

## #7 American Wheat

- Gravity **12.8 BLG**
- ABV ---
- IBU **29**
- SRM **8.6**
- 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 **20 %/h**
- Boil size **27.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **17.6 liter(s)**
- Total mash volume **22.6 liter(s)**

### Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

### Mash step by step

- Heat up **17.6 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **0 min** at **78C**
- Sparge using **15.1 liter(s)** of **76C** water or to achieve **27.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.75 kg (54.8%)	85 %	4
Grain	Strzegom Pale Ale	1.87 kg (37.3%)	79 %	6
Grain	bursztynowy	0.2 kg (4%)	75 %	30
Grain	Strzegom Karmel 150	0.2 kg (4%)	75 %	150

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	20 g	60 min	13.5 %
Boil	Cascade	20 g	0 min	6 %
Dry Hop	Cascade	30 g	5 day(s)	6 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	100 ml	Fermentis