

- Gravity **14.5 BLG**
- ABV ---
- IBU **18**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29.9 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **29.3 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pale Ale Bestmalz	5 kg (76.9%)	80 %	5
Grain	Pszeniczny	1 kg (15.4%)	85 %	4
Grain	Carabody	0.5 kg (7.7%)	80 %	8

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Centennial	20 g	30 min	8.5 %
Boil	Cascade	10 g	30 min	8.3 %