

Black IPA

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **80**
- SRM **49.8**
- Style **Black IPA**

Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **2 %**
- Size with trub loss **20.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **5 %/h**
- Boil size **23.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|----------------|-------|-----|
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.7 kg (33.3%) | 90 % | 621 |
| Liquid Extract | Bruntal Pale Ale | 3.4 kg (66.7%) | 80 % | 35 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|-----------|------------|
| Boil | Simcoe | 50 g | 60 min | 13.3 % |
| Boil | Citra | 14 g | 30 min | 14.2 % |
| Boil | Cascade | 21 g | 10 min | 7.1 % |
| Dry Hop | Mosaic | 50 g | 10 day(s) | 11.1 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 10 g | Fermentis |