

## Golden Ale 2.0

- Gravity **10.2 BLG**
- ABV **4.1 %**
- IBU **17**
- SRM **2.9**
- Style **Blonde Ale**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **10 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **20 %/h**
- Boil size **33.7 liter(s)**

### Mash information

- Mash efficiency **83 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.4 liter(s)**
- Total mash volume **19.8 liter(s)**

### Steps

- Temp **67 C**, Time **60 min**

### Mash step by step

- Heat up **15.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **22.7 liter(s)** of **76C** water or to achieve **33.7 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Pilzneński	4.4 kg (100%)	81 %	4

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Cascade	25 g	60 min	4.6 %
Boil	Cascade	25 g	15 min	4.6 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 1056 American Ale	Ale	Liquid	100 ml	Wyeast Labs

### Extras

Type	Name	Amount	Use for	Time
Water Agent	Pożywka	2 g	Boil	10 min
Fining	Mech irlandzki	5 g	Boil	10 min