Hazy Disco edycja kangurza

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **26**
- SRM **7.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **4.3 liter(s) / kg**
- Mash size **29.7 liter(s)**
- Total mash volume **36.6 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **76 C**, Time **5 min**

Mash step by step

- Heat up **29.7 liter(s)** of strike water to **74.7C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **5 min** at **76C**
- Sparge using **3.6 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	4.5 kg *(65.2%)*	82 %	15
Grain	Płatki pszeniczne	1 kg *(14.5%)*	60 %	3
Grain	Pszeniczny	1 kg *(14.5%)*	85 %	3
Grain	Płatki owsiane	0.4 kg *(5.8%)*	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
First Wort	Iunga	10 g	70 min	11 %
Aroma (end of boil)	Enigma (AUS)	20 g	5 min	17.2 %
Whirlpool	Enigma (AUS)	20 g	5 min	17.2 %
Whirlpool	Galaxy	30 g	5 min	15 %
Dry Hop	Enigma (AUS)	50 g	5 day(s)	17.2 %
Dry Hop	Galaxy	70 g	5 day(s)	15 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - LalBrew Verdant IPA	Ale	Dry	22 g	Lallemand

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

Extras

Type	Name	Amount	Use for	Time
Fining	NaCl	4 g	Mash	70 min
Other	Witamina C	3 g	Secondary	5 day(s)
Fining	Whirfloc 1/4 tabletki	1 g	Boil	0 min

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