

## Warka 4 jasny+ciemny

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **33**
- SRM **45.5**
- Style **Vienna Lager**

### Batch size

- Expected quantity of finished beer **20.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **24.8 liter(s)**

### Fermentables

Type	Name	Amount	Yield	EBC
Liquid Extract	Bruntal ekstrakt słodowy jasny	1.6 kg (48.5%)	81 %	26
Liquid Extract	Bruntal ekstrakt słodowy ciemny	1.7 kg (51.5%)	90 %	621

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade PL	0 g	60 min	7.8 %
Boil	Citra	10 g	60 min	12 %
Boil	Cascade PL	25 g	10 min	7.8 %
Boil	Citra	25 g	10 min	12 %

### Yeasts

Name	Type	Form	Amount	Laboratory
US-05	Ale	Dry	11 g	---

### Notes

- Wstawione 17.06.2023r.  
*Jun 17, 2023, 2:53 PM*