

Rody Hodowlane Single HOP Polish Pale Ale

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **28**
- SRM **4.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29.6 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **20.2 liter(s)**
- Total mash volume **26.5 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **10 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **20.2 liter(s)** of strike water to **75.5C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **15.7 liter(s)** of **76C** water or to achieve **29.6 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Bohemian Pilsner Malt	5 kg (79.4%)	81 %	4
Grain	Strzegom Monachijski typ I	0.5 kg (7.9%)	79 %	16
Grain	Pszeniczny	0.5 kg (7.9%)	85 %	4
Grain	Weyermann - Carapils	0.3 kg (4.8%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Rody Hodowlane	30 g	60 min	9.3 %
Boil	Rody Hodowlane	70 g	1 min	9.3 %
Dry Hop	Rody Hodowlane	100 g	2 day(s)	9.3 %

Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - LalBrew Verdant IPA	Ale	Slant	200 ml	---