

[E,D] Black IPA z pomarańczami i jaśminem

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **120**
- SRM **46.9**
- Style **Black IPA**

Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|----------------|---------------------------------|---------------|-------|-----|
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 0.85 kg (50%) | 90 % | 621 |
| Liquid Extract | Bruntal Pale Ale | 0.85 kg (50%) | 80 % | 35 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | CTZ | 15 g | 30 min | 14.4 % |
| Boil | Ekuanot | 15 g | 57 min | 12.8 % |
| Boil | Simcoe | 15 g | 57 min | 12.4 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------|------|------|--------|------------|
| US-05 | Ale | Dry | 6 g | --- |

Extras

| Type | Name | Amount | Use for | Time |
|-------|---------------------------|--------|---------|--------|
| Spice | Suszona skórka Curacao | 10 g | Boil | 50 min |
| Spice | Suszona skórka pomarańczy | 10 g | Boil | 50 min |