

# Szwagier, Sąsiad i Ja #1- Brown IPA - Browar na Wyżynie

- Gravity **18 BLG**
- ABV **7.7 %**
- IBU **85**
- SRM **52.5**
- Style **Black IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **0 %**
- Size with trub loss **20 liter(s)**
- Boil time **60 min**
- Evaporation rate **1 %/h**
- Boil size **20.2 liter(s)**

## Fermentables

| Type           | Name                            | Amount         | Yield | EBC |
|----------------|---------------------------------|----------------|-------|-----|
| Liquid Extract | Bruntal                         | 3.4 kg (66.7%) | 75 %  | 26  |
| Liquid Extract | ekstrakt słodowy ciemny Bruntal | 1.7 kg (33.3%) | 75 %  | 620 |

## Hops

| Use for   | Name   | Amount | Time   | Alpha acid |
|-----------|--------|--------|--------|------------|
| Boil      | Magnat | 25 g   | 60 min | 13.6 %     |
| Boil      | Magnat | 25 g   | 30 min | 13.6 %     |
| Boil      | Mosaic | 25 g   | 30 min | 11.7 %     |
| Whirlpool | Mosaic | 25 g   | 0 min  | 11.7 %     |

## Yeasts

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

## Notes

- 9,50 zł Drożdże do piwa domowego Fermentis Safale S-04
  - 5,00 zł Chmiel Magnat - granulát, Opakowanie: 50g
  - 11,00 zł Chmiel Mosaic - granulát, Opakowanie: 50g
  - 39,00 zł Bruntal Jasny ekstrakt słodowy 3,4kg
  - 29,00 zł Bruntal Ciemny ekstrakt słodowy 1,7kg
  - 93,50 zł
  - 2,33 zł piwko
- Jan 15, 2017, 12:25 PM