

# Książę Lata

- Gravity **10.2 BLG**
- ABV ---
- IBU **37**
- SRM **3.5**
- Style **Witbier**

## Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.9 liter(s)**
- Total mash volume **17.2 liter(s)**

## Steps

- Temp **62 C**, Time **15 min**
- Temp **68 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **12.9 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **15 min** at **62C**
- Keep mash **30 min** at **68C**
- Keep mash **30 min** at **72C**
- Sparge using **21.8 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (46.5%)	81 %	4
Grain	Pszeniczny	1.5 kg (34.9%)	85 %	4
Grain	Płatki owsiane	0.8 kg (18.6%)	--- %	4

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Citra	10 g	60 min	15.3 %
Boil	Strasselpalter	25 g	30 min	3.2 %
Boil	Citra	15 g	15 min	15.3 %
Boil	Strasselpalter	25 g	5 min	3.2 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Safbrew S-33	Wheat	Dry	12 g	Safbrew