

Prosty banan

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **66**
- SRM **5.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **0 %**
- Size with trub loss **12 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **14.7 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **11.3 liter(s)**
- Total mash volume **15.8 liter(s)**

Steps

- Temp **64 C**, Time **60 min**

Mash step by step

- Heat up **11.3 liter(s)** of strike water to **72.8C**
- Add grains
- Keep mash **60 min** at **64C**
- Sparge using **7.9 liter(s)** of **76C** water or to achieve **14.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (44.4%)	81 %	4
Grain	Viking Pale Ale malt	2 kg (44.4%)	70 %	5
Grain	Płatki pszeniczne	0.5 kg (11.1%)	60 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Columbus/Tomahawk/Zeus	30 g	40 min	14.7 %
Aroma (end of boil)	Columbus/Tomahawk/Zeus	15 g	0 min	15.5 %
Whirlpool	Azacca	25 g	0 min	14 %
Dry Hop	Azacca	25 g	---	14 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale S-04	Ale	Dry	10 g	Fermentis

Extras

Type	Name	Amount	Use for	Time
Flavor	6 bananów	6 g	Secondary	---