

## #35 Belgian Quadrupel

- Gravity **24.2 BLG**
- ABV **11.2 %**
- IBU **28**
- SRM **25.2**
- Style **Belgian Dark Strong Ale**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **90 min**
- Evaporation rate **10 %/h**
- Boil size **26.4 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **26.4 liter(s)**
- Total mash volume **35.2 liter(s)**

### Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **77 C**, Time **3 min**

### Mash step by step

- Heat up **26.4 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **3 min** at **77C**
- Sparge using **8.8 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount        | Yield  | EBC |
|-------|-----------------------------|---------------|--------|-----|
| Grain | Strzegom Pilzneński         | 7 kg (75.3%)  | 80 %   | 4   |
| Grain | Strzegom Monachijski typ II | 1 kg (10.8%)  | 79 %   | 22  |
| Grain | Special B Malt              | 0.3 kg (3.2%) | 65.2 % | 315 |
| Grain | Abbey Malt Weyermann        | 0.5 kg (5.4%) | 75 %   | 45  |
| Sugar | Candi Sugar, Dark           | 0.5 kg (5.4%) | 78.3 % | 542 |

### Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 30 g   | 60 min | 10 %       |
| Boil    | Lublin (Lubelski) | 25 g   | 30 min | 4 %        |
| Boil    | Lublin (Lubelski) | 15 g   | 10 min | 4 %        |

### Yeasts

| Name                    | Type | Form  | Amount | Laboratory       |
|-------------------------|------|-------|--------|------------------|
| FM26 Belgijskie Pagórki | Ale  | Slant | 350 ml | Fermentum Mobile |

## Extras

| Type   | Name              | Amount | Use for | Time   |
|--------|-------------------|--------|---------|--------|
| Flavor | Candi Sugar, Dark | 500 g  | Boil    | 30 min |