

# Tasmanian Red Ale

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **35**
- SRM **11.4**
- Style **Red 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)**

## Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3.9 liter(s) / kg**
- Mash size **20 liter(s)**
- Total mash volume **25.1 liter(s)**

## Steps

- Temp **68 C**, Time **90 min**
- Temp **78 C**, Time **10 min**

## Mash step by step

- Heat up **20 liter(s)** of strike water to **74.2C**
- Add grains
- Keep mash **90 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **10.4 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 4.5 kg (87.7%) | 80 %  | 5   |
| Grain | Karmelowy Czerwony   | 0.4 kg (7.8%)  | 75 %  | 59  |
| Grain | Strzegom Karmel 300  | 0.2 kg (3.9%)  | 70 %  | 299 |
| Grain | Barwiący             | 0.03 kg (0.6%) | 55 %  | 985 |

## Hops

| Use for | Name    | Amount | Time   | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil    | Marynka | 5 g    | 60 min | 8.8 %      |
| Boil    | Topaz   | 7 g    | 60 min | 15.5 %     |
| Boil    | Topaz   | 15 g   | 10 min | 15.5 %     |
| Boil    | Topaz   | 18 g   | 5 min  | 15.5 %     |
| Boil    | Topaz   | 15 g   | 2 min  | 15.5 %     |

## Yeasts

| Name         | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale  | Dry  | 11.5 g | Fermentis  |

## Extras

Recipe has been printed via **BREWNESS.com** - a complex online solution for homebrewers to track brewing process easily.

| Type   | Name           | Amount | Use for | Time   |
|--------|----------------|--------|---------|--------|
| Fining | Mech Irlandzki | 4 g    | Boil    | 15 min |