

Rewalowe

- Gravity **11 BLG**
- ABV **4.4 %**
- IBU **36**
- SRM **4.1**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **90 min**
- Evaporation rate **15 %/h**
- Boil size **28.2 liter(s)**

Mash information

- Mash efficiency **65 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **62 C**, Time **15 min**
- Temp **72 C**, Time **45 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **69C**
- Add grains
- Keep mash **15 min** at **62C**
- Keep mash **45 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **18.2 liter(s)** of **76C** water or to achieve **28.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|-------------|-------|-----|
| Grain | Viking Pale Ale malt | 5 kg (100%) | 80 % | 5 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------------------|--------|----------|------------|
| Boil | Amarillo | 20 g | 90 min | 9.5 % |
| Boil | Lublin (Lubelski) | 20 g | 45 min | 4 % |
| Boil | Amarillo | 10 g | 10 min | 9.5 % |
| Dry Hop | Amarillo | 20 g | 7 day(s) | 9.5 % |
| Dry Hop | Lublin (Lubelski) | 30 g | 7 day(s) | 4 % |

Notes

- Refermentacja: Przeliczając na 1 butelkę = od 4 do 5 gram (w zależności od planowanego terminu spożycia piwa (szybkie/5 gram - za kilka miesięcy/4 gramy)
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