

# American Wheat

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **22**
- SRM **5.1**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **32 liter(s)**
- Trub loss **5 %**
- Size with trub loss **33.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **40.5 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 **62 C**, Time **60 min**
- Temp **71 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **24 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **30 min** at **71C**
- Keep mash **5 min** at **78C**
- Sparge using **24.5 liter(s)** of **76C** water or to achieve **40.5 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3.5 kg (43.8%)	85 %	7
Grain	Weyermann pszeniczny jasny	3 kg (37.5%)	80 %	6
Grain	Płatki pszeniczne	1 kg (12.5%)	85 %	3
Grain	Carahell	0.5 kg (6.3%)	77 %	26

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Enigma (AUS)	10 g	60 min	17.2 %
Boil	Enigma (AUS)	25 g	10 min	17.2 %
Boil	Citra	20 g	0 min	12 %
Dry Hop	Citra	50 g	5 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
fm50	Ale	Dry	30 g	Fermentis