

# Black IPA JJ

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- Gravity **18.7 BLG**
- ABV **8.1 %**
- IBU **72**
- SRM **50.8**
- Style **Black IPA**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **23.8 liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	3.4 kg (66.7%)	80 %	35
Liquid Extract	ekstrakt słodowy ciemny Bruntal	1.7 kg (33.3%)	90 %	621

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	60 min	13 %
Boil	Zeus	10 g	60 min	13 %
Boil	Citra	30 g	30 min	12 %
Boil	Mosaic	30 g	10 min	10 %
Boil	Falconer's Flight	30 g	10 min	12 %
Dry Hop	Mosaic	30 g	3 day(s)	10 %

## Yeasts

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