

## #18. Maltøl Farm house ALE

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **34**
- SRM **3.8**
- Style **Old Ale**

### Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **5 %**
- Size with trub loss **18.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **22.8 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.2 liter(s)**
- Total mash volume **17.6 liter(s)**

### Steps

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

### Mash step by step

- Heat up **13.2 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **14 liter(s)** of **76C** water or to achieve **22.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Smoked Malt	1 kg (22.7%)	81 %	6
Grain	Weyermann - Bohemian Pilsner Malt	3 kg (68.2%)	81 %	4
Grain	Oats, Flaked	0.4 kg (9.1%)	80 %	2

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Chinook	10 g	60 min	13.7 %
Boil	Chinook	10 g	15 min	13.7 %
Aroma (end of boil)	Chinook	30 g	5 min	13.7 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Lutra OYL-071 kveik	Ale	Dry	11 g	Omega

### Extras

Type	Name	Amount	Use for	Time
Herb	Owoce jałowca	17 g	Boil	15 min