

In a dream

- Gravity **12.1 BLG**
- ABV **4.9 %**
- IBU **36**
- SRM **3.7**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **25.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **24.3 liter(s)**

Steps

- Temp **70 C**, Time **90 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **18.9 liter(s)** of strike water to **77.1C**
- Add grains
- Keep mash **90 min** at **70C**
- Keep mash **10 min** at **78C**
- Sparge using **16.9 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|-----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (53.1%) | 80 % | 5 |
| Grain | Strzegom Pilzniejszy | 1 kg (17.7%) | 80 % | 4 |
| Grain | Pszeniczny | 1 kg (17.7%) | 85 % | 4 |
| Grain | Płatki owsiane | 0.4 kg (7.1%) | 85 % | 3 |
| Adjunct | Pszenica niesłodowana | 0.25 kg (4.4%) | 75 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------------|--------|----------|------------|
| Boil | Southern Passion | 10 g | 60 min | 11.7 % |
| Boil | Pacific Gem | 10 g | 60 min | 15.3 % |
| Boil | Halertau Ariana | 10 g | 60 min | 11.7 % |
| Whirlpool | Southern Passion | 10 g | 0 min | 11.7 % |
| Whirlpool | Pacific Gem | 10 g | 0 min | 15.3 % |
| Whirlpool | Halertau Ariana | 10 g | 0 min | 11.7 % |
| Dry Hop | Southern Passion | 30 g | 5 day(s) | 11.7 % |
| Dry Hop | Pacific Gem | 30 g | 5 day(s) | 15.3 % |
| Dry Hop | Halertau Ariana | 30 g | 5 day(s) | 11.7 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------------------|------|-------|--------|------------------|
| FM55 Zielone Wzgórze | Ale | Slant | 500 ml | Fermentum Mobile |

Notes

- <http://www.fontspace.com/vigilante-typeface-corp/vtc-nuetattooscript>
Jul 29, 2018, 11:54 AM