

# American wheat

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- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **16**
- SRM **4.2**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **16.1 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **13.5 liter(s)**

## Steps

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

## Mash step by step

- Heat up **10.5 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **8.6 liter(s)** of **76C** water or to achieve **16.1 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1.5 kg (50%)	80 %	5
Grain	Strzegom Pszeniczny	1.5 kg (50%)	81 %	6

## Hops

Use for	Name	Amount	Time	Alpha acid
Aroma (end of boil)	Citra	20 g	10 min	12 %
Aroma (end of boil)	Citra	20 g	0 min	12 %
Aroma (end of boil)	Amarillo	10 g	0 min	9.5 %
Dry Hop	Amarillo	20 g	2 day(s)	9.5 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Us05	Ale	Dry	11 g	---