

Warka # 7 New England IPA

- Gravity **14.5 BLG**
- ABV **6 %**
- IBU **27**
- SRM **3.7**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **11 liter(s)**
- Trub loss **10 %**
- Size with trub loss **13.2 liter(s)**
- Boil time **70 min**
- Evaporation rate **10 %/h**
- Boil size **16 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **10.5 liter(s)**
- Total mash volume **13.5 liter(s)**

Steps

- Temp **67 C**, Time **50 min**
- Temp **72 C**, Time **10 min**
- Temp **76 C**, Time **10 min**

Mash step by step

- Heat up **10.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **50 min** at **67C**
- Keep mash **10 min** at **72C**
- Keep mash **10 min** at **76C**
- Sparge using **8.5 liter(s)** of **76C** water or to achieve **16 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|---------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pilzneński | 2.5 kg (73.5%) | 80 % | 3.5 |
| Grain | Pszeniczny | 0.5 kg (14.7%) | 85 % | 4 |
| Adjunct | Płatki pszeniczne | 0.2 kg (5.9%) | 85 % | 3 |
| Adjunct | Płatki owsiane | 0.2 kg (5.9%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|----------|--------|----------|------------|
| Whirlpool | Amarillo | 10 g | 25 min | 9 % |
| Whirlpool | Citra | 10 g | 25 min | 13 % |
| Whirlpool | Mosaic | 10 g | 25 min | 12 % |
| Whirlpool | Ekuanot | 10 g | 25 min | 13 % |
| Dry Hop | Amarillo | 10 g | 4 day(s) | 9 % |
| Dry Hop | Citra | 10 g | 4 day(s) | 13 % |
| Dry Hop | Mosaic | 10 g | 4 day(s) | 12 % |
| Dry Hop | Ekuanot | 10 g | 4 day(s) | 13 % |
| Dry Hop | Amarillo | 15 g | 2 day(s) | 9 % |
| Dry Hop | Citra | 15 g | 2 day(s) | 13 % |

| | | | | |
|---------|---------|------|----------|------|
| Dry Hop | Mosaic | 15 g | 2 day(s) | 12 % |
| Dry Hop | Ekuanot | 15 g | 2 day(s) | 13 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|------|--------|------------|
| Danstar - Nottingham | Ale | Dry | 7 g | Danstar |