

## #8 Oatmeal Whiskey Dry Stout

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **46**
- SRM **40.6**
- Style **Dry Stout**

### Batch size

- Expected quantity of finished beer **23 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **23.4 liter(s)**
- Total mash volume **29.3 liter(s)**

### Steps

- Temp **67 C**, Time **80 min**
- Temp **71 C**, Time **10 min**
- Temp **78 C**, Time **10 min**

### Mash step by step

- Heat up **23.4 liter(s)** of strike water to **72.9C**
- Add grains
- Keep mash **80 min** at **67C**
- Keep mash **10 min** at **71C**
- Keep mash **10 min** at **78C**
- Sparge using **11.5 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

### Fermentables

| Type              | Name                       | Amount         | Yield | EBC  |
|-------------------|----------------------------|----------------|-------|------|
| Grain             | Simpsons - Maris Otter     | 3.5 kg (59.8%) | 81 %  | 6    |
| Grain             | Strzegom Monachijski typ I | 1 kg (17.1%)   | 79 %  | 16   |
| Grain             | Płatki owsiane             | 0.5 kg (8.5%)  | 85 %  | 3    |
| Grain             | Strzegom Barwiący          | 0.5 kg (8.5%)  | 68 %  | 1300 |
| Dodane na wygrzew |                            |                |       |      |
| Grain             | Jęczmień palony            | 0.35 kg (6%)   | 55 %  | 985  |
| Dodane na wygrzew |                            |                |       |      |

### Hops

| Use for | Name     | Amount | Time   | Alpha acid |
|---------|----------|--------|--------|------------|
| Boil    | Magnum   | 25 g   | 60 min | 13.5 %     |
| Boil    | Amarillo | 30 g   | 15 min | 9.5 %      |

### Yeasts

| Name        | Type | Form  | Amount | Laboratory |
|-------------|------|-------|--------|------------|
| Safale S-04 | Ale  | Slant | 60 ml  | ---        |

## Extras

| Type  | Name                            | Amount | Use for | Time     |
|-------|---------------------------------|--------|---------|----------|
| Spice | płatki dębowe<br>średnio palone | 30 g   | Primary | 0 day(s) |