

Weselna APA

- Gravity **12.9 BLG**
- ABV **5.2 %**
- IBU **11**
- SRM **4.3**

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 liter(s) / kg**
- Mash size **15.3 liter(s)**
- Total mash volume **20.4 liter(s)**

Fermentables

| Type | Name | Amount | Yield | EBC |
|-------|-------------------|----------------|-------|-----|
| Grain | Strzegom Pale Ale | 3.7 kg (72.5%) | 79 % | 6 |
| Grain | Pszeniczny | 0.4 kg (7.8%) | 85 % | 4 |
| Grain | Płatki owsiane | 1 kg (19.6%) | 85 % | 3 |

Hops

| Use for | Name | Amount | Time | Alpha acid |
|-----------|------------|--------|--------|------------|
| Boil | Magnum | 9 g | 60 min | 11.5 % |
| Whirlpool | Mosaic | 10 g | --- | 10 % |
| Whirlpool | Cascade | 10 g | --- | 6 % |
| Whirlpool | Rakau (NZ) | 15 g | --- | 9.5 % |
| Whirlpool | Citra | 15 g | --- | 12 % |
| Dry Hop | Citra | 20 g | --- | 12 % |

Yeasts

| Name | Type | Form | Amount | Laboratory |
|--------------|------|------|--------|------------|
| Safale US-05 | Ale | Dry | 10 g | Fermentis |

Extras

| Type | Name | Amount | Use for | Time |
|-------|-------------|--------|-----------|----------|
| Other | mango pulpa | 150 g | Secondary | 4 day(s) |