

## saison pinta

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **23**
- SRM **5**
- Style **Saison**

### Batch size

- Expected quantity of finished beer **10 liter(s)**
- Trub loss **5 %**
- Size with trub loss **10.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **12.7 liter(s)**

### Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **9.6 liter(s)**
- Total mash volume **12.8 liter(s)**

### Steps

- Temp **65 C**, Time **45 min**
- Temp **72 C**, Time **15 min**

### Mash step by step

- Heat up **9.6 liter(s)** of strike water to **72.5C**
- Add grains
- Keep mash **45 min** at **65C**
- Keep mash **15 min** at **72C**
- Sparge using **6.3 liter(s)** of **76C** water or to achieve **12.7 liter(s)** of wort

### Fermentables

| Type  | Name                    | Amount         | Yield | EBC |
|-------|-------------------------|----------------|-------|-----|
| Grain | Pilzneński              | 2 kg (62.5%)   | 81 %  | 4   |
| Grain | Pszeniczny              | 0.5 kg (15.6%) | 85 %  | 4   |
| Grain | Strzegom<br>Bursztynowy | 0.1 kg (3.1%)  | 20 %  | 49  |
| Grain | Płatki owsiane          | 0.2 kg (6.3%)  | 85 %  | 3   |
| Grain | Płatki pszeniczne       | 0.4 kg (12.5%) | 85 %  | 3   |

### Hops

| Use for             | Name    | Amount | Time   | Alpha acid |
|---------------------|---------|--------|--------|------------|
| Boil                | Oktawia | 15 g   | 60 min | 7.1 %      |
| Aroma (end of boil) | Sybilla | 15 g   | 5 min  | 3.5 %      |

### Yeasts

| Name                         | Type | Form    | Amount | Laboratory |
|------------------------------|------|---------|--------|------------|
| 3711 wyeast french<br>saison | Ale  | Culture | 150 g  | ---        |

### Extras

| Type | Name | Amount | Use for | Time |
|------|------|--------|---------|------|
|------|------|--------|---------|------|

|        |                     |      |      |       |
|--------|---------------------|------|------|-------|
| Fining | whirflock           | 1 g  | Boil | 5 min |
| Other  | pożywka dla drozdzy | 15 g | Boil | 5 min |