

# Kniaź Jarema

- Gravity **14.7 BLG**
- ABV **6.1 %**
- IBU **25**
- SRM **3.2**
- Style **Fruit Beer**

## Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **20.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **24 liter(s)**

## Steps

- Temp **69 C**, Time **60 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **77.2C**
- Add grains
- Keep mash **60 min** at **69C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **24.8 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Briess - Pilsen Malt	5 kg (83.3%)	80.5 %	2
Grain	Płatki pszeniczne	0.5 kg (8.3%)	60 %	3
Grain	Płatki owsiane	0.5 kg (8.3%)	60 %	3

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Lublin (Lubelski)	50 g	60 min	4.9 %

## Yeasts

Name	Type	Form	Amount	Laboratory
Lallemand - WildBrew Philly Sour	Ale	Dry	22 g	Lallemand

## Extras

Type	Name	Amount	Use for	Time
Flavor	Wiśnie	3000 g	Secondary	7 day(s)