

## Single hop equinox

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- Gravity **14.7 BLG**
- ABV ---
- IBU **72**
- SRM **6.1**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **10 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **27.8 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

### Steps

- Temp **52 C**, Time **15 min**
- Temp **66 C**, Time **60 min**

### Mash step by step

- Heat up **16.5 liter(s)** of strike water to **57.3C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **60 min** at **66C**
- Sparge using **16.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	5 kg (90.9%)	85 %	7
Grain	Pszeniczny	0.5 kg (9.1%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Equinox	30 g	60 min	13.1 %
Boil	Equinox	30 g	30 min	13.1 %
Aroma (end of boil)	Equinox	20 g	5 min	13.1 %
Dry Hop	Equinox	20 g	7 day(s)	13.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11.5 g	Fermentis

### Notes

- Planowana modyfikacja twardości wody  
*Sep 29, 2015, 6:27 PM*