

Wee Heavy

- Gravity **25.3 BLG**
- ABV **11.8 %**
- IBU **54**
- SRM **17.4**
- Style **Strong Scotch Ale**

Batch size

- Expected quantity of finished beer **17 liter(s)**
- Trub loss **5 %**
- Size with trub loss **17.9 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **22.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **22.5 liter(s)**
- Total mash volume **31.5 liter(s)**

Steps

- Temp **57 C**, Time **10 min**
- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **30 min**

Mash step by step

- Heat up **22.5 liter(s)** of strike water to **64.4C**
- Add grains
- Keep mash **10 min** at **57C**
- Keep mash **60 min** at **64C**
- Keep mash **30 min** at **72C**
- Sparge using **9 liter(s)** of **76C** water or to achieve **22.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|--------------------|----------------|-------|------|
| Grain | Pale Ale Best | 6.5 kg (72.2%) | 80 % | 6 |
| Grain | Peated Malt | 1.5 kg (16.7%) | 81 % | 5 |
| Grain | Caraamber | 0.3 kg (3.3%) | 75 % | 60 |
| Grain | Caramunich II Best | 0.3 kg (3.3%) | 73 % | 120 |
| Grain | Carapils Best | 0.3 kg (3.3%) | 75 % | 5 |
| Grain | Carafa II Best | 0.1 kg (1.1%) | 65 % | 1100 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|--------|------------|
| Boil | Herkules | 20 g | 60 min | 18 % |
| Boil | Northern Brewer | 20 g | 60 min | 9.2 % |
| Boil | Tettnang | 20 g | 15 min | 5 % |
| Boil | East Kent Goldings | 20 g | 15 min | 5 % |
| Aroma (end of boil) | Fuggles | 20 g | 15 min | 2.4 % |
| Aroma (end of boil) | East Kent Goldings | 20 g | 5 min | 5 % |
| Aroma (end of boil) | Fuggles | 20 g | 5 min | 2.4 % |

Yeasts

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

| Name | Type | Form | Amount | Laboratory |
|-----------------------|-------------|-------------|---------------|-------------------|
| Wyeast - Scottish Ale | Ale | Liquid | 2000 ml | Wyeast Labs |