

# Amerykańska pszenica

---

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **35**
- SRM **3.6**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **10 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.7 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **24.3 liter(s)**

## Steps

- Temp **69 C**, Time **60 min**

## Mash step by step

- Heat up **18.9 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **14.2 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.85 kg (52.8%)	85 %	4
Grain	Strzegom Pilzneński	2.15 kg (39.8%)	80 %	4
Grain	Wheat, Torrified	0.4 kg (7.4%)	79 %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	60 min	13 %
Aroma (end of boil)	Centennial	25 g	7 min	10.5 %
Aroma (end of boil)	Centennial	25 g	7 min	10.5 %
Aroma (end of boil)	Citra	30 g	5 min	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Wheat	Dry	11.5 g	fermentis