

Barleywine

- Gravity **30.8 BLG**
- ABV **15.4 %**
- IBU **36**
- SRM **13.2**
- Style **English Barleywine**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.6 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **15.1 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **14.3 liter(s)**
- Total mash volume **21.4 liter(s)**

Steps

- Temp **65 C**, Time **50 min**
- Temp **75 C**, Time **30 min**

Mash step by step

- Heat up **14.3 liter(s)** of strike water to **76.2C**
- Add grains
- Keep mash **50 min** at **65C**
- Keep mash **30 min** at **75C**
- Sparge using **7.9 liter(s)** of **76C** water or to achieve **15.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|--------|-----|
| Grain | Viking Pale Ale malt | 2.5 kg (35%) | 80 % | 5 |
| Grain | Viking Pilsner malt | 1.5 kg (21%) | 82 % | 4 |
| Grain | Pszeniczny viking | 1 kg (14%) | 85 % | 5 |
| Grain | Strzegom Monachijski typ II | 1 kg (14%) | 79 % | 22 |
| Grain | Barley, Flaked | 0.4 kg (5.6%) | 70 % | 4 |
| Grain | Aroma CastleMalting | 0.25 kg (3.5%) | 78 % | 100 |
| Grain | Cara Ruby Castle | 0.25 kg (3.5%) | 72 % | 50 |
| Grain | Rye, Flaked | 0.24 kg (3.4%) | 78.3 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | Fuggles | 15 g | 60 min | 5.9 % |
| Boil | Fuggles | 15 g | 60 min | 4.3 % |
| Boil | East Kent Goldings | 40 g | 60 min | 5.4 % |
| Boil | East Kent Goldings | 10 g | 5 min | 5.4 % |

Yeasts

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

| | | | | |
|-------------|-----|-------|--------|-----|
| Safale S-04 | Ale | Slant | 200 ml | --- |
|-------------|-----|-------|--------|-----|

Extras

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