

# Hazy Wheat - Citra, Galaxy, HBC 472

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **50**
- SRM **4.2**
- Style **American Wheat or Rye Beer**

## Batch size

- Expected quantity of finished beer **20.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.6 liter(s)**
- Boil time **30 min**
- Evaporation rate **10 %/h**
- Boil size **26.9 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **21 liter(s)**
- Total mash volume **28 liter(s)**

## Steps

- Temp **65 C**, Time **45 min**

## Mash step by step

- Heat up **21 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Sparge using **12.9 liter(s)** of **76C** water or to achieve **26.9 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	3 kg (42.9%)	80 %	4
Grain	Pszeniczny	2 kg (28.6%)	85 %	4
Grain	Płatki owsiane	2 kg (28.6%)	85 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	70 g	30 min	10.5 %
Whirlpool	Citra	60 g	0 min	12 %
Whirlpool	Galaxy	30 g	0 min	15 %
Whirlpool	HBC 472	30 g	0 min	17.2 %
Dry Hop	Citra	30 g	3 day(s)	12 %
Dry Hop	Galaxy	60 g	3 day(s)	15 %
Dry Hop	HBC 472	60 g	3 day(s)	17.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis

## Extras

Type	Name	Amount	Use for	Time
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Other	łuska ryżowa	150 g	Mash	45 min
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