

Milk Stout

- Gravity **14.3 BLG**
- ABV **5.9 %**
- IBU **32**
- SRM **21.8**
- Style **Sweet Stout**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **5 %**
- Size with trub loss **19.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **13.8 liter(s)**
- Total mash volume **18.4 liter(s)**

Steps

- Temp **67 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **13.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Keep mash **10 min** at **76C**
- Sparge using **14.9 liter(s)** of **76C** water or to achieve **24.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---|----------------|-------|-----|
| Grain | Pale Malt (2 Row) UK | 3.5 kg (66%) | 78 % | 6 |
| Grain | Słód Pilsner® 2,5-4,5 EBC Weyermann | 0.5 kg (9.4%) | 80 % | 4 |
| Grain | Słód Caramunich Typ II Weyermann | 0.2 kg (3.8%) | 73 % | 120 |
| Grain | Jęczmień palony | 0.3 kg (5.7%) | 55 % | 985 |
| Grain | carafa | 0.1 kg (1.9%) | --- % | --- |
| Sugar | cukier | 0.7 kg (13.2%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil | Marynka | 30 g | 60 min | 10 % |
| Dry Hop | Marynka | 15 g | 7 day(s) | 10 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------------|------|------|--------|------------|
| Gozdawa Pure Ale Yeast 7 | Ale | Dry | 11 g | --- |

Extras

Recipe has been printed via **BREWNES.com** - a complex online solution for homebrewers to track brewing process easily.

| Type | Name | Amount | Use for | Time |
|--------|----------------------------|--------|-----------|----------|
| Flavor | laktoza | 250 g | Boil | 15 min |
| Fining | mech irlandzki | 5 g | Boil | 10 min |
| Flavor | śliwki węgierskie suszone | 88 g | Secondary | 7 day(s) |
| Flavor | słodka skórka z pomarańczy | 19 g | Secondary | 7 day(s) |