

Urodzinowe- ciemne

- Gravity **20 BLG**
- ABV **8.8 %**
- IBU **40**
- SRM **50.6**
- Style **Sweet Stout**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **8 %**
- Size with trub loss **14 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **19.1 liter(s)**

Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.7 liter(s) / kg**
- Mash size **21.8 liter(s)**
- Total mash volume **27.7 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **21.8 liter(s)** of strike water to **74.5C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **20 min** at **72C**
- Sparge using **3.2 liter(s)** of **76C** water or to achieve **19.1 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|---------------|--------|------|
| Grain | Strzegom Monachijski typ II | 2 kg (31.2%) | 79 % | 22 |
| Grain | Viking Pale Ale malt | 2 kg (31.2%) | 80 % | 5 |
| Grain | płatki jęczmienne | 0.4 kg (6.2%) | 60 % | 4 |
| Grain | Castle Cafe | 0.5 kg (7.8%) | 75.5 % | 480 |
| Grain | Strzegom Karmel 600 | 0.2 kg (3.1%) | 68 % | 601 |
| Grain | Jęczmień palony | 0.2 kg (3.1%) | 55 % | 985 |
| Sugar | Milk Sugar (Lactose) | 0.5 kg (7.8%) | 76.1 % | 0 |
| Grain | Carafa III | 0.2 kg (3.1%) | 70 % | 1400 |
| Grain | Płatki owsiane | 0.4 kg (6.2%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|--------|------------|
| Boil | Magnum | 30 g | 40 min | 13.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale | Dry | 11.5 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|--------|----------------------------------|--------|----------|-------|
| Flavor | Kawa- zaparzona do refermentacji | 150 g | Bottling | 0 min |

Notes

- Wyszło bardzo dobre, słodkie, treściwe, piana średnia -> słaba
Mar 28, 2024, 4:27 PM