

Rosanke

- Gravity **11.4 BLG**
- ABV ---
- IBU **19**
- SRM **16.3**
- Style **Saison**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.5 liter(s)**
- Total mash volume **16.6 liter(s)**

Steps

- Temp **50 C**, Time **10 min**
- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

Mash step by step

- Heat up **12.5 liter(s)** of strike water to **55C**
- Add grains
- Keep mash **10 min** at **50C**
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **17 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|----------------|-------|-----|
| Grain | Pilzneński | 0.7 kg (16.9%) | 81 % | 4 |
| Grain | Strzegom Wiedeński | 0.28 kg (6.7%) | 79 % | 10 |
| Grain | Caraaroma | 0.25 kg (6%) | 78 % | 400 |
| Grain | owsiany | 1 kg (24.1%) | 78 % | 5 |
| Grain | Pszeniczny | 1 kg (24.1%) | 85 % | 4 |
| Grain | Carahell | 0.17 kg (4.1%) | 77 % | 26 |
| Grain | Karmelowy Czerwony | 0.22 kg (5.3%) | 75 % | 59 |
| Grain | Caramel/Crystal Malt - 10L | 0.13 kg (3.1%) | 75 % | 20 |
| Grain | płatki jęczmienne | 0.4 kg (9.6%) | --- % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|---------|--------|--------|------------|
| Boil | Perle | 20 g | 60 min | 7 % |
| Boil | Sybilla | 15 g | 5 min | 3.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|-------------|-------------|---------------|-------------------|
| Safbrew S-33 | Ale | Dry | 11.5 g | Safbrew |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------|---------------|----------------|-------------|
| Spice | dzika róža | 20 g | Boil | 5 min |
| Spice | chaber | 10 g | Boil | 0 min |
| Spice | dzika róža | 10 g | Boil | 0 min |