

American Wheat - BIAB

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **24**
- SRM **3.7**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **11 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **13.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **7.6 liter(s) / kg**
- Mash size **17.9 liter(s)**
- Total mash volume **20.2 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **72 C**, Time **15 min**

Mash step by step

- Heat up **17.9 liter(s)** of strike water to **70.1C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **15 min** at **72C**
- Sparge using **-1.8 liter(s)** of **76C** water or to achieve **13.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Słód pszeniczny Bestmalz	1 kg (42.6%)	82 %	5
Grain	Pilznieński	0.7 kg (29.8%)	81 %	4
Grain	Simpsons - Maris Otter	0.4 kg (17%)	81 %	6
Grain	Płatki pszeniczne	0.25 kg (10.6%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	9 g	60 min	11.5 %
Whirlpool	Kohatu	30 g	15 min	1 %
Dry Hop	Kohatu	20 g	3 day(s)	7.8 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	5 g	Fermentis