

Debiut Garnka

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **13**
- SRM **4**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **17.4 liter(s)**
- Total mash volume **23.2 liter(s)**

Steps

- Temp **44 C**, Time **60 min**
- Temp **52 C**, Time **60 min**
- Temp **67 C**, Time **120 min**
- Temp **72 C**, Time **30 min**
- Temp **78 C**, Time **30 min**

Mash step by step

- Heat up **17.4 liter(s)** of strike water to **48C**
- Add grains
- Keep mash **60 min** at **44C**
- Keep mash **60 min** at **52C**
- Keep mash **120 min** at **67C**
- Keep mash **30 min** at **72C**
- Keep mash **30 min** at **78C**
- Sparge using **16.2 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Pszeniczny | 2.5 kg (43.1%) | 85 % | 4 |
| Grain | Viking Pale Ale malt | 3 kg (51.7%) | 80 % | 5 |
| Grain | Płatki owsiane | 0.3 kg (5.2%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|-----------------------|--------|--------|------------|
| Boil | East Kent Goldings | 20 g | 60 min | 5.1 % |
| Aroma (end of boil) | Saaz (Czech Republic) | 15 g | 15 min | 4.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|-------|--------|------------|
| Safale US-05 | Ale | Slant | 200 ml | Fermentis |

Extras

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

| | | | | |
|--------|-------------------|------|------|--------|
| Herb | kolendra | 7 g | Boil | 5 min |
| Flavor | skórka pomarańczy | 20 g | Boil | 5 min |
| Fining | whirlfoc T | 1 g | Boil | 10 min |

Notes

- pierwsze 2 przerwy mogły mieć różny przebieg z powodu awarii termometru
Dec 13, 2020, 8:55 AM