

# Vigneronne Mazurie

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **10**
- SRM **4.3**
- 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 **3.5 liter(s) / kg**
- Mash size **21.7 liter(s)**
- Total mash volume **27.9 liter(s)**

## Steps

- Temp **44 C**, Time **10 min**
- Temp **63 C**, Time **60 min**

## Mash step by step

- Heat up **21.7 liter(s)** of strike water to **47.4C**
- Add grains
- Keep mash **10 min** at **44C**
- Keep mash **60 min** at **63C**
- Sparge using **9.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

## Fermentables

| Type  | Name                        | Amount        | Yield | EBC |
|-------|-----------------------------|---------------|-------|-----|
| Grain | Viking Pilsner malt         | 5 kg (80.6%)  | 82 %  | 4   |
| Grain | Oats, Flaked                | 0.5 kg (8.1%) | 80 %  | 2   |
| Grain | Strzegom Pszeniczny         | 0.5 kg (8.1%) | 81 %  | 6   |
| Grain | Weyermann - Acidulated Malt | 0.2 kg (3.2%) | 80 %  | 6   |

## Hops

| Use for | Name               | Amount | Time   | Alpha acid |
|---------|--------------------|--------|--------|------------|
| Boil    | East Kent Goldings | 15 g   | 60 min | 5.1 %      |
| Boil    | East Kent Goldings | 15 g   | 10 min | 5.1 %      |

## Yeasts

| Name  | Type | Form   | Amount  | Laboratory |
|---|------|--------|---------|------------|
| WLP648<br>Brettanomyces<br>Bruxellensis Trois<br>Vrai | Ale  | Liquid | 1000 ml | White labs |

## Extras

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

|        |  |        |           |           |
|--------|--|--------|-----------|-----------|
| Flavor | Winogrona dojrzałe   | 2000 g | Secondary | 14 day(s) |
| Flavor | Kostki dębowe francuskie średnio opiekane macerowane w czerwonym winie | 20 g   | Secondary | 14 day(s) |