

## Dry Stout #5

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **33**
- SRM **33.7**
- Style **Dry Stout**

### Batch size

- Expected quantity of finished beer **22.5 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.6 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **29.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **21 liter(s)**

### Steps

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

### Mash step by step

- Heat up **15.8 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **19.3 liter(s)** of **76C** water or to achieve **29.8 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Weyermann - Pale Ale Malt	4.5 kg (85.7%)	85 %	7
Grain	Jęczmień palony	0.75 kg (14.3%)	55 %	985

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Sorachi Ace	25 g	60 min	13.3 %
Aroma (end of boil)	East Kent Goldings	30 g	0 min	5.1 %

### Yeasts

Name	Type	Form	Amount	Laboratory
Wyeast - 1318 London Ale III	Ale	Slant	200 ml	Wyeast Labs