

Wujek z stanów

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **35**
- SRM **9.1**
- 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)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.4 liter(s)**
- Total mash volume **21.8 liter(s)**

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Simpsons - Maris Otter	1 kg (18.3%)	81 %	6
Grain	Briess - Pale Ale Malt	4 kg (73.4%)	80 %	7
Grain	Strzegom Karmel 300	0.2 kg (3.7%)	70 %	299
Grain	Płatki pszeniczne	0.25 kg (4.6%)	85 %	3

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Mosaic	30 g	45 min	12 %
Boil	Citra	25 g	0 min	12 %
Boil	Simcoe	25 g	0 min	13.2 %
Dry Hop	Citra	25 g	---	12 %
Dry Hop	Simcoe	25 g	---	13.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
us-05	Ale	Dry	11.5 g	---