

American Wheat by. homebrewing.pl

- Gravity **12.8 BLG**
- ABV ---
- IBU **31**
- SRM **4.8**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **1 %**
- Size with trub loss **20.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.2 liter(s)**
- Total mash volume **17.6 liter(s)**

Steps

- Temp **63 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **13.2 liter(s)** of strike water to **70.2C**
- Add grains
- Keep mash **40 min** at **63C**
- Keep mash **20 min** at **72C**
- Sparge using **15.6 liter(s)** of **76C** water or to achieve **24.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pilsner Malt	2.2 kg (50%)	81 %	5
Grain	Weyermann - Pale Wheat Malt	2.2 kg (50%)	82 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	15 g	60 min	12.4 %
Boil	Amarillo	15 g	15 min	8.8 %
Aroma (end of boil)	Citra	30 g	0 min	12.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-05	Wheat	Dry	11.5 g	---