

hazy ipa

- Gravity **15.7 BLG**
- ABV **6.6 %**
- IBU **28**
- SRM **4.9**
- Style **American IPA**

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 **10 %/h**
- Boil size **26.4 liter(s)**

Mash information

- Mash efficiency **72 %**
- Liquor-to-grist ratio **4 liter(s) / kg**
- Mash size **28 liter(s)**
- Total mash volume **35 liter(s)**

Steps

- Temp **66 C**, Time **10 min**
- Temp **67 C**, Time **60 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **28 liter(s)** of strike water to **71.8C**
- Add grains
- Keep mash **10 min** at **66C**
- Keep mash **60 min** at **67C**
- Keep mash **5 min** at **78C**
- Sparge using **5.4 liter(s)** of **76C** water or to achieve **26.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (71.4%) | 80 % | 5 |
| Grain | Briess - Wheat Malt, White | 1 kg (14.3%) | 85 % | 5 |
| Grain | Płatki pszeniczne | 0.5 kg (7.1%) | 60 % | 3 |
| Grain | Płatki owsiane | 0.5 kg (7.1%) | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Aroma (end of boil) | Amarillo | 20 g | 15 min | 8.5 % |
| Aroma (end of boil) | calypso | 30 g | 15 min | 14.7 % |
| Dry Hop | Centennial | 50 g | 5 day(s) | 10.5 % |
| Dry Hop | Magnum | 50 g | 5 day(s) | 11.5 % |
| Dry Hop | Amarillo | 50 g | 5 day(s) | 8.5 % |
| Dry Hop | Lemon drop | 50 g | 5 day(s) | 5.3 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|------|--------|--------|------------|
| HAZY ALE FM | Ale | Liquid | 10 ml | FERMENTUM |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|------|--------|---------|-------|
| Water Agent | sól | 3 g | Boil | 0 min |

Notes

- fermentacja 3 dni w 15st.
później 20st.

COLDCRASH PO 5 DNIACH CHMIELENIA NA ZIMNO PRZEZ 3 DNI W 5 ST.
Jun 9, 2020, 3:35 PM