

wheat power

- Gravity **14.1 BLG**
- ABV ---
- IBU **59**
- SRM **5.6**
- Style **White IPA**

Batch size

- Expected quantity of finished beer **25 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.3 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **31.7 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **19.5 liter(s)**
- Total mash volume **26 liter(s)**

Steps

- Temp **66 C**, Time **45 min**
- Temp **72 C**, Time **15 min**
- Temp **78 C**, Time **5 min**

Mash step by step

- Heat up **19.5 liter(s)** of strike water to **73.7C**
- Add grains
- Keep mash **45 min** at **66C**
- Keep mash **15 min** at **72C**
- Keep mash **5 min** at **78C**
- Sparge using **18.7 liter(s)** of **76C** water or to achieve **31.7 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|---------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 3 kg (46.2%) | 79 % | 6 |
| Grain | Strzegom pszeniczny | 2.5 kg (38.5%) | 81 % | 6 |
| Grain | Oats, Flaked | 0.5 kg (7.7%) | 80 % | 2 |
| Grain | Wheat, Flaked | 0.5 kg (7.7%) | 77 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|---------|--------|----------|------------|
| Boil | Citra | 40 g | 60 min | 12 % |
| Aroma (end of boil) | cascade | 20 g | 15 min | 12 % |
| Aroma (end of boil) | Citra | 15 g | 5 min | 12 % |
| Aroma (end of boil) | Cascade | 20 g | 3 min | 6 % |
| Whirlpool | Mosaic | 10 g | 0 min | 10 % |
| Whirlpool | Citra | 20 g | 0 min | 12 % |
| Dry Hop | Citra | 15 g | 5 day(s) | 12 % |
| Dry Hop | Cascade | 30 g | 5 day(s) | 6 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|-------------|-------------|-------------|---------------|-------------------|
| Safale S-05 | Ale | Dry | 11 g | Safale |

Extras

| Type | Name | Amount | Use for | Time |
|-------------|----------------|---------------|----------------|-------------|
| Spice | skórka cytryny | 1 g | Boil | 0 min |