

## Session IPA Boża

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- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **44**
- SRM **3.9**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **32.8 liter(s)**

### Mash information

- Mash efficiency **84.5 %**
- Liquor-to-grist ratio **3.26 liter(s) / kg**
- Mash size **21.5 liter(s)**
- Total mash volume **28.1 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	5 kg (75.8%)	80 %	5
Grain	Płatki owsiane	0.5 kg (7.6%)	60 %	3
Grain	Weyermann - Carapils	0.1 kg (1.5%)	78 %	4
Grain	Pilzneński	0.5 kg (7.6%)	81 %	4
Grain	Pszeniczny	0.5 kg (7.6%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	20 g	60 min	13 %
Dry Hop	Chinook	80 g	7 day(s)	9.3 %
Dry Hop	Citra	30 g	7 day(s)	13.4 %
Dry Hop	Cascade PL	100 g	7 day(s)	3.8 %
Boil	Marynka	30 g	60 min	10 %

### Yeasts

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

### Extras

Type	Name	Amount	Use for	Time
Water Agent	gips piwowarski	6 g	Mash	60 min