

AIPA No. 1

- Gravity **15.4 BLG**
- ABV **6.5 %**
- IBU **68**
- SRM **8.3**
- 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 **90 min**
- Evaporation rate **8 %/h**
- Boil size **26.2 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **2.54 liter(s) / kg**
- Mash size **16 liter(s)**
- Total mash volume **22.3 liter(s)**

Steps

- Temp **68 C**, Time **75 min**
- Temp **78 C**, Time **10 min**

Mash step by step

- Heat up **16 liter(s)** of strike water to **77.5C**
- Add grains
- Keep mash **75 min** at **68C**
- Keep mash **10 min** at **78C**
- Sparge using **16.5 liter(s)** of **76C** water or to achieve **26.2 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|---------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (79.4%) | 79 % | 6 |
| Grain | Pszeniczny | 1 kg (15.9%) | 85 % | 4 |
| Grain | Crystal 160 EBC | 0.3 kg (4.8%) | 80 % | 160 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------------------|----------|--------|----------|------------|
| Boil | Mosaic | 10 g | 45 min | 10 % |
| Boil | Citra | 10 g | 45 min | 12 % |
| Boil | Mosaic | 10 g | 15 min | 10 % |
| Boil | Citra | 10 g | 15 min | 12 % |
| Boil | Amarillo | 10 g | 15 min | 9.5 % |
| Boil | Mosaic | 35 g | 5 min | 10 % |
| Boil | Citra | 35 g | 5 min | 12 % |
| Boil | Amarillo | 40 g | 5 min | 9.5 % |
| Aroma (end of boil) | Mosaic | 10 g | 10 min | 10 % |
| Aroma (end of boil) | Citra | 10 g | 10 min | 12 % |
| Aroma (end of boil) | Amarillo | 10 g | 10 min | 9.5 % |
| Dry Hop | Mosaic | 50 g | 7 day(s) | 10 % |

| | | | | |
|---------|----------|------|----------|-------|
| Dry Hop | Citra | 50 g | 7 day(s) | 12 % |
| Dry Hop | Amarillo | 50 g | 7 day(s) | 9.5 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 11.5 g | Fermentis |