

Kapitan Ameryka

- Gravity **11.3 BLG**
- ABV ---
- IBU **19**
- SRM **4.1**
- Style **American Wheat or Rye Beer**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **10 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29.1 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

- Temp **65 C**, Time **70 min**

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **70 min** at **65C**
- Sparge using **20.1 liter(s)** of **76C** water or to achieve **29.1 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pszeniczny	2.5 kg (55.6%)	85 %	4
Grain	Strzegom Pale Ale	2 kg (44.4%)	79 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Iunga	10 g	50 min	11 %
Aroma (end of boil)	Amarillo	40 g	5 min	9.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis