

Double Hop

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **35**
- SRM **6**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

Steps

- Temp **65 C**, Time **20 min**
- Temp **72 C**, Time **60 min**
- Temp **76 C**, Time **0 min**

Mash step by step

- Heat up **21 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **20 min** at **65C**
- Keep mash **60 min** at **72C**
- Keep mash **0 min** at **76C**
- Sparge using **19 liter(s)** of **76C** water or to achieve **33 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	1.5 kg (21.4%)	81 %	4
Grain	Viking Pale Ale malt	4 kg (57.1%)	80 %	5
Grain	Weyermann - Carared	0.5 kg (7.1%)	75 %	45
Grain	Carahell	0.5 kg (7.1%)	77 %	26
Grain	Płatki owsiane	0.5 kg (7.1%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	60 min	11 %
Boil	Cascade	30 g	20 min	6 %
Dry Hop	Cascade	30 g	7 day(s)	6 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mauribrew Weiss Y1433	Wheat	Dry	12.5 g	Mauribrew

Extras

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

Type	Name	Amount	Use for	Time
Other	trawa cytrynowa	20 g	Boil	50 min
Flavor	skórka cytryny	20 g	Boil	30 min