

# Wielbłąd

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **14**
- SRM **4.4**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.6 liter(s)**
- Boil time **80 min**
- Evaporation rate **10 %/h**
- Boil size **25.6 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

## Steps

- Temp **45 C**, Time **20 min**
- Temp **63 C**, Time **30 min**
- Temp **73 C**, Time **40 min**

## Mash step by step

- Heat up **15 liter(s)** of strike water to **49.2C**
- Add grains
- Keep mash **20 min** at **45C**
- Keep mash **30 min** at **63C**
- Keep mash **40 min** at **73C**
- Sparge using **15.6 liter(s)** of **76C** water or to achieve **25.6 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Wheat Malt	3 kg (60%)	83 %	5
Grain	Viking Pilsner malt	1.8 kg (36%)	82 %	4
Grain	Carahell	0.2 kg (4%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	25 g	80 min	4 %
Boil	Lublin (Lubelski)	10 g	10 min	4 %
Aroma (end of boil)	Lublin (Lubelski)	5 g	5 min	4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	11.5 g	Safbrew