

## Lato w mieście III

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **17**
- SRM **3**
- Style **Berliner Weisse**

### Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **14.5 liter(s)**

### Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **9.2 liter(s)**
- Total mash volume **11.5 liter(s)**

### Steps

- Temp **62 C**, Time **45 min**
- Temp **72 C**, Time **15 min**

### Mash step by step

- Heat up **9.2 liter(s)** of strike water to **67.3C**
- Add grains
- Keep mash **45 min** at **62C**
- Keep mash **15 min** at **72C**
- Sparge using **7.6 liter(s)** of **76C** water or to achieve **14.5 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Viking Pale Ale malt	1 kg (43.5%)	80 %	5
Grain	Pszeniczny	1 kg (43.5%)	85 %	4
Grain	Płatki owsiane	0.3 kg (13%)	--- %	---

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sybilla	28 g	30 min	4.3 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - American Ale	Ale	Liquid	75 ml	Wyeast Labs

### Extras

Type	Name	Amount	Use for	Time
Flavor	Maliny mrożone	1000 g	Secondary	7 day(s)