

Peated Scottish Ale - BIAB

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **38**
- SRM **21.5**

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 **75 %**
- Liquor-to-grist ratio **4.89 liter(s) / kg**
- Mash size **22 liter(s)**
- Total mash volume **26.5 liter(s)**

Steps

- Temp **52 C**, Time **15 min**
- Temp **65 C**, Time **60 min**
- Temp **72 C**, Time **20 min**
- Temp **77 C**, Time **5 min**

Mash step by step

- Heat up **22 liter(s)** of strike water to **55.3C**
- Add grains
- Keep mash **15 min** at **52C**
- Keep mash **60 min** at **65C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **77C**
- Sparge using **1.5 liter(s)** of **76C** water or to achieve **19 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------------|----------------|-------|-----|
| Grain | Viking Malt Wędzony Czereśnią | 2 kg (44.4%) | 82 % | 10 |
| Grain | Peat Smoked Malt | 1 kg (22.2%) | 74 % | 4 |
| Grain | BESTMALZ - Best Melanoidin | 1 kg (22.2%) | 75 % | 40 |
| Grain | Red Crystal | 0.5 kg (11.1%) | --- % | 400 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil | East Kent Goldings | 50 g | 40 min | 5.1 % |
| Boil | Bramling | 20 g | 10 min | 6 % |
| Boil | Bramling | 10 g | 5 min | 6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------------|------|------|--------|------------|
| Danstar - Windsor Ale | Ale | Dry | 11 g | Danstar |

Extras

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

| Type | Name | Amount | Use for | Time |
|--------|-------------------------------|--------|-----------|----------|
| Flavor | Płatki Dębowe Mocno Palone | 30 g | Secondary | 5 day(s) |