

# CHERRY MILK STOUT

- Gravity **13.6 BLG**
- ABV **5.6 %**
- IBU **21**
- SRM **37.6**
- Style **Sweet Stout**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **28.3 liter(s)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **21.3 liter(s)**
- Total mash volume **27.4 liter(s)**

## Steps

- Temp **65 C**, Time **40 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **1 min**

## Mash step by step

- Heat up **21.3 liter(s)** of strike water to **71.4C**
- Add grains
- Keep mash **40 min** at **65C**
- Keep mash **30 min** at **72C**
- Keep mash **1 min** at **78C**
- Sparge using **13.1 liter(s)** of **76C** water or to achieve **28.3 liter(s)** of wort

## Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	3 kg (49.2%)	85 %	7
Grain	Monachijski typ II 20-25 EBC Weyermann	1.5 kg (24.6%)	80 %	20
Grain	Płatki owsiane	0.5 kg (8.2%)	85 %	3
Grain	Pszeniczny	0.3 kg (4.9%)	85 %	4
Grain	Carafa III	0.3 kg (4.9%)	70 %	1034
Grain	Jęczmień palony	0.3 kg (4.9%)	55 %	985
Grain	Fawcett - Pszeniczny Czekoladowy	0.2 kg (3.3%)	73 %	1001

## Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	30 g	50 min	7.4 %

## Yeasts

Name	Type	Form	Amount	Laboratory
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FM52 Amerykański Sen	Ale	Liquid	1000 ml	Fermentum Mobile
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### Extras

Type	Name	Amount	Use for	Time
Flavor	wiśnie	2500 g	Secondary	14 day(s)
Fining	whirlfloc	1 g	Boil	10 min
Other	laktoza	0.5 g	Boil	10 min