

# Belgijskie Pale Ale

- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **27**
- SRM **6.4**
- Style **Belgian Pale Ale**

## Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **33.9 liter(s)**

## Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18 liter(s)**
- Total mash volume **23.2 liter(s)**

## Steps

- Temp **64 C**, Time **20 min**
- Temp **72 C**, Time **45 min**

## Mash step by step

- Heat up **18 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **20 min** at **64C**
- Keep mash **45 min** at **72C**
- Sparge using **21.1 liter(s)** of **76C** water or to achieve **33.9 liter(s)** of wort

## Fermentables

| Type  | Name                                   | Amount         | Yield | EBC |
|-------|--|----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt              | 3.2 kg (62.1%) | 85 %  | 6   |
| Grain | Monachijski typ II 20-25 EBC Weyermann | 1.3 kg (25.2%) | 80 %  | 20  |
| Grain | Abbey Malt Weyermann                   | 0.35 kg (6.8%) | 75 %  | 45  |
| Grain | Carabelge                              | 0.3 kg (5.8%)  | 80 %  | 45  |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | mosaic             | 35 g   | 55 min | 7.1 %      |
| Boil    | East Kent Goldings | 40 g   | 10 min | 5 %        |

## Yeasts

| Name                    | Type | Form   | Amount  | Laboratory |
|-------------------------|------|--------|---------|------------|
| FM26 Belgijskie Pagórki | Ale  | Liquid | 37.5 ml | ---        |

## Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |                |      |      |        |
|--------|----------------|------|------|--------|
| Fining | mech irlandzki | 10 g | Boil | 15 min |
|--------|----------------|------|------|--------|