

## #12 Galaxy Oatmeal IPA

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- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **48**
- SRM **4.9**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.7 liter(s) / kg**
- Mash size **19.3 liter(s)**
- Total mash volume **26.5 liter(s)**

### Steps

- Temp **62 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **19.3 liter(s)** of strike water to **69.8C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **15.7 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (69.9%)	80 %	5
Grain	Strzegom Pszeniczny	1 kg (14%)	81 %	6
Grain	Płatki owsiane	1 kg (14%)	85 %	3
Grain	Acid Malt	0.15 kg (2.1%)	58.7 %	6

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	50 g	60 min	11 %
Aroma (end of boil)	Galaxy	50 g	0 min	15 %
Dry Hop	Galaxy	100 g	1 day(s)	15 %

### Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	12 g	---