

# Pszenica vital 2row

- Gravity **11.4 BLG**
- ABV **4.6 %**
- IBU **30**
- SRM **4.7**
- Style **Weizen/Weissbier**

## Batch size

- Expected quantity of finished beer **54 liter(s)**
- Trub loss **5 %**
- Size with trub loss **56.7 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **68.3 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **30.5 liter(s)**
- Total mash volume **42.7 liter(s)**

## Steps

- Temp **47 C**, Time **20 min**
- Temp **65 C**, Time **40 min**
- Temp **74 C**, Time **20 min**

## Mash step by step

- Heat up **30.5 liter(s)** of strike water to **52.4C**
- Add grains
- Keep mash **20 min** at **47C**
- Keep mash **40 min** at **65C**
- Keep mash **20 min** at **74C**
- Sparge using **50 liter(s)** of **76C** water or to achieve **68.3 liter(s)** of wort

## Fermentables

| Type  | Name                 | Amount         | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Pszeniczny           | 6.35 kg (52%)  | 85 %  | 4   |
| Grain | Pale Malt (2 Row) UK | 5.1 kg (41.8%) | 78 %  | 6   |
| Grain | Chateau melano       | 0.25 kg (2%)   | 54 %  | 80  |
| Grain | Carahell             | 0.5 kg (4.1%)  | 62 %  | 25  |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 25 g   | 60 min | 8 %        |
| Boil    | Vital             | 25 g   | 60 min | 12.7 %     |
| Boil    | Vital             | 15 g   | 20 min | 12.7 %     |
| Boil    | Mandarina Bavaria | 30 g   | 10 min | 7.7 %      |

## Yeasts

| Name          | Type  | Form | Amount | Laboratory |
|---------------|-------|------|--------|------------|
| Safbrew WB-06 | Wheat | Dry  | 600 g  | Fermentis  |

## Extras

| Type  | Name            | Amount | Use for | Time      |
|-------|-----------------|--------|---------|-----------|
| Spice | Kolendra ziarno | 25 g   | Primary | 10 day(s) |