

## Chocoholic v2

---

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **29**
- SRM **36.6**
- Style **Sweet Stout**

### Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

### Mash information

- Mash efficiency **77 %**
- Liquor-to-grist ratio **5 liter(s) / kg**
- Mash size **34.1 liter(s)**
- Total mash volume **40.9 liter(s)**

### Steps

- Temp **66 C**, Time **100 min**
- Temp **76 C**, Time **10 min**

### Mash step by step

- Heat up **34.1 liter(s)** of strike water to **70.6C**
- Add grains
- Keep mash **100 min** at **66C**
- Keep mash **10 min** at **76C**
- Sparge using **4.4 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount         | Yield  | EBC  |
|-------|-----------------------------|----------------|--------|------|
| Grain | Strzegom Pale Ale           | 4 kg (54.6%)   | 79 %   | 6    |
| Grain | Oats, Flaked                | 1 kg (13.7%)   | 80 %   | 2    |
| Grain | Rye, Flaked                 | 0.5 kg (6.8%)  | 78.3 % | 4    |
| Grain | Caraaroma                   | 0.5 kg (6.8%)  | 78 %   | 400  |
| Grain | Strzegom Czekoladowy ciemny | 0.32 kg (4.4%) | 68 %   | 1200 |
| Grain | Fawcett - Brown             | 0.27 kg (3.7%) | 72 %   | 180  |
| Grain | Strzegom pszenica prażona   | 0.13 kg (1.8%) | 70 %   | 1600 |
| Grain | Jęczmień palony             | 0.1 kg (1.4%)  | 55 %   | 985  |
| Sugar | Milk Sugar (Lactose)        | 0.5 kg (6.8%)  | 76.1 % | 0    |

### Hops

| Use for    | Name                   | Amount | Time   | Alpha acid |
|------------|------------------------|--------|--------|------------|
| First Wort | Columbus/Tomahawk/Zeus | 15 g   | 80 min | 16.8 %     |
| Boil       | Simcoe                 | 5 g    | 60 min | 13.3 %     |

### Yeasts

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

|                         |     |       |        |     |
|-------------------------|-----|-------|--------|-----|
| FM52 Amerykański<br>Sen | Ale | Slant | 250 ml | --- |
|-------------------------|-----|-------|--------|-----|

## Notes

- XXC2MH2  
*Aug 2, 2017, 5:33 PM*