

NE IPA Hop Cat

- Gravity **16.1 BLG**
- ABV **6.8 %**
- IBU **12**
- SRM **4.2**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **27.5 liter(s)**
- Boil time **70 min**
- Evaporation rate **5 %/h**
- Boil size **30.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **23.8 liter(s)**
- Total mash volume **31.7 liter(s)**

Steps

- Temp **64 C**, Time **40 min**

Mash step by step

- Heat up **23.8 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Sparge using **14.6 liter(s)** of **76C** water or to achieve **30.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 5 kg (63.1%) | 80 % | 4 |
| Grain | Pszeniczny | 0.52 kg (6.6%) | 85 % | 4 |
| Grain | Płatki pszeniczne | 1.3 kg (16.4%) | 85 % | 3 |
| Grain | Płatki owsiane | 1.1 kg (13.9%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|--|----------|--------|-----------|------------|
| Boil | Citra | 9 g | 10 min | 12 % |
| Whirlpool | Citra | 17 g | 10 min | 12 % |
| Whirlpool | Amarillo | 27 g | 10 min | 9.5 % |
| Whirlpool | Cascade | 27 g | 10 min | 6 % |
| Dry Hop | Citra | 9 g | 12 day(s) | 12 % |
| na drugi dzień fermentacji do fermentora | | | | |
| Dry Hop | Amarillo | 9 g | 12 day(s) | 9.5 % |
| na drugi dzień fermentacji do fermentora | | | | |
| Dry Hop | Cascade | 9 g | 12 day(s) | 6 % |
| na drugi dzień fermentacji do fermentora | | | | |
| Dry Hop | Citra | 36 g | 3 day(s) | 12 % |
| Dry Hop | Amarillo | 36 g | 3 day(s) | 9.5 % |

| | | | | |
|---------|---------|------|----------|-----|
| Dry Hop | Cascade | 36 g | 3 day(s) | 6 % |
|---------|---------|------|----------|-----|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------|------|--------|---------|------------|
| Hazy Daze | Ale | Liquid | 1000 ml | Fermentis |

Notes

- z powodu za małej ilości wody w Ho Cat - pompa zaciągała wszystko z dna zanim się przelało - dolałem 4czarny rondel z wody do wystadzania

Do wody do wystadzania dodano 4ml kwasu mlekowego
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