

## Melon / Gruszka Ale

- Gravity **12.6 BLG**
- ABV **5.1 %**
- IBU **47**
- SRM **4.7**
- Style **Fruit Beer**

### 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 **17.5 liter(s)**
- Total mash volume **22.5 liter(s)**

### Steps

- Temp **68 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

### Mash step by step

- Heat up **17.5 liter(s)** of strike water to **74.9C**
- Add grains
- Keep mash **45 min** at **68C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **12.8 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

### Fermentables

| Type  | Name                                      | Amount     | Yield | EBC |
|-------|---|------------|-------|-----|
| Grain | Słód Pilsner®<br>2,5-4,5 EBC<br>Weyermann | 4 kg (80%) | 80 %  | 4   |
| Grain | Monachijski                               | 1 kg (20%) | 80 %  | 16  |

### Hops

| Use for             | Name       | Amount | Time     | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil                | Sybilla    | 60 g   | 60 min   | 6 %        |
| Boil                | Amarillo   | 10 g   | 60 min   | 7.1 %      |
| Aroma (end of boil) | Cascade PL | 20 g   | 0 min    | 7.1 %      |
| Dry Hop             | Cascade PL | 20 g   | 5 day(s) | 5.2 %      |

### Yeasts

| Name        | Type | Form | Amount | Laboratory |
|-------------|------|------|--------|------------|
| Safale S-04 | Ale  | Dry  | 11.5 g | Safale     |

### Extras

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

|        |         |        |           |          |
|--------|---------|--------|-----------|----------|
| Flavor | melon   | 2000 g | Secondary | 7 day(s) |
| Flavor | gruszka | 2000 g | Secondary | 7 day(s) |