

American Wheat

- Gravity **12.8 BLG**
- ABV ---
- IBU **50**
- SRM **4.6**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **22 liter(s)**
- Total mash volume **27.5 liter(s)**

Steps

- Temp **62 C**, Time **70 min**
- Temp **76 C**, Time **0 min**

Mash step by step

- Heat up **22 liter(s)** of strike water to **67.3C**
- Add grains
- Keep mash **70 min** at **62C**
- Keep mash **0 min** at **76C**
- Sparge using **15.2 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzniejszy	2.5 kg (45.5%)	80 %	4
Grain	Strzegom pszeniczny	2.5 kg (45.5%)	81 %	6
Grain	Weyermann - Carapils	0.5 kg (9.1%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	lunga	30 g	60 min	11 %
Aroma (end of boil)	Citra	25 g	15 min	12 %
Aroma (end of boil)	Amarillo	25 g	5 min	9.5 %
Dry Hop	Citra	75 g	0 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM50 Kłosy Kansas	Wheat	Liquid	1800 ml	Fermentum Mobile