

## APA English Man

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- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **45**
- SRM ---
- Style **English IPA**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	WES ekstrakt słodowy jasny	3.4 kg (100%)	80 %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Fuggles	30 g	60 min	4.5 %
Boil	Perle	30 g	60 min	7 %
Aroma (end of boil)	Fuggles	20 g	10 min	4.5 %
Whirlpool	Perle	20 g	5 min	7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	11 g	Safale