

God save the King

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **28**
- SRM **12.9**
- Style **Extra Special/Strong Bitter (English Pale Ale)**

Batch size

- Expected quantity of finished beer **50 liter(s)**
- Trub loss **5 %**
- Size with trub loss **52.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **63.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **33.8 liter(s)**
- Total mash volume **47.3 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **33.8 liter(s)** of strike water to **76.4C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **20 min** at **72C**
- Sparge using **43 liter(s)** of **76C** water or to achieve **63.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Maris Otter Crisp	5 kg (37%)	83 %	6
Grain	Viking Golden ale	5 kg (37%)	80 %	12
Grain	Karmelowy Czerwony	1.5 kg (11.1%)	75 %	59
Grain	Caramel/Crystal Malt	1 kg (7.4%)	75 %	160
Grain	Viking melanoidynowy	1 kg (7.4%)	75 %	70

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	20 g	60 min	7.9 %
Boil	East Kent Goldings	50 g	30 min	6.3 %
Boil	East Kent Goldings	50 g	10 min	4.6 %
Boil	Enigma (AUS)	50 g	5 min	18.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale T-58	Ale	Dry	23 g	Fermentis

Notes

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

- Brzeczka 11.05
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