

Kosynier

- Gravity **12.6 BLG**
- ABV ---
- IBU **39**
- SRM **4.2**

Batch size

- Expected quantity of finished beer **34 liter(s)**
- Trub loss **5 %**
- Size with trub loss **37.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **44.9 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **30 liter(s)**

Steps

- Temp **66 C**, Time **60 min**
- Temp **74 C**, Time **10 min**

Mash step by step

- Heat up **22.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **10 min** at **74C**
- Sparge using **29.9 liter(s)** of **76C** water or to achieve **44.9 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	6 kg (80%)	81 %	4
Grain	Pszeniczny	0.5 kg (6.7%)	85 %	4
Grain	Monachijski	1 kg (13.3%)	80 %	16

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga	30 g	60 min	11 %
Boil	Sybilla	23 g	60 min	5 %
Boil	Sybilla	40 g	20 min	5 %
Boil	Sybilla	37 g	1 min	5 %

Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Dry	22 g	Danstar