

## English BW

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- Gravity **23.3 BLG**
- ABV **10.7 %**
- IBU **56**
- SRM **18.5**
- Style **English Barleywine**

### Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **10 %**
- Size with trub loss **18 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **23.4 liter(s)**

### Mash information

- Mash efficiency **50 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **36 liter(s)**
- Total mash volume **48 liter(s)**

### Steps

- Temp **66 C**, Time **90 min**

### Mash step by step

- Heat up **36 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **90 min** at **66C**
- Sparge using **-0.6 liter(s)** of **76C** water or to achieve **23.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Maris Otter Crisp	11 kg (91.7%)	83 %	6
Grain	Fawcett - Crystal	1 kg (8.3%)	70 %	160

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	60 g	60 min	11 %
Aroma (end of boil)	Fuggles	25 g	0 min	4.5 %
Aroma (end of boil)	East Kent Goldings	25 g	0 min	5.1 %
Dry Hop	Fuggles	25 g	2 day(s)	4.5 %
Dry Hop	East Kent Goldings	25 g	2 day(s)	5.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - Scottish Ale	Ale	Liquid	200 ml	Wyeast Labs