

American Wheat

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **24**
- SRM **4.1**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **13.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **7.2 liter(s)**
- Total mash volume **9.6 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **7.2 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **8.5 liter(s)** of **76C** water or to achieve **13.3 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	BESTMALZ - Bestt Pale Ale	1.2 kg (50%)	80.5 %	6
Grain	Słód pszeniczny Bestmalz	1.2 kg (50%)	82 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	60 min	6.4 %
Boil	Cascade PL	10 g	20 min	6 %
Boil	Cascade PL	10 g	5 min	6 %
Boil	Cascade PL	10 g	0 min	6 %

Extras

Type	Name	Amount	Use for	Time
Other	chłodnica	1 g	Boil	15 min