

Sezon letni

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **20**
- SRM **12.1**
- Style **Saison**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **19.4 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.5 liter(s)**
- Total mash volume **18 liter(s)**

Steps

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

Mash step by step

- Heat up **13.5 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Sparge using **10.4 liter(s)** of **76C** water or to achieve **19.4 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	3 kg (62.5%)	81 %	4
Grain	Pszeniczny	1 kg (20.8%)	85 %	4
Grain	Carahell	0.2 kg (4.2%)	77 %	26
Grain	Caraaroma	0.2 kg (4.2%)	78 %	400
Grain	Acid Malt	0.1 kg (2.1%)	58.7 %	6
Sugar	Glukoza	0.3 kg (6.3%)	100 %	1

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	11 g	60 min	10 %
Boil	Saaz (Czech Republic)	15 g	15 min	4.5 %
Aroma (end of boil)	Saaz (Czech Republic)	10 g	0 min	4.5 %

Yeasts

Name	Type	Form	Amount	Laboratory
FM21 Odkrycie sezonu	Ale	Liquid	2000 ml	Fermentum Mobile

Extras

Type	Name	Amount	Use for	Time
Spice	Curacao	15 g	Boil	15 min
Fining	Whirlfloc	1.25 g	Boil	10 min

Notes

- <http://blog.homebrewing.pl/saison-receptura/>
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