

# amerykańska pszenica

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **26**
- SRM **3.7**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

## Steps

- Temp **62 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

## Mash step by step

- Heat up **13.5 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **40 min** at **62C**
- Keep mash **20 min** at **72C**
- Sparge using **16.3 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	2 kg (44.4%)	82 %	4
Grain	Słód pszeniczny Bestmalz	2.25 kg (50%)	82 %	5
Grain	Viking Pale Ale malt	0.25 kg (5.6%)	80 %	5

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	12 g	90 min	12 %
Aroma (end of boil)	Citra	10 g	15 min	12 %
Aroma (end of boil)	Citra	30 g	1 min	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	12 g	Fermentis