

## DUBBEL (via kon-jakub)

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- Gravity **17.7 BLG**
- ABV ---
- IBU **24**
- SRM **20.4**
- Style **Belgian Dubbel**

### 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 **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **16.5 liter(s)**
- Total mash volume **22 liter(s)**

### Steps

- Temp **55 C**, Time **0 min**
- Temp **66 C**, Time **60 min**
- Temp **70 C**, Time **15 min**
- Temp **76 C**, Time **5 min**

### Mash step by step

- Heat up **16.5 liter(s)** of strike water to **60.8C**
- Add grains
- Keep mash **0 min** at **55C**
- Keep mash **60 min** at **66C**
- Keep mash **15 min** at **70C**
- Keep mash **5 min** at **76C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

### Fermentables

Type	Name	Amount	Yield	EBC
Grain	Strzegom Pilzneński	2.5 kg (41%)	80 %	4
Grain	Abbey Castle	2 kg (32.8%)	80 %	45
Grain	Pszeniczny	0.3 kg (4.9%)	85 %	4
Grain	Special B Malt	0.2 kg (3.3%)	65.2 %	315
Sugar	Syrop kandyzowany	0.6 kg (9.8%)	100 %	0
Grain	Biscuit Malt	0.5 kg (8.2%)	79 %	45

### Hops

Use for	Name	Amount	Time	Alpha acid
Boil	Marynka	15 g	60 min	12.5 %
Boil	Marynka	10 g	15 min	10 %

### Yeasts

Name	Type	Form	Amount	Laboratory
FM26 Belgijskie Pagórki	Ale	Liquid	40 ml	Fermentum Mobile