

IPA z earl grey

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **40**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- 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 | Viking Pale Ale malt | 5 kg (90.9%) | 80 % | 5 |
| Grain | Pszeniczny | 0.5 kg (9.1%) | 85 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------------|--------|----------|------------|
| Boil | Columbus/Tomahawk/Zeus | 20 g | 50 min | 16.8 % |
| Whirlpool | Cascade | 50 g | 15 min | 6.9 % |
| Dry Hop | Cascade | 100 g | 2 day(s) | 6.9 % |

Extras

| Type | Name | Amount | Use for | Time |
|-------|-----------|--------|-----------|----------|
| Spice | earl grey | 50 g | Secondary | 1 day(s) |