

Plazowe

- Gravity **11.2 BLG**
- ABV **4.5 %**
- IBU **6**
- SRM **4.3**
- Style **American Pale Ale**

Batch size

- Expected quantity of finished beer **22 liter(s)**
- Trub loss **5 %**
- Size with trub loss **23.1 liter(s)**
- Boil time **60 min**
- Evaporation rate **10 %/h**
- Boil size **27.8 liter(s)**

Mash information

- Mash efficiency **75 %**
- Liquor-to-grist ratio **3 liter(s) / kg**
- Mash size **15 liter(s)**
- Total mash volume **20 liter(s)**

Steps

- Temp **68 C**, Time **60 min**

Mash step by step

- Heat up **15 liter(s)** of strike water to **76C**
- Add grains
- Keep mash **60 min** at **68C**
- Sparge using **17.8 liter(s)** of **76C** water or to achieve **27.8 liter(s)** of wort

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|-------------|-------|-----|
| Grain | Strzegom Pale Ale | 5 kg (100%) | 79 % | 6 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|---------|-------|--------|--------|------------|
| Boil | lunga | 5 g | 60 min | 11 % |
| Boil | Citra | 50 g | 0 min | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|------------------|------|-------|--------|------------|
| A15 Independence | Ale | Slant | 250 ml | Imperial |

Extras

| Type | Name | Amount | Use for | Time |
|--------|---------------|--------|---------|----------|
| Flavor | Mango Pulpa | 1500 g | Primary | 7 day(s) |
| Flavor | Sok z ananasa | 2000 g | Primary | 7 day(s) |