

Jebać pis

- Gravity **15.2 BLG**
- ABV **6.3 %**
- IBU **44**
- SRM **4.5**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **24.2 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **29 liter(s)**

Mash information

- Mash efficiency **80 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **23 liter(s)**
- Total mash volume **29.6 liter(s)**

Steps

- Temp **67 C**, Time **60 min**

Mash step by step

- Heat up **23 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **60 min** at **67C**
- Sparge using **12.6 liter(s)** of **76C** water or to achieve **29 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------------|-----------------|-------|-----|
| Grain | Weyermann - Pale Ale Malt | 0.67 kg (10.2%) | 85 % | 7 |
| Grain | Weyermann - Pilsner Malt | 5.2 kg (79.1%) | 81 % | 5 |
| Grain | Płatki owsiane | 0.5 kg (7.6%) | 60 % | 3 |
| Grain | Płatki jęczmienne | 0.2 kg (3%) | 80 % | 3 |
| Grain | Płatki pszeniczne | 0 kg | 60 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------------------|--------|----------|------------|
| Boil | Chinoo twój browar | 20 g | 60 min | 11.7 % |
| Aroma (end of boil) | Citra | 20 g | 5 min | 12.6 % |
| Whirlpool | Citra | 15 g | 20 min | 12.5 % |
| Whirlpool | HBC 472 Experimental | 15 g | 20 min | 9.3 % |
| Whirlpool | Simcoe | 15 g | 20 min | 12.8 % |
| Whirlpool | Sabro | 15 g | 20 min | 15.8 % |
| Dry Hop | Sabro | 15 g | 3 day(s) | 15.8 % |
| Dry Hop | HBC 472 Experimental | 15 g | 3 day(s) | 9.3 % |
| Dry Hop | Simcoe | 15 g | 3 day(s) | 12.8 % |

| | | | | |
|---------|-------|------|----------|--------|
| Dry Hop | Citra | 15 g | 3 day(s) | 12.5 % |
|---------|-------|------|----------|--------|

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-----------------------|------|-------|--------|------------|
| WLP067 - Coastal Haze | Ale | Slant | 150 ml | White Labs |