

# Warka 6 Earl Grey Red IPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **77**
- SRM **12.4**
- Style **Red IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

## Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16 liter(s)**
- Total mash volume **21.4 liter(s)**

## Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **16 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **5 min** at **78C**
- Sparge using **15.8 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

## Fermentables

| Type  | Name                          | Amount         | Yield | EBC  |
|-------|-------------------------------|----------------|-------|------|
| Grain | Viking Pale Ale malt          | 5 kg (93.5%)   | 80 %  | 5    |
| Grain | Carafa III                    | 0.1 kg (1.9%)  | 70 %  | 1034 |
| Grain | Karmelowy Pszeniczny Strzegom | 0.25 kg (4.7%) | 79 %  | 130  |

## Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Iunga    | 40 g   | 60 min   | 11 %       |
| Boil                | Amarillo | 30 g   | 30 min   | 7.3 %      |
| Aroma (end of boil) | Amarillo | 25 g   | 15 min   | 7.3 %      |
| Dry Hop             | Amarillo | 60 g   | 7 day(s) | 7.3 %      |
| Aroma (end of boil) | Citra    | 15 g   | 15 min   | 12 %       |
| Dry Hop             | Citra    | 15 g   | 7 day(s) | 12 %       |

## Yeasts

| Name  | Type | Form  | Amount | Laboratory |
|-------|------|-------|--------|------------|
| US-05 | Ale  | Slant | 250 ml | ---        |

## Extras

| Type   | Name      | Amount | Use for   | Time |
|--------|-----------|--------|-----------|------|
| Flavor | Earl grey | 120 g  | Secondary | ---  |
| 36h    |           |        |           |      |

## Notes

- Możliwe że będzie zadana gęstwa  
*Jan 12, 2021, 4:25 AM*