

Belgian Blonde Ale

- Gravity **16.5 BLG**
- ABV ---
- IBU **22**
- SRM **6.7**
- Style **Belgian Blond Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **70 min**
- Evaporation rate **15 %/h**
- Boil size **28.2 liter(s)**

Mash information

- Mash efficiency **90 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **14.9 liter(s)**
- Total mash volume **19.1 liter(s)**

Steps

- Temp **54 C**, Time **20 min**
- Temp **62 C**, Time **20 min**
- Temp **68 C**, Time **50 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **14.9 liter(s)** of strike water to **58.8C**
- Add grains
- Keep mash **20 min** at **54C**
- Keep mash **20 min** at **62C**
- Keep mash **50 min** at **68C**
- Keep mash **30 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **17.6 liter(s)** of **76C** water or to achieve **28.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------------|------------------------------|----------------|--------|-----|
| Grain | Cara Blonde - Castle Malting | 0.5 kg (9.9%) | 78 % | 20 |
| Grain | Pilzński | 3.5 kg (69.3%) | 81 % | 4 |
| Grain | Biscuit Malt | 0.25 kg (5%) | 79 % | 45 |
| Sugar | Candi Sugar, Clear | 0.7 kg (13.9%) | 78.3 % | 2 |
| Dry Extract | WES ekstrakt słodowy jasny | 0.1 kg (2%) | 80 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------------------|--------|--------|------------|
| Boil | Hallertau Tradition | 25 g | 70 min | 5.4 % |
| Boil | Marynka | 10 g | 20 min | 10.5 % |
| Boil | Lublin (Lubelski) | 10 g | 5 min | 4 % |

Yeasts

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

| | | | | |
|--------------------------|-----|--------|-------|---------------|
| Northeastern Abbey Yeast | Ale | Liquid | 60 ml | The Yeast Bay |
|--------------------------|-----|--------|-------|---------------|

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-----------------|--------|---------|--------|
| Fining | mech irlandzki | 5 g | Boil | 15 min |
| Water Agent | Gips Piwowarski | 10 g | Mash | --- |