

#25 Red Devil Red IPA

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **50**
- SRM **15.6**
- Style **Red IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **14 %**
- Size with trub loss **17.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **20.8 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3.62 liter(s) / kg**
- Mash size **20.5 liter(s)**
- Total mash volume **26.1 liter(s)**

Steps

- Temp **65 C**, Time **50 min**
- Temp **77 C**, Time **10 min**

Mash step by step

- Heat up **20.5 liter(s)** of strike water to **71.2C**
- Add grains
- Keep mash **50 min** at **65C**
- Keep mash **10 min** at **77C**
- Sparge using **6 liter(s)** of **76C** water or to achieve **20.8 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pilsner malt	3.8 kg (67.3%)	82 %	4
Grain	Monachijski typ II 20-25 EBC Weyermann	1 kg (17.7%)	80 %	22
Grain	Simpsons Red Rye Crystal	0.5 kg (8.8%)	75 %	270
Grain	Weyermann - Carapils	0.35 kg (6.2%)	78 %	4

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Iunga	22 g	50 min	11 %
Aroma (end of boil)	Mosaic	20 g	10 min	10 %
Aroma (end of boil)	Amarillo	20 g	7 min	9.5 %
Aroma (end of boil)	Mosaic	20 g	7 min	10 %
Whirlpool	Amarillo	30 g	0 min	12 %
na 78 stopni na 30 minut, wpisane 0 minut żeby nie zaburzało wyliczenia IBU				
Whirlpool	Mosaic	20 g	0 min	10 %
na 78 stopni na 30 minut, wpisane 0 minut żeby nie zaburzało wyliczenia IBU				
Whirlpool	Simcoe	20 g	0 min	13.2 %

na 78 stopni na 30 minut, wpisane 0 minut żeby nie zaburzało wyliczenia IBU				
Dry Hop	Amarillo	60 g	3 day(s)	9.5 %
Dry Hop	Mosaic	50 g	3 day(s)	10 %
Dry Hop	Simcoe	30 g	3 day(s)	13.2 %

Yeasts

Name	Type	Form	Amount	Laboratory
Omega Yeast OYL-090 Espe Kveik	Ale	Slant	150 ml	Omega Yeast

Extras

Type	Name	Amount	Use for	Time
Water Agent	Gips piwowarski	4 g	Mash	60 min
Fining	Mech irlandzki	5 g	Boil	8 min
Other	Witamina C	1.5 g	Secondary	10 day(s)
Other	Witamina C	1.5 g	Bottling	---
Other	Glukoza	90 g	Bottling	---