

# Wiosenna Mimoza

- Gravity **14.5 BLG**
- ABV ---
- IBU **24**
- SRM **9.9**
- Style **Irish 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 **18.6 liter(s)**
- Total mash volume **24.8 liter(s)**

## Steps

- Temp **67 C**, Time **30 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **3 min**

## Mash step by step

- Heat up **18.6 liter(s)** of strike water to **74.8C**
- Add grains
- Keep mash **30 min** at **67C**
- Keep mash **20 min** at **72C**
- Keep mash **3 min** at **78C**
- Sparge using **15.4 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount        | Yield | EBC |
|-------|-----------------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale           | 4 kg (64.5%)  | 79 %  | 6   |
| Grain | Fawcett - Crystal           | 0.2 kg (3.2%) | 70 %  | 160 |
| Grain | fawcett - cara              | 1 kg (16.1%)  | 60 %  | 30  |
| Grain | Strzegom Monachijski typ II | 1 kg (16.1%)  | 79 %  | 22  |

## Hops

| Use for             | Name        | Amount | Time   | Alpha acid |
|---------------------|-------------|--------|--------|------------|
| Boil                | Challenger  | 10 g   | 30 min | 7 %        |
| Boil                | Ella (AUS)  | 10 g   | 30 min | 14.6 %     |
| Aroma (end of boil) | Challenger  | 10 g   | 5 min  | 7 %        |
| Aroma (end of boil) | Pacific Gem | 10 g   | 5 min  | 15.3 %     |
| Aroma (end of boil) | Ella (AUS)  | 10 g   | 5 min  | 14.6 %     |

## Yeasts

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

|  |     |     |      |                 |
|--|-----|-----|------|-----------------|
| Mangrove Jack's<br>M42 New World<br>Strong Ale | Ale | Dry | 10 g | Mangrove Jack's |
|--|-----|-----|------|-----------------|