

# White IPA

- Gravity **15 BLG**
- ABV **6.2 %**
- IBU **43**
- SRM **3.6**
- Style **American IPA**

## Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **0 %**
- Size with trub loss **27 liter(s)**
- Boil time **70 min**
- Evaporation rate **20 %/h**
- Boil size **36.6 liter(s)**

## Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **11.2 liter(s)**
- Total mash volume **14.9 liter(s)**

## Steps

- Temp **68 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

## Mash step by step

- Heat up **11.2 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Keep mash **5 min** at **78C**
- Sparge using **29.1 liter(s)** of **76C** water or to achieve **36.6 liter(s)** of wort

## Fermentables

| Type    | Name                  | Amount          | Yield | EBC |
|---------|-----------------------|-----------------|-------|-----|
| Grain   | Pilznieński           | 3 kg (44.5%)    | 80 %  | 4   |
| Adjunct | Pszenica niesłodowana | 3 kg (44.5%)    | 75 %  | 3   |
| Grain   | Zakwaszający          | 0.185 kg (2.7%) | 80 %  | 3   |
| Grain   | Słód owsiany Fawcett  | 0.55 kg (8.2%)  | 61 %  | 5   |

## Hops

| Use for   | Name       | Amount | Time     | Alpha acid |
|-----------|------------|--------|----------|------------|
| Boil      | Mosaic     | 20 g   | 70 min   | 12.3 %     |
| Whirlpool | Citra      | 30 g   | 15 min   | 12.9 %     |
| Whirlpool | Vic Secret | 30 g   | 15 min   | 15.6 %     |
| Whirlpool | Mosaic     | 30 g   | 15 min   | 12.3 %     |
| Dry Hop   | Mosaic     | 45 g   | 4 day(s) | 12.3 %     |
| Dry Hop   | Citra      | 45 g   | 4 day(s) | 12.9 %     |
| Dry Hop   | Vic Secret | 45 g   | 4 day(s) | 15.6 %     |

## Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

|                |     |        |       |     |
|----------------|-----|--------|-------|-----|
| WLP London Fog | Ale | Liquid | 50 ml | --- |
|----------------|-----|--------|-------|-----|