

# Saison

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **39**
- SRM **8.7**
- Style **Saison**

## Batch size

- Expected quantity of finished beer **6 liter(s)**
- Trub loss **5 %**
- Size with trub loss **6.3 liter(s)**
- Boil time **65 min**
- Evaporation rate **10 %/h**
- Boil size **7.6 liter(s)**

## Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **4.3 liter(s)**
- Total mash volume **5.7 liter(s)**

## Steps

- Temp **64 C**, Time **60 min**
- Temp **72 C**, Time **20 min**

## Mash step by step

- Heat up **4.3 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **60 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **4.7 liter(s)** of **76C** water or to achieve **7.6 liter(s)** of wort

## Fermentables

| Type  | Name                     | Amount          | Yield | EBC |
|-------|--------------------------|-----------------|-------|-----|
| Grain | Strzegom Pilzneński      | 0.83 kg (55.2%) | 80 %  | 4   |
| Grain | Strzegom Wiedeński       | 0.22 kg (14.4%) | 79 %  | 10  |
| Grain | Pszeniczny               | 0.22 kg (14.4%) | 85 %  | 4   |
| Grain | Optima Karmelowy 20-30   | 0.06 kg (4%)    | 80 %  | 30  |
| Grain | Optima Karmelowy 350-450 | 0.06 kg (4%)    | 80 %  | 299 |
| Grain | Zakwaszający             | 0.04 kg (2.4%)  | 75 %  | 7   |
| Sugar | Glukoza                  | 0.08 kg (5.6%)  | 90 %  | 5   |

## Hops

| Use for | Name              | Amount | Time   | Alpha acid |
|---------|-------------------|--------|--------|------------|
| Boil    | Marynka           | 9 g    | 65 min | 10 %       |
| Boil    | Lublin (Lubelski) | 6 g    | 20 min | 4 %        |
| Boil    | Lublin (Lubelski) | 3 g    | 5 min  | 4 %        |

## Yeasts

| Name                              | Type | Form  | Amount | Laboratory      |
|-----------------------------------|------|-------|--------|-----------------|
| Mangrove Jack's M29 French Saison | Ale  | Slant | 30 ml  | Mangrove Jack's |

## Extras

| Type  | Name    | Amount | Use for | Time   |
|-------|---------|--------|---------|--------|
| Spice | Curacao | 6 g    | Boil    | 15 min |

## Notes

- Przepis BARDZO na podstawie dori - [http://www.wiki.piwo.org/Saison,\\_Dorota\\_Chrapek\\_\(dori\)](http://www.wiki.piwo.org/Saison,_Dorota_Chrapek_(dori))  
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