

APA Żytnia

- Gravity **10 BLG**
- ABV **4 %**
- IBU **30**
- SRM **2**
- Style **American Pale Ale**

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	Bruntal ekstrakt słodowy pszeniczny	1.7 kg (58.6%)	80 %	---
Liquid Extract	Żytni	1.2 kg (41.4%)	85 %	8

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Warrior	15 g	80 min	15.5 %
Whirlpool	Warrior	15 g	---	15.5 %
Whirlpool	Equinox	90 g	---	13.1 %
Whirlpool	Columbus/Tomahawk/Zeus	90 g	---	15.5 %
Dry Hop	Citra	90 g	3 day(s)	12 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Slant	100 ml	---