

[M] Black IPA z malinami 1.10.2022

- Gravity **13.8 BLG**
- ABV **5.7 %**
- IBU **35**
- SRM **23.4**
- Style **Black IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|--------------------------------|-------------|-------|-----|
| Liquid Extract | Bruntal ekstrakt słodowy jasny | 4 kg (93%) | 80 % | 26 |
| Grain | Jęczmień palony | 0.3 kg (7%) | 55 % | 985 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|--------|--------|-----------|------------|
| Boil | Citra | 30 g | 30 min | 11.8 % |
| Boil | Simcoe | 15 g | 10 min | 12.3 % |
| Dry Hop | Citra | 50 g | 10 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11 g | --- |

Extras

| Type | Name | Amount | Use for | Time |
|--------|--------|--------|---------|-------|
| Flavor | Maliny | 200 g | Boil | 5 min |