

Tante Helga #2

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **25**
- SRM **3.6**
- Style **German Pilsner (Pils)**

Batch size

- Expected quantity of finished beer **33 liter(s)**
- Trub loss **5 %**
- Size with trub loss **34.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **41.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **24 liter(s)**
- Total mash volume **32 liter(s)**

Steps

- Temp **65 C**, Time **90 min**
- Temp **75 C**, Time **15 min**

Mash step by step

- Heat up **24 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **90 min** at **65C**
- Keep mash **15 min** at **75C**
- Sparge using **25.8 liter(s)** of **76C** water or to achieve **41.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneńsk Weyerman	7.5 kg (93.8%)	81 %	4
Grain	Płatki owsiane	0.5 kg (6.3%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	35 g	60 min	8.4 %
Aroma (end of boil)	lunga	25 g	10 min	8.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Saflager S-23	Lager	Dry	23 g	Fermentis Division of S.I.Lesaffre