

DunkelWeizen

- Gravity **12.1 BLG**
- ABV ---
- IBU **12**
- SRM **22.9**
- Style **Dunkelweizen**

Batch size

- Expected quantity of finished beer **40 liter(s)**
- Trub loss **5 %**
- Size with trub loss **42 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **50.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **30.8 liter(s)**
- Total mash volume **39.6 liter(s)**

Steps

- Temp **43 C**, Time **15 min**
- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **30.8 liter(s)** of strike water to **46.3C**
- Add grains
- Keep mash **15 min** at **43C**
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **28.6 liter(s)** of **76C** water or to achieve **50.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom pszeniczny	5 kg (56.8%)	81 %	6
Grain	Strzegom Monachijski typ I	3.4 kg (38.6%)	79 %	16
Grain	Fawcett - Pszeniczny Czekoladowy	0.2 kg (2.3%)	73 %	1001
Grain	Carafa	0.2 kg (2.3%)	70 %	800

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lomik	50 g	60 min	3.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew WB-06	Wheat	Dry	23 g	Safbrew