

# Ris Homebeer

- Gravity **25.9 BLG**
- ABV **12.2 %**
- IBU **108**
- SRM **81**
- Style **Russian Imperial Stout**

## Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **19.9 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

## Fermentables

| Type           | Name                            | Amount         | Yield  | EBC  |
|----------------|---------------------------------|----------------|--------|------|
| Grain          | Strzegom Pale Ale               | 3 kg (41.6%)   | 79 %   | 6    |
| Grain          | Strzegom Monachijski typ II     | 1 kg (13.9%)   | 79 %   | 22   |
| Grain          | Strzegom Czekoladowy ciemny     | 0.25 kg (3.5%) | 68 %   | 1200 |
| Grain          | Strzegom Czekoladowy jasny      | 0.15 kg (2.1%) | 68 %   | 400  |
| Grain          | Jęczmień palony                 | 0.25 kg (3.5%) | 55 %   | 985  |
| Grain          | Strzegom Karmel 300             | 0.2 kg (2.8%)  | 70 %   | 299  |
| Grain          | Żytni                           | 0.26 kg (3.6%) | 85 %   | 8    |
| Grain          | Castle Cafe                     | 0.2 kg (2.8%)  | 75.5 % | 480  |
| Grain          | Płatki owsiane                  | 0.2 kg (2.8%)  | 85 %   | 3    |
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.7 kg (23.6%) | 90 %   | 621  |

## Hops

| Use for | Name            | Amount | Time   | Alpha acid |
|---------|-----------------|--------|--------|------------|
| Boil    | Styrian Golding | 30 g   | 30 min | 3.6 %      |
| Boil    | Styrian Golding | 30 g   | 60 min | 3.6 %      |
| Boil    | Marynka         | 100 g  | 90 min | 10 %       |

## Yeasts

| Name                 | Type | Form | Amount | Laboratory |
|----------------------|------|------|--------|------------|
| Danstar - Nottingham | Ale  | Dry  | 11 g   | Danstar    |