

#079 Foreign Extra Stout

- Gravity **16.4 BLG**
- ABV **6.9 %**
- IBU **53**
- SRM **44.7**
- Style **Foreign Extra Stout**

Batch size

- Expected quantity of finished beer **18 liter(s)**
- Trub loss **13 %**
- Size with trub loss **20.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **24.5 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3.3 liter(s) / kg**
- Mash size **23.1 liter(s)**
- Total mash volume **30.1 liter(s)**

Steps

- Temp **63 C**, Time **70 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **23.1 liter(s)** of strike water to **69.5C**
- Add grains
- Keep mash **70 min** at **63C**
- Keep mash **10 min** at **78C**
- Sparge using **8.4 liter(s)** of **76C** water or to achieve **24.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------------|-----------------|-------|-----|
| Grain | Viking Pilsner malt | 5.1 kg (72.9%) | 82 % | 4 |
| Grain | płatki jęczmienne | 0.75 kg (10.7%) | 60 % | 4 |
| Grain | Jęczmień palony | 0.75 kg (10.7%) | 55 % | 985 |
| Grain | Fawcett - Pale Chocolate | 0.4 kg (5.7%) | 71 % | 600 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | lunga | 40 g | 60 min | 11 % |
| Boil | East Kent Goldings | 25 g | 20 min | 6.8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 600 ml | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------------|--------|---------|------|
| Water Agent | węglan wapnia (CaCO3) | 5 g | Mash | --- |

| | | | | |
|-------------|---------------------------------------|-----|------|-----|
| Water Agent | węglan wapnia (CaCO ₃) | 4 g | Mash | --- |
|-------------|---------------------------------------|-----|------|-----|

Notes

- lunga w szyszce. Zamiast 40 g granulatu wsypałem 50 g szyszki.
Sep 7, 2024, 11:25 AM