

16# Kveik NEIPA

- Gravity **14 BLG**
- ABV **5.8 %**
- IBU **45**
- SRM **6.4**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **27 liter(s)**
- Trub loss **5 %**
- Size with trub loss **28.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **11 %/h**
- Boil size **34.5 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.2 liter(s) / kg**
- Mash size **24.4 liter(s)**
- Total mash volume **32.1 liter(s)**

Steps

- Temp **63 C**, Time **50 min**
- Temp **68 C**, Time **10 min**
- Temp **75 C**, Time **1 min**

Mash step by step

- Heat up **24.4 liter(s)** of strike water to **69.7C**
- Add grains
- Keep mash **50 min** at **63C**
- Keep mash **10 min** at **68C**
- Keep mash **1 min** at **75C**
- Sparge using **17.7 liter(s)** of **76C** water or to achieve **34.5 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|-------|-----|
| Grain | Simpsons - Golden Promise | 4.32 kg (56.5%) | 81 % | 4 |
| Grain | Chit Malt | 0.65 kg (8.5%) | 50 % | 2 |
| Grain | Płatki pszeniczne | 0.96 kg (12.6%) | 85 % | 3 |
| Grain | Płatki owsiane | 0.96 kg (12.6%) | 85 % | 3 |
| Grain | Słód pszeniczny Bestmalz | 0.32 kg (4.2%) | 82 % | 5 |
| Grain | Żytni | 0.32 kg (4.2%) | 85 % | 8 |
| Grain | special X | 0.11 kg (1.4%) | 75 % | 400 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------------|--------|----------|------------|
| Boil | Columbus/Tomahawk/Zeus | 5.4 g | 60 min | 15.5 % |
| Whirlpool | Azacca | 54 g | 20 min | 14 % |
| Whirlpool | Waimea | 54 g | 20 min | 17 % |
| Dry Hop | Waimea | 54 g | 7 day(s) | 17 % |
| Dry Hop | Pacific Jade | 54 g | 7 day(s) | 13 % |
| Dry Hop | Waimea | 108 g | 3 day(s) | 17 % |

| | | | | |
|---------|--------------|------|----------|------|
| Dry Hop | Pacific Jade | 54 g | 3 day(s) | 13 % |
|---------|--------------|------|----------|------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|---------------------|------|------|--------|------------|
| mangrove jack kveik | Ale | Dry | 10 g | mj |