

## #76 Kveik Sour IPA

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **58**
- SRM **3.4**
- Style **American IPA**

### Batch size

- Expected quantity of finished beer **19 liter(s)**
- Trub loss **3 %**
- Size with trub loss **20.5 liter(s)**
- Boil time **60 min**
- Evaporation rate **15 %/h**
- Boil size **25.8 liter(s)**

### Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **12.6 liter(s)**
- Total mash volume **16.8 liter(s)**

### Steps

- Temp **66 C**, Time **60 min**
- Temp **78 C**, Time **0 min**

### Mash step by step

- Heat up **12.6 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **66C**
- Keep mash **0 min** at **78C**
- Sparge using **17.4 liter(s)** of **76C** water or to achieve **25.8 liter(s)** of wort

### Fermentables

| Type  | Name                 | Amount        | Yield | EBC |
|-------|----------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (71.4%)  | 80 %  | 5   |
| Grain | Platki owsiane       | 0.4 kg (9.5%) | 60 %  | 3   |
| Grain | Rice, Flaked         | 0.8 kg (19%)  | 70 %  | 2   |

### Hops

| Use for             | Name    | Amount | Time     | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil                | Idaho 7 | 10 g   | 60 min   | 12.7 %     |
| Boil                | Warrior | 10 g   | 60 min   | 15.5 %     |
| Boil                | Idaho 7 | 20 g   | 10 min   | 12.7 %     |
| Boil                | Warrior | 20 g   | 10 min   | 15.5 %     |
| Aroma (end of boil) | Idaho 7 | 20 g   | 0 min    | 12.7 %     |
| Aroma (end of boil) | Warrior | 20 g   | 0 min    | 15.5 %     |
| Dry Hop             | Idaho 7 | 50 g   | 5 day(s) | 12.7 %     |
| Dry Hop             | Warrior | 50 g   | 5 day(s) | 15.5 %     |

### Yeasts

| Name  | Type | Form  | Amount | Laboratory |
|-------|------|-------|--------|------------|
| kveik | Ale  | Slant | 100 ml | ---        |

## Notes

- Brzeczka po zagotowaniu ląduje do zakwaszenia na dwie doby w temp 38st i wraca do procesu.  
*Dec 11, 2022, 1:31 PM*