

Dry Stout #4

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **36**
- SRM **30.4**
- Style **Dry Stout**

Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.9 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **30 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.6 liter(s)**
- Total mash volume **22.2 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **16.6 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **19 liter(s)** of **76C** water or to achieve **30 liter(s)** of wort

Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	5 kg (90.1%)	85 %	7
Grain	Weyermann - Chocolate Wheat	0.55 kg (9.9%)	74 %	1150

Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Simcoe	25 g	60 min	13.2 %
Aroma (end of boil)	East Kent Goldings	25 g	10 min	5.1 %

Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 1084 Irish Ale	Ale	Slant	200 ml	Wyeast Labs