

American Wheat Weselny

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **24**
- SRM **3.5**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **25.2 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4.5 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **24.2 liter(s)**

Steps

- Temp **68 C**, Time **70 min**
- Temp **78 C**, Time **1 min**

Mash step by step

- Heat up **19.8 liter(s)** of strike water to **73.3C**
- Add grains
- Keep mash **70 min** at **68C**
- Keep mash **1 min** at **78C**
- Sparge using **9.8 liter(s)** of **76C** water or to achieve **25.2 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2.2 kg (50%)	81 %	4
Grain	Pszeniczny	2.2 kg (50%)	85 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	12 g	60 min	8.8 %
Boil	Amarillo	15 g	15 min	8.8 %
Boil	Citra	10 g	5 min	13.5 %
Boil	Amarillo	15 g	0 min	8.8 %
Boil	Citra	10 g	0 min	13.5 %
Dry Hop	Amarillo	20 g	3 day(s)	8.8 %
Dry Hop	Citra	30 g	3 day(s)	13.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis