

OWSIANA RED IPA

- Gravity **15.2 BLG**
- ABV ---
- IBU **63**
- SRM **14.9**
- Style **Red IPA**

Batch size

- Expected quantity of finished beer **21 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **22 %/h**
- Boil size **29.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.4 liter(s)**
- Total mash volume **25.9 liter(s)**

Steps

- Temp **68 C**, Time **60 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **19.4 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **10 min** at **76C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **29.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt | 4.2 kg (64.9%) | 80 % | 5 |
| Grain | Płatki owsiane | 0.7 kg (10.8%) | 85 % | 3 |
| Grain | Monachijski | 0.5 kg (7.7%) | 80 % | 16 |
| Grain | Weyermann - Carapils | 0.5 kg (7.7%) | 78 % | 4 |
| Grain | Pszeniczny | 0.4 kg (6.2%) | 85 % | 4 |
| Grain | Carafa III | 0.17 kg (2.6%) | 1 % | 1034 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|----------|------------|
| Boil | Chinook | 35 g | 60 min | 13 % |
| Boil | Cascade | 20 g | 15 min | 6 % |
| Boil | Citra | 20 g | 10 min | 12 % |
| Boil | Simcoe | 25 g | 5 min | 13.2 % |
| Dry Hop | Chinook | 15 g | 7 day(s) | 13 % |
| Dry Hop | Citra | 30 g | 7 day(s) | 12 % |
| Dry Hop | Cascade | 30 g | 7 day(s) | 6 % |
| Dry Hop | Simcoe | 25 g | 7 day(s) | 13.2 % |

Yeasts

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

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|--------|---------|--------|
| Fining | mech irlandzki | 5 g | Boil | 15 min |
| Water Agent | GIPS | 4 g | Mash | 60 min |