

# Kurka Wodna - Russian Imperial Stout

- Gravity **29.1 BLG**
- ABV **14.3 %**
- IBU **62**
- SRM **79.6**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **120 min**
- Evaporation rate **15 %/h**
- Boil size **15.6 liter(s)**

## Mash information

- Mash efficiency **60 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **16.3 liter(s)**
- Total mash volume **22.8 liter(s)**

## Steps

- Temp **65 C**, Time **60 min**

## Mash step by step

- Heat up **16.3 liter(s)** of strike water to **74C**
- Add grains
- Keep mash **60 min** at **65C**
- Sparge using **5.8 liter(s)** of **76C** water or to achieve **15.6 liter(s)** of wort

## Fermentables

| Type        | Name   | Amount        | Yield | EBC |
|-------------|--|---------------|-------|-----|
| Grain       | Weyermann - Vienna Malt                      | 1 kg (13.3%)  | 81 %  | 8   |
| Grain       | Monachijski typ II<br>20-25 EBC<br>Weyermann | 1 kg (13.3%)  | 80 %  | 20  |
| Grain       | Weyermann Specjal W                          | 1 kg (13.3%)  | 68 %  | 300 |
| Grain       | Grodziski pszeniczny wędzony dębem           | 1 kg (13.3%)  | 80 %  | 3   |
| Grain       | Żytni  | 1 kg (13.3%)  | 85 %  | 8   |
| Dry Extract | Muntons DME - Amber                          | 1 kg (13.3%)  | 95 %  | 26  |
| Grain       | Oats, Flaked                                 | 0.5 kg (6.7%) | 80 %  | 2   |
| Grain       | Weyermann - Chocolate Wheat                  | 0.5 kg (6.7%) | 40 %  | 788 |
| Grain       | Jęczmień palony                              | 0.5 kg (6.7%) | 10 %  | 985 |

## Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | Magnat | 30 g   | 60 min | 11.2 %     |
| Boil    | Simcoe | 30 g   | 20 min | 13.2 %     |

## Yeasts

| Name                                     | Type | Form  | Amount | Laboratory      |
|--|------|-------|--------|-----------------|
| Mangrove Jack's M42 New World Strong Ale | Ale  | Slant | 200 ml | Mangrove Jack's |

## Extras

| Type  | Name   | Amount | Use for   | Time      |
|-------|--|--------|-----------|-----------|
| Spice | Tonkowiec wonny                              | 5 g    | Secondary | 7 day(s)  |
| Other | Płatki dębowe macerowane w albańskiej brandy | 25 g   | Secondary | 14 day(s) |