

American Wheat

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **33**
- SRM **4.1**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **3 %**
- Size with trub loss **23.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **28.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **16.1 liter(s)**
- Total mash volume **20.7 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **2 min**

Mash step by step

- Heat up **16.1 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **2 min** at **78C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **28.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pale Ale Malt	2.3 kg (50%)	80 %	7
Grain	Strzegom Pszeniczny	2.3 kg (50%)	81 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	20 g	60 min	14.4 %
Aroma (end of boil)	Amarillo	25 g	5 min	7.4 %
Whirlpool	Citra	50 g	1 min	14.4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Slant	200 ml	---