

Hazy Wheat APA

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **17**
- SRM **4**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **24 liter(s)**
- Trub loss **5 %**
- Size with trub loss **26.4 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **30.4 liter(s)**

Mash information

- Mash efficiency **85 %**
- Liquor-to-grist ratio **3.5 liter(s) / kg**
- Mash size **18.9 liter(s)**
- Total mash volume **24.3 liter(s)**

Steps

- Temp **63 C**, Time **60 min**
- Temp **76 C**, Time **1 min**

Mash step by step

- Heat up **18.9 liter(s)** of strike water to **69.1C**
- Add grains
- Keep mash **60 min** at **63C**
- Keep mash **1 min** at **76C**
- Sparge using **16.9 liter(s)** of **76C** water or to achieve **30.4 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|----------------------------|---------------|-------|-----|
| Grain | Viking Pale Ale malt | 2 kg (37%) | 80 % | 5 |
| Grain | Pszeniczny | 2 kg (37%) | 85 % | 4 |
| Grain | Oats, Flaked | 0.5 kg (9.3%) | 80 % | 2 |
| Grain | Strzegom Monachijski typ I | 0.5 kg (9.3%) | 79 % | 16 |
| Grain | Barley, Flaked | 0.4 kg (7.4%) | 70 % | 4 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|------------|--------|----------|------------|
| Aroma (end of boil) | Chinook | 30 g | 15 min | 13 % |
| Whirlpool | Mosaic | 30 g | 0 min | 10 % |
| Dry Hop | Simcoe | 20 g | 3 day(s) | 13.2 % |
| Whirlpool | Simcoe | 30 g | 0 min | 13.2 % |
| Dry Hop | Mosaic | 20 g | 3 day(s) | 10 % |
| Dry Hop | Vic Secret | 50 g | 3 day(s) | 16.3 % |
| Whirlpool | Citra | 40 g | 0 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------|------|------|--------|------------|
|------|------|------|--------|------------|

| | | | | |
|--------------|-----|-------|-------|-----------|
| Safale US-05 | Ale | Slant | 50 ml | Fermentis |
|--------------|-----|-------|-------|-----------|

Extras

| Type | Name | Amount | Use for | Time |
|--------------|-----------------|--------|-----------|----------|
| Herb | Zielona herbata | 50 g | Secondary | 3 day(s) |
| Polowa warki | | | | |