

## P.12 - NE Zeus IPA

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- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **13**
- SRM **5.3**
- 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 **11 %/h**
- Boil size **26.9 liter(s)**

### Mash information

- Mash efficiency **68 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

### Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **1 min**

### Mash step by step

- Heat up **19.8 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **1 min** at **78C**
- Sparge using **13.7 liter(s)** of **76C** water or to achieve **26.9 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	5 kg (75.8%)	85 %	7
Grain	Platki owsiane	1.2 kg (18.2%)	85 %	3
Grain	Briess - Barley Flakes	0.4 kg (6.1%)	70 %	3

### Hops

Use for	Name	Amount	Time	Alpha acid
Whirlpool	Columbus/Tomahawk/Zeus	50 g	10 min	15.5 %
Dry Hop	Columbus/Tomahawk/Zeus	200 g	5 day(s)	15.5 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Danstar BRY-97	Ale	Slant	300 ml	danstar