

Aipa

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **44**
- SRM **5.3**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **26 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **30 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **28 liter(s)**
- Total mash volume **36.5 liter(s)**

Steps

- Temp **69 C**, Time **60 min**
- Temp **72 C**, Time **15 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **28 liter(s)** of strike water to **76.4C**
- Add grains
- Keep mash **60 min** at **69C**
- Keep mash **15 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **10.5 liter(s)** of **76C** water or to achieve **30 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pale Ale	6 kg (70.6%)	79 %	6
Grain	Strzegom Pilzneński	2 kg (23.5%)	80 %	4
Grain	Płatki owsiane	0.5 kg (5.9%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	20 g	60 min	13.2 %
Boil	Citra	15 g	30 min	12 %
Boil	Citra	30 g	10 min	12 %
Aroma (end of boil)	Cascade	20 g	0 min	6 %
Whirlpool	Citra	50 g	0 min	8 %
Dry Hop	Citra	100 g	7 day(s)	8 %
Dry Hop	Mosaic	100 g	7 day(s)	8 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM52 Amerykański Sen	Ale	Slant	1000 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Fining	Mech irlandzki	10 g	Boil	10 min
Water Agent	gips	8 g	Mash	60 min
Water Agent	chlorek wapnia	3 g	Mash	60 min