST

SafAle US-05	80 g
--------------	------

Mashing Temperature



Step 1: Mashing

Mash-in and follow the profile below:

pH	5.3	Mix Ratio	2.7 L/kg
----	-----	-----------	----------

Mash-in at 63°C
Rest for 50min at 63°C
Rise to 72°C at 1°C/min
Rest for 20min at 72°C and do the **Iodine Test**
Rise to 78°C at 1°C/min
Rest for 2min at 78°C to **mash out**

Once the mash is done, filter and sparge with water at 78°C

Step 2: Boiling

Boil for 60min.
Hop addition 1: After 10min add Hallertau Mittelfruh.
Hop Addition 2: After 50min add Saaz.
Hop Addition 3: After 55min add Mandarin Bavaria.
Whirlpool to remove the trub

Total evap	6.0%	Batch size	100L	OG	14.5°P	Efficiency	85%
------------	------	------------	------	----	--------	------------	-----

Step 3: Fermentation and Maturation

Cool down the wort to 18°C and pitch the yeast.
Ferment at 18°C for 2 days then rise to 22°C. Once the fermentation is done (FG reached and off-flavors removed – about 7 days), drop the temperature to 8°C and rest for 1 day, and then harvest the yeast. Drop the temperature to 2°C and rest for 7 days.

Attenuation	82%	FG	2.65°P
-------------	-----	----	--------

Step 4: Cold Aging and Packaging

Cold age the beer at -1°C for 5 days, remove the residual yeast, and

carbonate until **2.6 volumes of CO₂**. The beer is ready to package and drink. Enjoy!

*For refermentation in the bottle, add brewing sugar and SafAle F-2.

La Malterie du Château SA (Castle Malting); Malting Plant: Rue de Mons (Bel) 94, 7970 Beloeil, Belgium
Distribution Center: Rue de l'Orbette 1, 7011 Ghlin (Mons), Belgium; Headquarters: Rue de Mons (Bel) 94, 7970 Beloeil, Belgium;
Tel.: +32 87 662095; info@castlemalting.com; www.castlemalting.com; Registered Tournai 79754; VAT: BE0455013439
CBC Banque SA - Avenue Albert 1er 60 - 5000 Namur Account : 193-1242112-48 IBAN : BE11 1931 2421 1248 BIC : CREGBEBB