

America plis

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **45**
- SRM **3.8**
- Style **Bohemian Pilsener**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **64 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12 liter(s)**
- Total mash volume **16 liter(s)**

Steps

- Temp **51 C**, Time **5 min**
- Temp **66 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **12 liter(s)** of strike water to **56.2C**
- Add grains
- Keep mash **5 min** at **51C**
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **76C**
- Sparge using **11 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (75%)	80 %	4
Grain	Pszeniczny	1 kg (25%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Zythos	10 g	60 min	11 %
Aroma (end of boil)	Eureka!	20 g	10 min	18 %
Aroma (end of boil)	Zythos	15 g	10 min	11 %
Dry Hop	Eureka!	30 g	5 day(s)	18 %
Dry Hop	Zythos	25 g	5 day(s)	11 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager W 34/70	Lager	Dry	11 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
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Fining	mech irlandzki	12 g	Boil	10 min
Other	dodatek do piany	10 g	Primary	6 day(s)