

Hazy AIPA

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **42**
- SRM **3.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **28.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **16 liter(s)**
- Total mash volume **21 liter(s)**

Steps

- Temp **48 C**, Time **25 min**
- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **16 liter(s)** of strike water to **52.4C**
- Add grains
- Keep mash **25 min** at **48C**
- Keep mash **60 min** at **68C**
- Sparge using **17.3 liter(s)** of **76C** water or to achieve **28.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|------------------------|----------------|-------|-----|
| Grain | Płatki pszeniczne | 0.25 kg (4.5%) | 60 % | 3 |
| Grain | Płatki owsiane | 0.25 kg (4.5%) | 60 % | 3 |
| Grain | Pszeniczny | 0.7 kg (12.7%) | 85 % | 4 |
| Grain | Żytni | 0.5 kg (9.1%) | 85 % | 6 |
| Adjunct | Owies niesłodowany | 0.5 kg (9.1%) | 75 % | 2 |
| Grain | Simpsons - Maris Otter | 3.3 kg (60%) | 81 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil | Warrior | 8 g | 70 min | 15.5 % |
| Aroma (end of boil) | Sabro | 10 g | 15 min | 15 % |
| Aroma (end of boil) | Ekuanot | 10 g | 15 min | 14.9 % |
| Aroma (end of boil) | Sabro | 10 g | 5 min | 15 % |
| Aroma (end of boil) | Ekuanot | 10 g | 5 min | 14.9 % |
| Whirlpool | Sabro | 10 g | 20 min | 15 % |
| Whirlpool | Ekuanot | 10 g | 20 min | 14.9 % |
| Dry Hop | Sabro | 40 g | 5 day(s) | 15 % |

| | | | | |
|---------|---------|------|----------|--------|
| Dry Hop | Ekuanot | 20 g | 5 day(s) | 14.9 % |
|---------|---------|------|----------|--------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|-------|--------|------------|
| Danstar - Nottingham | Ale | Slant | 200 ml | Danstar |