

## Owocowy kveik II

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **32**
- SRM **4.9**
- Style **Fruit Beer**

### Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **22 liter(s)**
- Boil time **60 min**
- Evaporation rate **12 %/h**
- Boil size **26.9 liter(s)**

### Mash information

- Mash efficiency **70 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **20.4 liter(s)**
- Total mash volume **27.2 liter(s)**

### Steps

- Temp **66 C**, Time **40 min**
- Temp **72 C**, Time **20 min**

### Mash step by step

- Heat up **20.4 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **40 min** at **66C**
- Keep mash **20 min** at **72C**
- Sparge using **13.3 liter(s)** of **76C** water or to achieve **26.9 liter(s)** of wort

### Fermentables

| Type  | Name                        | Amount         | Yield | EBC |
|-------|-----------------------------|----------------|-------|-----|
| Grain | Pilzneński                  | 4 kg (58.8%)   | 81 %  | 4   |
| Grain | Pszeniczny                  | 1.5 kg (22.1%) | 85 %  | 4   |
| Grain | Płatki owsiane              | 0.5 kg (7.4%)  | 60 %  | 3   |
| Grain | Monachijski                 | 0.5 kg (7.4%)  | 80 %  | 16  |
| Grain | Weyermann - Acidulated Malt | 0.3 kg (4.4%)  | 80 %  | 6   |

### Hops

| Use for             | Name  | Amount | Time   | Alpha acid |
|---------------------|-------|--------|--------|------------|
| Boil                | lunga | 25 g   | 60 min | 11 %       |
| Aroma (end of boil) | Citra | 15 g   | 10 min | 12 %       |
| Whirlpool           | Citra | 35 g   | 0 min  | 12 %       |

### Yeasts

| Name    | Type | Form   | Amount | Laboratory |
|---------|------|--------|--------|------------|
| WLP4050 | Ale  | Liquid | 200 ml | White Labs |

### Extras

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

|        |         |       |      |       |
|--------|---------|-------|------|-------|
| Herb   | cynamon | 15 g  | Boil | 5 min |
| Flavor | laktoza | 0.5 g | Boil | 1 min |