

ipa

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **45**
- SRM **6.1**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **16 liter(s)**
- Trub loss **5 %**
- Size with trub loss **16.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **20.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	golden ale viking	2 kg (40%)	80 %	12
Grain	Pszeniczny	0.5 kg (10%)	85 %	4
Grain	Viking Pale Ale malt	2.5 kg (50%)	80 %	5

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Centennial	25 g	60 min	9.7 %
Boil	Centennial	40 g	10 min	8.8 %