

# Simcoe BlackIPA Offroader

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- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **68**
- SRM **42.6**
- Style **Black IPA**

## Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size --- **liter(s)**
- Total mash volume --- **liter(s)**

## Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Pale Ale Extract	3.4 kg (66.7%)	78 %	16
Liquid Extract	ekstrakt słodowy ciemny	1.7 kg (33.3%)	90 %	621

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	25 g	60 min	13 %
Aroma (end of boil)	Simcoe	60 g	15 min	13.2 %
Aroma (end of boil)	Citra	30 g	5 min	12 %
Dry Hop	Simcoe	70 g	7 day(s)	13.2 %
Dry Hop	Citra	20 g	7 day(s)	12 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	200 ml	Fermentis