

## #4 Hefeweizen

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **20**
- SRM **3.9**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **19.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.5 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **25 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.4 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **19.4 liter(s)**

### Steps

- Temp **46 C**, Time **10 min**
- Temp **53 C**, Time **15 min**
- Temp **63 C**, Time **30 min**
- Temp **73 C**, Time **10 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **49.8C**
- Add grains
- Keep mash **10 min** at **46C**
- Keep mash **15 min** at **53C**
- Keep mash **30 min** at **63C**
- Keep mash **10 min** at **73C**
- Sparge using **14.4 liter(s)** of **76C** water or to achieve **25 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	1.8 kg (40.9%)	80 %	4
Grain	Strzegom Pszeniczny	2.6 kg (59.1%)	81 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Hallertau Spalt Select	10 g	60 min	3.4 %
Boil	Perle	10 g	60 min	7 %
Boil	Hallertau Spalt Select	10 g	20 min	3.4 %
Boil	Perle	10 g	20 min	7 %

### Yeasts

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