

## yogowanie R25v2.0

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- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **34**
- SRM **4**
- Style **American IPA**

### 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 **20.1 liter(s)**
- Total mash volume **26.8 liter(s)**

### Steps

- Temp **64 C**, Time **50 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **20.1 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **50 min** at **64C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **11.9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	1.7 kg (25.4%)	81 %	4
Grain	Chit Malt	2 kg (29.9%)	50 %	2
Grain	Oats, Flaked	1 kg (14.9%)	80 %	2
Grain	Barley, Flaked	1 kg (14.9%)	70 %	4
Grain	Rye, Flaked	1 kg (14.9%)	78.3 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Rody hodowlane 3/20	35 g	35 min	7.5 %
Boil	Zula	40 g	10 min	8.3 %
Whirlpool	Książęcy	25 g	0 min	7 %
Whirlpool	Zula	25 g	0 min	8.3 %
Whirlpool	Książęcy	25 g	0 min	7 %
Dry Hop	Rody hodowlane 3/20	25 g	1 day(s)	24 %
Dry Hop	Zula	25 g	2 day(s)	8.3 %
Dry Hop	Książęcy	25 g	3 day(s)	7 %

Dry Hop	Rody hodwlane 3/20	50 g	5 day(s)	7.5 %
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## Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - LalBrew Verdant IPA	Ale	Dry	18 g	Lallemand

## Notes

- Woda  
Ca 65  
Mg 10  
Na 40  
Cl 180  
So4 70  
HCo3 15

Fermentacja

18 C - 3 dni  
22 C 9 dni  
*Mar 5, 2025, 11:35 AM*