

#41 Cold War (American-Russian Imperial Stout)

- Gravity **30.8 BLG**
- ABV **15.4 %**
- IBU **82**
- SRM **50.6**
- Style **Russian Imperial Stout**

Batch size

- Expected quantity of finished beer **12 liter(s)**
- Trub loss **5 %**
- Size with trub loss **12.6 liter(s)**
- Boil time **120 min**
- Evaporation rate **10 %/h**
- Boil size **16.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.6 liter(s)**
- Total mash volume **27.5 liter(s)**

Steps

- Temp **68 C**, Time **90 min**
- Temp **78 C**, Time **15 min**

Mash step by step

- Heat up **20.6 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **15 min** at **78C**
- Sparge using **2.9 liter(s)** of **76C** water or to achieve **16.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt | 3 kg (41.3%) | 80 % | 5 |
| Grain | Pszeniczny | 1 kg (13.8%) | 85 % | 4 |
| Grain | Żytni | 1 kg (13.8%) | 85 % | 8 |
| Grain | Płatki owsiane | 0.5 kg (6.9%) | 85 % | 3 |
| Grain | Monachijski Ciemny Steinbach | 0.5 kg (6.9%) | 100 % | 30 |
| Grain | Strzegom Czekoladowy ciemny | 0.25 kg (3.4%) | 68 % | 1200 |
| Grain | Strzegom pszenica prażona | 0.25 kg (3.4%) | 70 % | 1000 |
| Grain | Strzegom Czekoladowy jasny | 0.37 kg (5.1%) | 68 % | 400 |
| Sugar | cukier biały | 0.4 kg (5.5%) | 100 % | 0 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 50 g | 60 min | 15.8 % |
| Boil | East Kent Goldings | 20 g | 30 min | 6.8 % |
| Aroma (end of boil) | East Kent Goldings | 20 g | 10 min | 6.8 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|-------|--------|------------|
| us-05 | Ale | Slant | 100 ml | Safale |

Notes

- Z wód wysłodkowych jeszcze jakiś Stout wyjdzie ;)
May 25, 2021, 2:14 PM