

Ranczo Bolesławiec

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **14**
- SRM **3.8**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **35.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

Steps

- Temp **46 C**, Time **10 min**
- Temp **51 C**, Time **15 min**
- Temp **54 C**, Time **10 min**
- Temp **63 C**, Time **20 min**
- Temp **68 C**, Time **30 min**
- Temp **76 C**, Time **15 min**

Mash step by step

- Heat up **18 liter(s)** of strike water to **50.3C**
- Add grains
- Keep mash **10 min** at **46C**
- Keep mash **15 min** at **51C**
- Keep mash **10 min** at **54C**
- Keep mash **20 min** at **63C**
- Keep mash **30 min** at **68C**
- Keep mash **15 min** at **76C**
- Sparge using **23.8 liter(s)** of **76C** water or to achieve **35.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pszeniczny	3 kg (50%)	81 %	6
Grain	Strzegom Pilzneński	3 kg (50%)	80 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Tradition	16.88 g	60 min	5.4 %
Boil	Mosaic	16.88 g	10 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Mauribrew Weiss Y1433	Wheat	Dry	15 g	Mauribrew