

## Hefe-Wezen 1.1

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- Gravity **11 BLG**
- ABV ---
- IBU **14**
- SRM **4.5**
- Style **Weizen/Weissbier**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

### Steps

- Temp **63 C**, Time **45 min**
- Temp **72 C**, Time **20 min**
- Temp **77 C**, Time **5 min**

### Mash step by step

- Heat up **15.8 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **45 min** at **63C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **77C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	1.35 kg (30%)	79 %	6
Grain	Strzegom Pszeniczny	3.15 kg (70%)	81 %	5

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	18 g	30 min	9.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Gozdawa Bavarian Wheat 11 (BW11)	Wheat	Slant	95 ml	---

### Notes

- Gęstwy powinno być 95 ml ale stosujemy underpitching. Należy jej dodać 72 ml.  
*Nov 7, 2016, 12:44 PM*