



# Belgian Malts that Make Your Beer So Special

## Belgian Christmas Beer



## Beer recipe

### RECIPE FOR 100L

#### MALT

Château Pilsen 2RS	56% // 16.4 kg
Château Munich	20% // 5.8 kg
Château Crystal®	12% // 3.5 kg
Château Cafe Light®	12% // 3.5 kg

#### HOPS

Admiral (14.5% aa)	22.4 IBU // 55 g
Brewers Gold (6.0% aa)	2.8 IBU // 80 g
Perle (8.0% aa)	2.8 IBU // 60 g

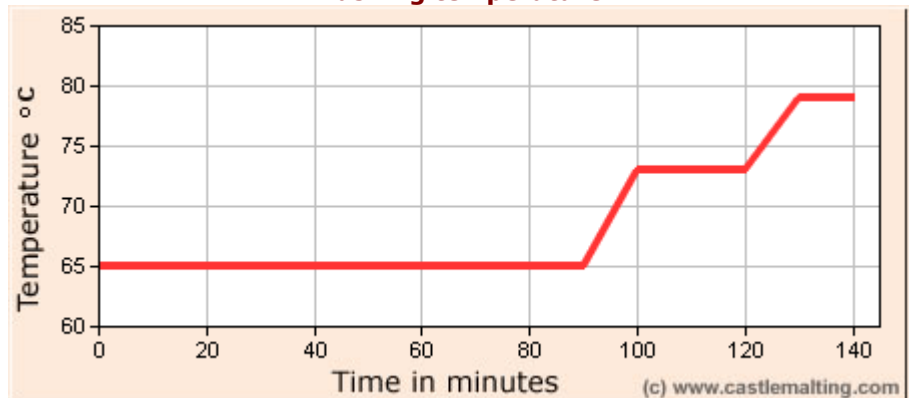
#### YEAST

SafAle T-58	80 g
-------------	------

#### SUGAR

Dark Candy Sugar	500 g
------------------	-------

### Mashing temperature



### Step 1: Mashing

Mash-in and follow the profile below:

pH	5.3	Mix Ratio	2.5 L/kg
----	-----	-----------	----------

- Mash-in at 63°C
- Rest for 60min at 63°C
- Rise to 68°C at 1°C/min
- Rest for 15min at 68°C
- Rise to 72°C at 1°C/min
- Rest for 15min 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 90min.
- Hop addition 1: After 30min add Admiral.
- Hop addition 2: After 80min add Brewers Gold and Perle.
- Sugar addition: After 75min add Dark Candy Sugar.
- Whirlpool to remove the trub

Total evap	9.0%	Batch size	100L	OG	18.5°P	Efficiency	80%
------------	------	------------	------	----	--------	------------	-----

**Step 3: Fermentation and Maturation** Cool down the wort to 16°C and pitch the yeast. Ferment at 16°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

ABV	8.5%	Color	75 EBC	Bitterness	28 IBU
-----	------	-------	--------	------------	--------

### Description

Belgian Christmas Beer with a rich creamy head, slightly spicy flavor, and a pleasant aroma.

### Service:

Glass: Tall Glass  
Temperature: 4-8 °C

### BREWER'S TIPS

For refermentation in the bottle, use the same yeast SafAle T-58.

the yeast. Drop the temperature to 2°C and rest for 7 days.

Attenuation	80%	FG	3.60°P
-------------	-----	----	--------

#### Step 4: Cold Aging and Packaging

Cold age the beer at -1°C for 5 days, remove the residual yeast, and carbonate until **2.7 volumes of CO<sub>2</sub>**. The beer is ready to package and drink. Enjoy!

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

This recipe is provided by Castle Malting®. Please note that this recipe is just a guideline allowing you to add a personal touch to your beer. Please note that some modifications may be required to meet the specific technological conditions of the brewery defined by equipment, water etc.

For further information & service please contact: [info@castlemalting.com](mailto: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

---

Headquarters: Chemin du Couloury 1, 4800 Lambermont, Belgium

Malting Plant: Rue de Mons 94, 7970 Beloeil, Belgium

Tel.: + 32 (0) 87 662095; Fax: +32 (0) 87 352234; [info@castlemalting.com](mailto:info@castlemalting.com); [www.castlemalting.com](http://www.castlemalting.com)

Registered Tournai 79754; VAT: BE.455013439; IBAN: BE11 3700 9054 5648; BIC. BBRUBEBB