

# Zauropod

- Gravity **18.7 BLG**
- ABV ---
- IBU **61**
- SRM **9.1**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **10 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.3 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.2 liter(s)**
- Total mash volume **26.9 liter(s)**

## Steps

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

## Mash step by step

- Heat up **20.2 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Sparge using **11.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                    | Amount         | Yield | EBC |
|-------|-------------------------|----------------|-------|-----|
| Grain | Simpsons - Maris Otter  | 6 kg (89.2%)   | 81 %  | 6   |
| Grain | Strzegom Wiedeński      | 0.3 kg (4.5%)  | 79 %  | 10  |
| Grain | Pszeniczny              | 0.3 kg (4.5%)  | 85 %  | 4   |
| Grain | Simpsons - Crystal Dark | 0.13 kg (1.9%) | 74 %  | 158 |

## Hops

| Use for             | Name     | Amount | Time     | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil                | Citra    | 50 g   | 60 min   | 12 %       |
| Aroma (end of boil) | Amarillo | 15 g   | 15 min   | 9.5 %      |
| Aroma (end of boil) | Cascade  | 20 g   | 0 min    | 6 %        |
| Dry Hop             | Amarillo | 10 g   | 7 day(s) | 9.5 %      |
| Dry Hop             | Cascade  | 10 g   | 7 day(s) | 6 %        |
| Dry Hop             | Cascade  | 15 g   | 3 day(s) | 6 %        |

## Yeasts

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

## Extras

| Type   | Name           | Amount | Use for | Time   |
|--------|----------------|--------|---------|--------|
| Fining | mech irlandzki | 5 g    | Boil    | 10 min |