

## Flanders red ale

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- Gravity **11.9 BLG**
- ABV **4.8 %**
- IBU **6**
- SRM **14.4**
- Style **Flanders Red Ale**

### Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15.8 liter(s)**
- Total mash volume **21 liter(s)**

### Steps

- Temp **65 C**, Time **30 min**
- Temp **72 C**, Time **30 min**

### Mash step by step

- Heat up **15.8 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **30 min** at **65C**
- Keep mash **30 min** at **72C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount         | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński         | 2.5 kg (47.6%) | 80 %  | 4   |
| Grain | Strzegom Wiedeński          | 1 kg (19%)     | 79 %  | 10  |
| Grain | Weyermann pszeniczny jasny  | 0.5 kg (9.5%)  | 80 %  | 6   |
| Grain | Weyermann - Carared         | 0.25 kg (4.8%) | 75 %  | 45  |
| Grain | Strzegom Monachijski typ II | 0.2 kg (3.8%)  | 79 %  | 22  |
| Grain | Special B Castle            | 0.2 kg (3.8%)  | 70 %  | 350 |
| Grain | Płatki pszeniczne           | 0.25 kg (4.8%) | 85 %  | 3   |
| Grain | Caraaroma                   | 0.25 kg (4.8%) | 78 %  | 400 |
| Grain | Carabelge                   | 0.1 kg (1.9%)  | 80 %  | 30  |

### Hops

| Use for | Name            | Amount | Time   | Alpha acid |
|---------|-----------------|--------|--------|------------|
| Boil    | Hallertau Blanc | 5 g    | 60 min | 11 %       |

### Yeasts

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

|                            |     |        |        |     |
|----------------------------|-----|--------|--------|-----|
| wyeast flanders red<br>ale | Ale | Liquid | 100 ml | --- |
|----------------------------|-----|--------|--------|-----|