

weizendu

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **13**
- SRM **12.9**
- Style **Dunkelweizen**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **75 min**
- Evaporation rate **20 %/h**
- Boil size **28.8 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **15.2 liter(s)**
- Total mash volume **19 liter(s)**

Steps

- Temp **46 C**, Time **10 min**
- Temp **53 C**, Time **15 min**
- Temp **63 C**, Time **35 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **15.2 liter(s)** of strike water to **49.3C**
- Add grains
- Keep mash **10 min** at **46C**
- Keep mash **15 min** at **53C**
- Keep mash **35 min** at **63C**
- Keep mash **15 min** at **72C**
- Sparge using **17.4 liter(s)** of **76C** water or to achieve **28.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	1.55 kg (40.8%)	85 %	4
Grain	Pilzniejszy	2 kg (52.6%)	81 %	4
Grain	Strzegom 600	0.25 kg (6.6%)	70 %	600

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Summit	6 g	30 min	17 %
Boil	Tradition	5 g	60 min	7.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
wb 06	Wheat	Slant	100 ml	---