

# American Wheat 2022

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- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **28**
- SRM **3.6**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

## Mash information

- Mash efficiency **82 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.9 liter(s)**
- Total mash volume **19.1 liter(s)**

## Steps

- Temp **68 C**, Time **45 min**

## Mash step by step

- Heat up **14.9 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **45 min** at **68C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	2 kg (47.1%)	80 %	5
Grain	Pszeniczny	2 kg (47.1%)	85 %	4
Grain	Płatki owsiane	0.25 kg (5.9%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	20 g	60 min	12 %
Whirlpool	Citra	25 g	0 min	13.7 %
Whirlpool	Cascade	25 g	0 min	6 %
Dry Hop	Citra	75 g	3 day(s)	13.7 %
Dry Hop	Cascade	75 g	3 day(s)	6 %

## Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Slant	200 ml	Fermentis