

## Summer ale 12 Blg v.2

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- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **22**
- SRM **4.2**
- Style **Blonde Ale**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.3 liter(s)**

### Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

### Steps

- Temp **55 C**, Time **10 min**
- Temp **63 C**, Time **30 min**
- Temp **72 C**, Time **40 min**
- Temp **75 C**, Time **10 min**

### Mash step by step

- Heat up **15 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **10 min** at **55C**
- Keep mash **30 min** at **63C**
- Keep mash **40 min** at **72C**
- Keep mash **10 min** at **75C**
- Sparge using **20.3 liter(s)** of **76C** water or to achieve **30.3 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	2 kg (40%)	81 %	4
Grain	Strzegom Wiedeński	2 kg (40%)	79 %	10
Grain	Pszeniczny	1 kg (20%)	85 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	lunga PL	10 g	60 min	11 %
Boil	Sybilla PL szyszka	30 g	5 min	6.1 %
Boil	Sybilla PL szyszka	20 g	30 min	6.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Danstar - Nottingham	Ale	Dry	11 g	---