

## Pierwsze APA

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- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **67**
- SRM **5.9**
- Style **American Pale Ale**

### 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)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal Pale Ale	1.7 kg (43.6%)	80 %	35
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Liquid Extract	WES ekstrakt słodowy jasny	0.5 kg (12.8%)	80 %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	30 g	60 min	12 %
Boil	Chinook	15 g	30 min	13 %
Dry Hop	Cascade	10 g	5 day(s)	6 %
Dry Hop	Chinook	10 g	5 day(s)	13 %
Dry Hop	Citra	20 g	5 day(s)	12 %
Boil	Cascade	15 g	30 min	6 %
Boil	Citra	10 g	30 min	12 %

### Yeasts

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