

## #7 Russian Imperial Stout

- Gravity **23.8 BLG**
- ABV ---
- IBU **95**
- SRM **79.6**
- Style **Russian Imperial Stout**

### Batch size

- Expected quantity of finished beer **11.5 liter(s)**
- Trub loss **15 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **80 min**
- Evaporation rate **1 %/h**
- Boil size **14.6 liter(s)**

### Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **2 liter(s) / kg**
- Mash size **14.5 liter(s)**
- Total mash volume **21.8 liter(s)**

### Steps

- Temp **66 C**, Time **90 min**
- Temp **78 C**, Time **1 min**

### Mash step by step

- Heat up **14.5 liter(s)** of strike water to **77.5C**
- Add grains
- Keep mash **90 min** at **66C**
- Keep mash **1 min** at **78C**
- Sparge using **7.4 liter(s)** of **76C** water or to achieve **14.6 liter(s)** of wort

### Fermentables

| Type  | Name                         | Amount         | Yield | EBC |
|-------|------------------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt         | 3.3 kg (45.5%) | 80 %  | 3   |
| Grain | Strzegom Monachijski typ I   | 1.5 kg (20.7%) | 79 %  | 16  |
| Grain | Chocolate Malt (UK)          | 0.5 kg (6.9%)  | 73 %  | 887 |
| Grain | Wheat, Flaked                | 0.4 kg (5.5%)  | 77 %  | 4   |
| Grain | Barley, Flaked               | 0.4 kg (5.5%)  | 70 %  | 4   |
| Grain | Oats, Flaked                 | 0.4 kg (5.5%)  | 80 %  | 2   |
| Grain | Caraaroma                    | 0.3 kg (4.1%)  | 78 %  | 400 |
| Grain | Fawcett - Pale Chocolate     | 0.3 kg (4.1%)  | 71 %  | 600 |
| Grain | Coffie Malt - Castle Malting | 0.15 kg (2.1%) | 74 %  | 500 |

### Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Magnum  | 50 g   | 60 min | 13.5 %     |
| Boil    | Marynka | 10 g   | 60 min | 10 %       |

### Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                     |     |       |        |             |
|---------------------|-----|-------|--------|-------------|
| Wyeast - London Ale | Ale | Slant | 150 ml | Wyeast Labs |
|---------------------|-----|-------|--------|-------------|