

Best bitter bitwy 1

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **33**
- SRM **10.2**
- Style **Special/Best/Premium Bitter**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **20.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 3 kg (66.7%) | 85 % | 7 |
| Grain | Caramunich® typ I | 0.5 kg (11.1%) | 73 % | 80 |
| Grain | Caraamber | 0.5 kg (11.1%) | 75 % | 65 |
| Grain | Weyermann - Melanoiden Malt | 0.5 kg (11.1%) | 81 % | 65 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|--------------------|--------|--------|------------|
| Boil | East Kent Goldings | 40 g | 60 min | 5.1 % |
| Boil | Fuggles | 25 g | 30 min | 4.5 % |
| Aroma (end of boil) | Citra | 15 g | 3 min | 12 % |

Yeasts

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