

Drop (Porter Bałtycki)

- Gravity **21.1 BLG**
- ABV **9.4 %**
- IBU **26**
- SRM **32.5**
- Style **Baltic Porter**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **19 liter(s)**

Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **45 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **45 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **9 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|----------------------------------|----------------|-------|-----|
| Grain | Weyermann - Light Munich Malt | 2 kg (29.9%) | 82 % | 14 |
| Grain | Weyermann - Vienna Malt | 2 kg (29.9%) | 81 % | 8 |
| Liquid Extract | Bruntal | 1.7 kg (25.4%) | 81 % | 26 |
| Grain | Caraaroma | 0.5 kg (7.5%) | 78 % | 400 |
| Grain | Słód Caramunich Typ II Weyermann | 0.25 kg (3.7%) | 73 % | 120 |
| Grain | Carafa | 0.25 kg (3.7%) | 70 % | 664 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil | Equinox | 15 g | 60 min | 13.1 % |
| Aroma (end of boil) | Equinox | 8 g | 10 min | 13.1 % |
| Aroma (end of boil) | Equinox | 7 g | 5 min | 13.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|-------------|-----|-----|------|--------|
| Safale S-04 | Ale | Dry | 20 g | Safale |
|-------------|-----|-----|------|--------|

Extras

| Type | Name | Amount | Use for | Time |
|--------|-------------------------|--------|-----------|----------|
| Flavor | Płatki dębowe waniliowe | 20 g | Secondary | 7 day(s) |

Notes

- Za dużo płatków. Piwo ściągające.
Apr 24, 2019, 12:05 PM