

NEIPA

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **71**
- SRM **4.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **15 liter(s)**
- Trub loss **5 %**
- Size with trub loss **15.8 liter(s)**
- Boil time **75 min**
- Evaporation rate **10 %/h**
- Boil size **19.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.5 liter(s) / kg**
- Mash size **11.6 liter(s)**
- Total mash volume **16.3 liter(s)**

Steps

- Temp **55 C**, Time **15 min**
- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **11.6 liter(s)** of strike water to **62C**
- Add grains
- Keep mash **15 min** at **55C**
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **10 min** at **78C**
- Sparge using **12.6 liter(s)** of **76C** water or to achieve **19.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Pilzneński | 3.5 kg (75.3%) | 81 % | 4 |
| Grain | Oats, Flaked | 1 kg (21.5%) | 80 % | 2 |
| Grain | Abbey Malt Weyermann | 0.15 kg (3.2%) | 75 % | 45 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------------------|--------|--------|------------|
| Boil | Columbus/Tomahawk/Zeus | 20 g | 60 min | 16.8 % |
| Aroma (end of boil) | Citra | 20 g | 5 min | 12.3 % |
| Aroma (end of boil) | Palisade | 20 g | 5 min | 8.7 % |
| Aroma (end of boil) | Simcoe | 20 g | 5 min | 13.3 % |
| Aroma (end of boil) | Cascade | 20 g | 5 min | 6.7 % |
| Aroma (end of boil) | Centennial | 20 g | 5 min | 10.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

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|----------------------------|-----|-------|--------|------------------|
| FM10 O czym szumią wierzby | Ale | Slant | 500 ml | Fermentum Mobile |
|----------------------------|-----|-------|--------|------------------|