### **Left Hand Milk Stout**

- Gravity 11.7 BLG
- ABV ----
- IBU **21**
- SRM **30**
- Style Sweet Stout

#### **Batch size**

- Expected quantity of finished beer 21 liter(s)
- Trub loss 5 %
- Size with trub loss 22.1 liter(s)
- Boil time 60 min
- Evaporation rate 10 %/h
- Boil size 26.5 liter(s)

# **Mash information**

- Mash efficiency 75 %
- Liquor-to-grist ratio 3 liter(s) / kg
- Mash size 15.8 liter(s)
- Total mash volume 21 liter(s)

#### **Steps**

- Temp 67 C, Time 75 min
  Temp 74 C, Time 10 min

## Mash step by step

- Heat up 15.8 liter(s) of strike water to 74.8C
- Add grains
- Keep mash 75 min at 67C
- Keep mash 10 min at 74C
- Sparge using 16 liter(s) of 76C water or to achieve 26.5 liter(s) of wort

#### **Fermentables**

Туре	Name	Amount	Yield	EBC
Grain	Pale Malt (2 Row) UK	3.2 kg <i>(60.8%)</i>	78 %	6
Grain	Roasted Barley	0.5 kg <i>(9.5%)</i>	55 %	591
Grain	Caramel/Crystal Malt - 60L	0.35 kg <i>(6.7%)</i>	74 %	118
Grain	Briess - Chocolate Malt	0.35 kg <i>(6.7%)</i>	60 %	690
Grain	Munich Malt	0.35 kg <i>(6.7%)</i>	80 %	18
Grain	Barley, Flaked	0.28 kg <i>(5.3%)</i>	70 %	4
Grain	Oats, Flaked	0.23 kg <i>(4.4%)</i>	80 %	2

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Magnum	10 g	60 min	13.5 %
Boil	East Kent Goldings	30 g	10 min	5.1 %

### **Yeasts**

Name	Туре	Form	Amount	Laboratory
Safale US-05	Ale	Dry	11 g	Fermentis

#### **Extras**

Туре	Name	Amount	Use for	Time
Fining	Irish Moss	5 g	Boil	10 min