

Waizen targi

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **11**
- SRM **4**
- Style **Weizen/Weissbier**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

Steps

- Temp **44 C**, Time **15 min**
- Temp **64 C**, Time **45 min**
- Temp **72 C**, Time **30 min**

Mash step by step

- Heat up **17.5 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **15 min** at **44C**
- Keep mash **45 min** at **64C**
- Keep mash **30 min** at **72C**
- Sparge using **10.3 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (40%)	81 %	4
Grain	Pszeniczny	3 kg (60%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	30 g	30 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Fermentum Mobile fm 41	Wheat	Liquid	1000 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Other	Ananas	1500 g	Secondary	10 day(s)
Other	Mango	1500 g	Secondary	10 day(s)