

ŚwierkNowe 2 - Świerkowe New England White IPA

- Gravity **15.9 BLG**
- ABV **6.7 %**
- IBU **31**
- SRM **4.6**
- Style **American IPA**

Batch size

- Expected quantity of finished beer **20 liter(s)**
- Trub loss **5 %**
- Size with trub loss **21 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **25.3 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **22.8 liter(s)**
- Total mash volume **29.3 liter(s)**

Steps

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

Mash step by step

- Heat up **22.8 liter(s)** of strike water to **70.3C**
- Add grains
- Keep mash **40 min** at **64C**
- Keep mash **20 min** at **72C**
- Sparge using **9 liter(s)** of **76C** water or to achieve **25.3 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------|----------------|-------|-----|
| Grain | Viking Pale Ale malt | 3 kg (44.8%) | 80 % | 5 |
| Grain | Viking Wheat Malt | 1.5 kg (22.4%) | 83 % | 5 |
| Grain | Platki owsiane | 2 kg (29.9%) | 60 % | 3 |
| Sugar | Cukier | 0.2 kg (3%) | 100 % | --- |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Boil | Simcoe | 20 g | 30 min | 12.1 % |
| Boil | Centennial | 20 g | 15 min | 8.9 % |
| Boil | Simcoe | 20 g | 5 min | 12.1 % |
| Aroma (end of boil) | Centennial | 30 g | 0 min | 8.9 % |
| Aroma (end of boil) | Simcoe | 10 g | 0 min | 12.1 % |
| Dry Hop | Simcoe | 50 g | 4 day(s) | 12.1 % |
| Dry Hop | Centennial | 10 g | 4 day(s) | 8.9 % |
| Dry Hop | Amarillo | 20 g | 4 day(s) | 9.5 % |
| Dry Hop | Mosaic | 100 g | 4 day(s) | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------------|-------------|-------------|---------------|-------------------|
| FM20 Białe Walonki | Wheat | Slant | 200 ml | Fermentum Mobile |
| Safale S-33 | Ale | Dry | 11.5 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|-------------|---------------|----------------|-------------|
| Flavor | Świerk | 200 g | Boil | 60 min |
| Flavor | Świerk | 200 g | Boil | 15 min |