

# Chucking RIS 1

- Gravity **29.6 BLG**
- ABV **14.5 %**
- IBU **59**
- SRM **76**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **32.4 liter(s)**
- Total mash volume **43.2 liter(s)**

## Fermentables

| Type           | Name                            | Amount         | Yield  | EBC |
|----------------|---------------------------------|----------------|--------|-----|
| Grain          | Viking Pale Ale malt            | 7 kg (55.6%)   | 80 %   | 5   |
| Grain          | Chocolate Malt (UK)             | 0.8 kg (6.3%)  | 73 %   | 887 |
| Grain          | Weyermann - Carafa I            | 0.8 kg (6.3%)  | 70 %   | 690 |
| Grain          | Strzegom Karmel 300             | 0.8 kg (6.3%)  | 70 %   | 299 |
| Grain          | Castle Malting Whisky Nature    | 0.8 kg (6.3%)  | 85 %   | 4   |
| Grain          | Płatki owsiane                  | 0.6 kg (4.8%)  | 85 %   | 3   |
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.5 kg (11.9%) | 90 %   | 621 |
| Sugar          | Milk Sugar (Lactose)            | 0.3 kg (2.4%)  | 76.1 % | 0   |

## Hops

| Use for | Name   | Amount | Time   | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil    | Magnum | 70 g   | 95 min | 15.5 %     |

## Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 20 g   | Safale     |

## Extras

| Type   | Name                    | Amount | Use for   | Time      |
|--------|-------------------------|--------|-----------|-----------|
| Flavor | Płatki dębowe chocolate | 35 g   | Secondary | 30 day(s) |
| Flavor | Laski wanilii           | 15 g   | Secondary | 30 day(s) |

## Notes

- Burzliwa 3tyg

Cicha 2 miesiące w szklanym balonie  
*Jul 18, 2019, 10:25 PM*