

Leśne figle patyki

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **40**
- SRM **4**
- Style **Spice, Herb, or Vegetable Beer**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.8 liter(s)**
- Total mash volume **26.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **19.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **78C**
- Sparge using **18.5 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	4.5 kg (68.2%)	80 %	4
Grain	Strzegom Pszeniczny	1 kg (15.2%)	81 %	6
Grain	Viking Pale Ale malt	0.5 kg (7.6%)	80 %	5
Grain	Weyermann - Carapils	0.5 kg (7.6%)	78 %	4
Grain	Acid Malt	0.1 kg (1.5%)	58.7 %	6

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	30 g	60 min	10 %
Boil	Iunga	15 g	60 min	11 %
Boil	Lublin (Lubelski)	15 g	10 min	4 %

Yeasts

Name	Type	Form	Amount	Laboratory
Safale US-05	Ale	Dry	23 g	Safale

Extras

Type	Name	Amount	Use for	Time
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Spice	jałowiec	20 g	Mash	70 min
Spice	pędy sosny	100 g	Mash	70 min
Spice	pędy sosny	200 g	Boil	30 min
Spice	jałowiec	30 g	Boil	10 min
Spice	pędy sosny	150 g	Boil	10 min
Spice	pędy sosny	500 g	Secondary	7 day(s)