

CITRA SINGLE HOP

- Gravity **13.6 BLG**
- ABV ---
- IBU **76**
- SRM **6.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.8 liter(s)**
- Total mash volume **22.4 liter(s)**

Steps

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

Mash step by step

- Heat up **16.8 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **17.8 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Sugar	GLUKOZA	0.1 kg (1.8%)	--- %	---
Grain	Weyermann - Pale Ale Malt	4.6 kg (80.7%)	85 %	7
Grain	Strzegom Wiedeński	1 kg (17.5%)	79 %	10

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	40 g	60 min	12 %
Boil	Citra	30 g	25 min	12 %
Aroma (end of boil)	Citra	30 g	4 min	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	15 g	---