

New England IPA #2 - Browar na Wyżynie

- Gravity **13.1 BLG**
- ABV **5.3 %**
- IBU **40**
- SRM **4.8**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **13 liter(s)**
- Trub loss **6 %**
- Size with trub loss **13.8 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **16.6 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **10.6 liter(s)**
- Total mash volume **14.1 liter(s)**

Steps

- Temp **64 C**, Time **40 min**
- Temp **72 C**, Time **20 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **10.6 liter(s)** of strike water to **71.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **9.5 liter(s)** of **76C** water or to achieve **16.6 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|------------------------|-----------------|-------|-----|
| Grain | piłzeński Viking Malt | 1.44 kg (40.8%) | 80 % | 5 |
| Grain | pale ale Viking Malt | 1.44 kg (40.8%) | 79 % | 8 |
| Grain | pszeniczny Viking Malt | 0.36 kg (10.2%) | 81 % | 5 |
| Grain | płatki owsiane | 0.29 kg (8.2%) | 65 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------------------------|---------|--------|------------|
| Boil | Galena (USA) - granulát | 14.44 g | 60 min | 14.2 % |
| Aroma (end of boil) | Amarillo (USA) - granulát | 7.22 g | 7 min | 7.5 % |
| Aroma (end of boil) | Galena (USA) - granulát | 7.22 g | 7 min | 14.2 % |
| Whirlpool | Amarillo (USA) - granulát | 21.67 g | 0 min | 7.5 % |
| Whirlpool | Galena (USA) - granulát | 14.44 g | 0 min | 14.2 % |

| | | | | |
|---------|---------------------------|---------|----------|--------|
| Dry Hop | Amarillo (USA) - granulat | 43.33 g | 7 day(s) | 7.5 % |
| Dry Hop | Galena (USA) - granulat | 21.67 g | 7 day(s) | 14.2 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|----------------------|------|--------|---------|------------|
| FM55 Zielone wzgórze | Ale | Liquid | 7.94 ml | FM |

Extras

| Type | Name | Amount | Use for | Time |
|-------|-------------------------|---------|---------|----------|
| Other | Galena (USA) - granulat | 14.44 g | Primary | 7 day(s) |