

oat ipa

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **56**
- SRM **4.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **31.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **21.6 liter(s)** of **76C** water or to achieve **31.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	4 kg (61.5%)	79 %	6
Grain	Pszeniczny	1 kg (15.4%)	85 %	4
Adjunct	Płatki owsiane	1 kg (15.4%)	85 %	3
Adjunct	Płatki pszeniczne	0.5 kg (7.7%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	10 g	60 min	15.5 %
Boil	Jarrylo	10 g	30 min	15 %
Boil	Columbus/Tomahawk/Zeus	15 g	30 min	15.5 %
Boil	Jarrylo	30 g	15 min	15 %
Aroma (end of boil)	Jarrylo	20 g	0 min	15 %
Dry Hop	Jarrylo	40 g	5 day(s)	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Safale