

Citra Single Hop IPA by Damianowy

- Gravity **12.4 BLG**
- ABV **5 %**
- IBU **59**
- SRM **4.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.6 liter(s) / kg**
- Mash size **19.4 liter(s)**
- Total mash volume **24.8 liter(s)**

Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **10 min**

Mash step by step

- Heat up **19.4 liter(s)** of strike water to **70.1C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **10 min** at **72C**
- Sparge using **13.5 liter(s)** of **76C** water or to achieve **27.5 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	3 kg (55.6%)	79 %	6
Grain	Strzegom Pilzneński	2 kg (37%)	80 %	4
Grain	Płatki owsiane	0.4 kg (7.4%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	30 g	60 min	13.5 %
Boil	Citra	10 g	30 min	13.5 %
Boil	Citra	15 g	10 min	13.5 %
Aroma (end of boil)	Citra	15 g	0 min	13.5 %
Dry Hop	Citra	30 g	3 day(s)	13.5 %

Yeasts

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

Extras

Type	Name	Amount	Use for	Time
Finings	mech irlandzki	10 g	Boil	15 min