

Dry Stout ver 3.0

- Gravity **11.7 BLG**
- ABV **4.7 %**
- IBU **36**
- SRM **31.4**
- Style **Dry Stout**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **14.4 liter(s)**
- Total mash volume **19.2 liter(s)**

Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **14.4 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **15.7 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt | 3.5 kg (72.9%) | 80 % | 5 |
| Grain | Fawcett - Pale Chocolate | 0.25 kg (5.2%) | 71 % | 600 |
| Grain | Fawcett - Pszeniczny Czekoladowy | 0.2 kg (4.2%) | 73 % | 1001 |
| Grain | Jęczmień palony | 0.25 kg (5.2%) | 55 % | 985 |
| Grain | Barley, Flaked | 0.6 kg (12.5%) | 70 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | Fuggles | 50 g | 30 min | 5.9 % |
| Boil | East Kent Goldings | 20 g | 60 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------|------|--------|--------|-------------|
| Wyeast - Irish Ale | Ale | Liquid | 11 ml | Wyeast Labs |

Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

| | | | | |
|--------|----------------|------|------|--------|
| Fining | mech irlandzki | 10 g | Boil | 15 min |
|--------|----------------|------|------|--------|

Notes

- Mech irlandzki zalać szklanką ciepłej wody przed wrzuceniem!
Słody ciemne na 72
Mar 10, 2018, 10:29 AM