

# Blond ale dla dziewczyny do mieszania z sokiem

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **19**
- SRM **3.9**
- Style **Blonde Ale**

## Batch size

- Expected quantity of finished beer **36 liter(s)**
- Trub loss **5 %**
- Size with trub loss **37.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **45.5 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **28.5 liter(s)**
- Total mash volume **38 liter(s)**

## Steps

- Temp **62 C**, Time **60 min**
- Temp **72 C**, Time **30 min**

## Mash step by step

- Heat up **28.5 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **60 min** at **62C**
- Keep mash **30 min** at **72C**
- Sparge using **26.5 liter(s)** of **76C** water or to achieve **45.5 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 2.5 kg (26.3%) | 80 %  | 5   |
| Grain | Strzegom Pilzniejszy | 7 kg (73.7%)   | 80 %  | 4   |

## Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Marynka | 30 g   | 50 min | 10 %       |
| Aroma (end of boil) | Sybilla | 30 g   | 10 min | 3.5 %      |

## Yeasts

| Name                              | Type | Form  | Amount | Laboratory      |
|-----------------------------------|------|-------|--------|-----------------|
| Mangrove Jack's M44 US West Coast | Ale  | Slant | 100 ml | Mangrove Jack's |